The Alvarado Water Treatment Plant Ozone Upgrade and Expansion Project resulted from the dual challenges of a projected decline in source water quality and increased demand from a growing customer base. The City of San Diego embarked on an ambitious project to improve both the quantity and quality of water produced at its Alvarado Water Treatment Plant. In addition to expanding plant capacity by 67 percent—from 120 mgd to 200 mgd—the city made conversion from chlorine to ozone disinfection the final, critical component of the upgrade. The incorporation of ozone has enabled the city to provide not only safer water with lower levels of carcinogenic disinfection by-products but also water that is odorless and better tasting. Expansion of the existing conventional treatment processes involved new pretreatment (flocculation and sedimentation basins) and dual-media filters, as well as a new replacement clear well.

The Alvarado Water Treatment Plant Ozone Upgrade and Expansion Project was the recipient of ASCE’s 2013 Outstanding Civil Engineering Achievement Award.

Photograph courtesy of Malcolm Pirnie, the Water Division of ARCADIS.

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Visit ASCE's site on the World Wide Web (http://www.asce.org) to locate Society services and programs more easily. Our site also provides rapid access to leading-edge professional information and resources, opportunities for personal communication with colleagues, and continuous updates on Society news and activities. Rosters for national officers and ASCE staff are also available on the home page.

ASCE's home page offers direct communication, via e-mail, with Society leadership, committees, and staff. Feedback icons within a site send mail to the related ASCE Division, Council, Section, or Institute. If you don't know whom to contact, or if you can't find an address, send your message to the Society's general mailbox (webmaster@asce.org) and we will forward it for you.

The e-mail addresses of all ASCE staff members comprise the staff member's first initial, surname, and @asce.org (host name). For example, to contact Patrick J. Natale via Internet, use the following address: pnatale@asce.org

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703-295-6101
ASCE VISION, MISSION, AND GOALS

The American Society of Civil Engineers, founded in 1852, is a not-for-profit professional society incorporated in the State of New York.

Society Vision
Civil engineers are global leaders building a better quality of life.

Society Mission
Provide essential value to our members and partners, advance civil engineering, and serve the public good.

Society Goals
1. Facilitate the advancement of technology to enhance quality, knowledge, competitiveness, sustainability, and environmental stewardship.
2. Encourage and provide the tools for lifelong learning to aid our members’ continued growth throughout their careers.
3. Promote professionalism and the profession throughout society to enhance the stature of civil engineers and to influence public policy.
4. Develop and support civil engineer leaders to broaden our members’ perspectives, enhance their career growth, and promote the public interest.
5. Advocate infrastructure and environmental stewardship to protect the public health and safety and improve the quality of life.
CODE OF ETHICS*

Fundamental Principles†
Engineers uphold and advance the integrity, honor and dignity of the engineering profession by:
1. using their knowledge and skill for the enhancement of human welfare and the environment;
2. being honest and impartial and serving with fidelity the public, their employers and clients;
3. striving to increase the competence and prestige of the engineering profession; and
4. supporting the professional and technical societies of their disciplines.

Fundamental Canons
1. Engineers shall hold paramount the safety, health and welfare of the public and shall strive to comply with the principles of sustainable development‡ in the performance of their professional duties.
2. Engineers shall perform services only in areas of their competence.
3. Engineers shall issue public statements only in an objective and truthful manner.
4. Engineers shall act in professional matters for each employer or client as faithful agents or trustees, and shall avoid conflicts of interest.
5. Engineers shall build their professional reputation on the merit of their services and shall not compete unfairly with others.
6. Engineers shall act in such a manner as to uphold and enhance the honor, integrity, and dignity of the engineering profession and shall act with zero tolerance for bribery, fraud, and corruption.
7. Engineers shall continue their professional development throughout their careers, and shall provide opportunities for the professional development of those engineers under their supervision.

Guidelines to Practice under the Fundamental Canons of Ethics
CANON 1. Engineers shall hold paramount the safety, health and welfare of the public and shall strive to comply with the principles of sustainable development in the performance of their professional duties.
a. Engineers shall recognize that the lives, safety, health and welfare of the general public are dependent upon engineering judgments, decisions and practices incorporated into structures, machines, products, processes and devices.
b. Engineers shall approve or seal only those design documents, reviewed or prepared by them, which are determined to be safe for public health and welfare in conformity with accepted engineering standards.
c. Engineers whose professional judgment is overruled under circumstances where the safety, health and welfare of the public are endangered, or the principles of sustainable development ignored, shall inform their clients or employers of the possible consequences.
d. Engineers who have knowledge or reason to believe that another person or firm may be in violation of any of the provisions of Canon 1 shall present such information to the proper authority in writing and shall cooperate with the proper authority in furnishing such further information or assistance as may be required.
e. Engineers should seek opportunities to be of constructive service in civic affairs and work for the advancement of the safety, health and well-being of their communities, and the protection of the environment through the practice of sustainable development.

*The Society’s Code of Ethics was adopted on September 2, 1914, and was most recently amended on July 23, 2006. Pursuant to the Society’s Bylaws, it is the duty of every Society member to report promptly to the Committee on Professional Conduct any observed violation of the Code of Ethics.
†In April 1975, the ASCE Board of Direction adopted the fundamental principles of the Code of Ethics of Engineers as accepted by the Accreditation Board for Engineering and Technology, Inc. (ABET).
‡In October 2009, the ASCE Board of Directors adopted the following definition of Sustainable Development: “Sustainable Development is the process of applying natural, human, and economic resources to enhance the safety, welfare, and quality of life for all of society while maintaining the availability of the remaining natural resources.”
f. Engineers should be committed to improving the environment by adherence to the principles of sustainable development so as to enhance the quality of life of the general public.

CANON 2. Engineers shall perform services only in areas of their competence.

a. Engineers shall undertake to perform engineering assignments only when qualified by education or experience in the technical field of engineering involved.

b. Engineers may accept an assignment requiring education or experience outside of their own fields of competence, provided their services are restricted to those phases of the project in which they are qualified. All other phases of such project shall be performed by qualified associates, consultants, or employees.

c. Engineers shall not affix their signatures or seals to any engineering plan or document dealing with subject matter in which they lack competence by virtue of education or experience or to any such plan or document not reviewed or prepared under their supervisory control.

CANON 3. Engineers shall issue public statements only in an objective and truthful manner.

a. Engineers should endeavor to extend the public knowledge of engineering and sustainable development, and shall not participate in the dissemination of untrue, unfair or exaggerated statements regarding engineering.

b. Engineers shall be objective and truthful in professional reports, statements, or testimony. They shall include all relevant and pertinent information in such reports, statements, or testimony.

c. Engineers, when serving as expert witnesses, shall express an engineering opinion only when it is founded upon adequate knowledge of the facts, upon a background of technical competence, and upon honest conviction.

d. Engineers shall issue no statements, criticisms, or arguments on engineering matters which are inspired or paid for by interested parties, unless they indicate on whose behalf the statements are made.

e. Engineers shall be dignified and modest in explaining their work and merit, and will avoid any act tending to promote their own interests at the expense of the integrity, honor and dignity of the profession.

CANON 4. Engineers shall act in professional matters for each employer or client as faithful agents or trustees, and shall avoid conflicts of interest.

a. Engineers shall avoid all known or potential conflicts of interest with their employers or clients and shall promptly inform their employers or clients of any business association, interests, or circumstances which could influence their judgment or the quality of their services.

b. Engineers shall not accept compensation from more than one party for services on the same project, or for services pertaining to the same project, unless the circumstances are fully disclosed to and agreed to, by all interested parties.

c. Engineers shall not solicit or accept gratuities, directly or indirectly, from contractors, their agents, or other parties dealing with their clients or employers in connection with work for which they are responsible.

d. Engineers in public service as members, advisors, or employees of a governmental body or department shall not participate in considerations or actions with respect to services solicited or provided by them or their organization in private or public engineering practice.

e. Engineers shall advise their employers or clients when, as a result of their studies, they believe a project will not be successful.

f. Engineers shall not use confidential information coming to them in the course of their assignments as a means of making personal profit if such action is adverse to the interests of their clients, employers or the public.

g. Engineers shall not accept professional employment outside of their regular work or interest without the knowledge of their employers.

CANON 5. Engineers shall build their professional reputation on the merit of their services and shall not compete unfairly with others.

a. Engineers shall not give, solicit or receive either directly or indirectly, any political contribution, gratuity, or unlawful consideration in order to secure work, exclusive of securing salaried positions through employment agencies.
b. Engineers should negotiate contracts for professional services fairly and on the basis of demonstrated competence and qualifications for the type of professional service required.

c. Engineers may request, propose or accept professional commissions on a contingent basis only under circumstances in which their professional judgments would not be compromised.

d. Engineers shall not falsify or permit misrepresentation of their academic or professional qualifications or experience.

e. Engineers shall give proper credit for engineering work to those to whom credit is due, and shall recognize the proprietary interests of others. Whenever possible, they shall name the person or persons who may be responsible for designs, inventions, writings or other accomplishments.

f. Engineers may advertise professional services in a way that does not contain misleading language or is in any other manner derogatory to the dignity of the profession. Examples of permissible advertising are as follows:

- Professional cards in recognized, dignified publications, and listings in rosters or directories published by responsible organizations, provided that the cards or listings are consistent in size and content and are in a section of the publication regularly devoted to such professional cards.

- Brochures which factually describe experience, facilities, personnel and capacity to render service, providing they are not misleading with respect to the engineer’s participation in projects described.

- Display advertising in recognized dignified business and professional publications, providing it is factual and is not misleading with respect to the engineer’s extent of participation in projects described.

- A statement of the engineers’ names or the name of the firm and statement of the type of service posted on projects for which they render services.

- Preparation or authorization of descriptive articles for the lay or technical press, which are factual and dignified. Such articles shall not imply anything more than direct participation in the project described.

- Permission by engineers for their names to be used in commercial advertisements, such as may be published by contractors, material suppliers, etc., only by means of a modest, dignified notation acknowledging the engineers’ participation in the project described. Such permission shall not include public endorsement of proprietary products.

g. Engineers shall not maliciously or falsely, directly or indirectly, injure the professional reputation, prospects, practice or employment of another engineer or indiscriminately criticize another’s work.

h. Engineers shall not use equipment, supplies, laboratory or office facilities of their employers to carry on outside private practice without the consent of their employers.

CANON 6. Engineers shall act in such a manner as to uphold and enhance the honor, integrity, and dignity of the engineering profession and shall act with zero tolerance for bribery, fraud, and corruption.

a. Engineers shall not knowingly engage in business or professional practices of a fraudulent, dishonest or unethical nature.

b. Engineers shall be scrupulously honest in their control and spending of monies, and promote effective use of resources through open, honest and impartial service with fidelity to the public, employers, associates and clients.

c. Engineers shall act with zero tolerance for bribery, fraud, and corruption in all engineering or construction activities in which they are engaged.

d. Engineers should be especially vigilant to maintain appropriate ethical behavior where payments of gratuities or bribes are institutionalized practices.

e. Engineers should strive for transparency in the procurement and execution of projects. Transparency includes disclosure of names, addresses, purposes, and fees or commissions paid for all agents facilitating projects.

f. Engineers should encourage the use of certifications specifying zero tolerance for bribery, fraud, and corruption in all contracts.
CANON 7. Engineers shall continue their professional development throughout their careers, and shall provide opportunities for the professional development of those engineers under their supervision.

a. Engineers should keep current in their specialty fields by engaging in professional practice, participating in continuing education courses, reading in the technical literature, and attending professional meetings and seminars.

b. Engineers should encourage their engineering employees to become registered at the earliest possible date.

c. Engineers should encourage engineering employees to attend and present papers at professional and technical society meetings.

d. Engineers shall uphold the principle of mutually satisfying relationships between employers and employees with respect to terms of employment including professional grade descriptions, salary ranges, and fringe benefits.
CONSTITUTION
of the American Society of Civil Engineers
A Not-for-Profit Corporation
Current as of October 2013

Article 1. General
1.0 Name. The name of this corporation is the American Society of Civil Engineers (hereinafter called the “Society”).
1.1 Headquarters. The headquarters office of the Society shall be determined by the Board of Direction at such place permitted by law and the Certificate of Incorporation. Regional offices may be established at such places as may be determined by the Board of Direction.
1.2 Duration. The duration of the Society is perpetual.
1.3 Purposes and Objective. The purposes of the Society are as stated in the Society’s Certificate of Incorporation. The objective of the Society is the advancement of the science and profession of engineering to enhance the welfare of humanity.

Article 2. Membership
2.0 Grades and Qualifications. Membership in the Society is available worldwide to civil engineers, civil engineering students, and other persons similarly qualified in another branch of engineering or in an allied profession. The voting membership grades of the Society shall be Associate Member, Member, Fellow, Distinguished Member, and President-Emeritus. The non-voting membership grades of the Society shall be Student Member and Affiliate Member. The rights, privileges, responsibilities and qualifications of membership shall be set forth in the Society’s Bylaws and/or other appropriate governing documents.
2.1 Admission. Applicants shall be admitted to membership in the Society in such manner as the Board of Direction may direct.
2.2 Obligations. All members of the Society must subscribe to the Certificate of Incorporation, Constitution, Bylaws, Code of Ethics and other governing documents of the Society.

Article 3. Separations from Membership, Disciplinary Proceedings
3.0 Resignation. Any member of the Society may tender resignation.
3.1 Disciplinary Proceedings. Any member of the Society may be subject to disciplinary proceedings, following notice and an opportunity to be heard, in accordance with procedures adopted by the Board of Direction.
3.2 Expulsion. Any member of the Society may be expelled by affirmative vote of not less than seventy-five percent (75%) of the Board of Direction.

Article 4. Fees and Dues
4.0 Schedule. A schedule of annual dues and fees shall be established by the Board of Direction.

Article 5. Management
5.0 Board of Direction. The corporate powers of the Society shall be vested in the Board of Direction. The Board of Direction shall be responsible for the supervision, control and direction of the Society. The Board of Direction shall provide Bylaws for the regulation and conduct of the Society’s powers and affairs. The Board of Direction shall manage the affairs of the Society in accordance with the applicable laws and the provisions of the Society’s governing documents.
5.1 Executive Committee. The Executive Committee shall exercise such part of the authority of the Board of Direction as delegated and permitted under applicable laws and the Society’s governing documents.
5.2 Executive Director. The Executive Director of the Society is responsible for the detailed management of the affairs of the Society under the authority of the Board of Direction and oversight by the Executive Committee.

5.3 Region Boards of Governors. Regions shall be governed by Region Boards of Governors which shall provide advice to the Board of Direction and manage the affairs of the Region in accordance with the provisions of the governing documents of the Society and of the Region.

Article 6. Officers, Directors and Governors

6.0 Board of Direction. The Board of Direction shall consist of seventeen (17) directors. The directors shall be members of the Society. These directors shall be the President, the latest available Past President continuing to be a member of the Society, the President-elect, twelve (12) Region Directors and two (2) At-Large Directors.

6.1 Executive Committee. The Executive Committee shall consist of the President, the Past President, the President-elect, and the four (4) Region Directors serving in the final year of their term.

6.2 Terms. The term of office for the President is one (1) year, for the Past President is one (1) year, for the President-elect is one (1) year, for the Region Directors is three (3) years and for the At-Large Directors is two (2) years.

6.3 Officers. The Officers of the Society shall be the President, the Past President, the President-elect, the Secretary and the Treasurer.

Article 7. Geographic Regions and Elections

7.0 Regions and Elections. The Board of Direction shall establish constituency-based Regions for the purpose of electing the Region Directors, nominating candidates for President-elect, and for such other purposes as defined in the Bylaws.

Article 8. Meetings

8.0 Annual Membership Meeting. The Society shall hold at least one (1) business meeting annually, termed the Annual Membership Meeting, on a date fixed in the Bylaws. The quorum for the Annual Membership Meeting shall be one hundred (100) voting members. The Society may hold additional business meetings as provided in the Bylaws.

8.1 Board of Direction Meetings. Meetings of the Board of Direction shall be held as determined by the Board of Direction, but the Board of Direction shall hold at least two (2) meetings annually.

8.2 Executive Committee Meetings. Meetings of the Executive Committee shall be held as determined by its chair.

Article 9. Committees, Institutes, Academies, Geographic Units, Foundations, Affiliated and Other Organizational Entities

9.0 Organizational Entities. Committees, Institutes, Academies, Geographic Units, Foundations, Affiliated and other Organizational Entities of the Society may be established or terminated by the Board of Direction as defined in the Bylaws.

Article 10. Administrative Provisions

10.0 Exempt Purposes. The Society is organized exclusively for charitable, educational, literary and scientific purposes within the meaning of Section 501(c)(3) of the Internal Revenue Code of 1986, as amended (or the corresponding provision of any future United States Internal Revenue Code) (hereinafter, the “Code”). The Society shall not carry on any activities not permitted to be carried on by a corporation exempt from Federal income tax under Section 501(c)(3) of the Code.

Article 11. Amendments

11.0 Certificate of Incorporation and Constitutional Amendments.

11.0.1 Proposal. An amendment to the Certificate of Incorporation or Constitution may be proposed in two (2) ways:
11.0.1 Petition. By petition stating the general content of the proposed amendment and signed by not less than one hundred (100) voting Society members from each of at least two-thirds (2/3) of the Regions. Petitions must be presented to the Secretary not less than sixty (60) days in advance of the Board of Direction meeting at which the amendment will be considered.

11.0.1.2 Board of Direction. By the Board of Direction, by two-thirds (2/3) vote of those present and voting, providing written notice containing the general content of the proposed amendment was sent to each member of the Board of Direction at least thirty (30) days prior to the meeting.

11.0.2 Consideration. Any proposed amendment shall be considered by the Board of Direction at its next regularly scheduled meeting providing written notice containing the exact content of the proposed amendment was sent to each member of the Board of Direction at least thirty (30) days prior to such meeting and further providing at least thirty (30) days notice of the consideration of the amendment was sent to the Society membership.

The Board of Direction may recommend the proposed amendment by two-thirds (2/3) vote of those present and voting.

11.0.2.1 Recommendation. The recommended amendment shall be considered on the ballot in an upcoming Society-level election.

11.0.2.2 Non-Recommendation.

11.0.2.2.1 Petition. If an amendment proposed by Petition is not recommended by the Board of Direction, notice will be provided to the membership of the Society relative to this action.

11.0.2.2.1.1 Reintroduction of an Amendment Proposed by Petition. If not recommended by the Board of Direction, an amendment proposed by Petition may be reintroduced by the membership of the Society at either of the subsequent two (2) Annual Membership Meetings held more than sixty (60) days after the Board action on the amendment proposed by Petition. To reintroduce the amendment proposed by Petition, additional petitions, signed by at least fifty (50) voting Society members from each of at least two-thirds (2/3) of the Regions, shall be submitted to the Secretary at least ninety (90) days prior to an Annual Membership Meeting. An amendment proposed by Petition reintroduced in such a manner shall be included on the ballot in an upcoming Society-level election upon recommendation of two-thirds (2/3) of the voting Society members present and voting at the Annual Membership Meeting.

11.0.2.2.1.2 Board of Direction. If after consideration an amendment proposed by the Board of Direction is not recommended, no further action is taken on the proposed amendment.

11.0.3 Action. Adoption of a recommended amendment shall require the affirmative vote of two-thirds (2/3) of the ballots cast thereon by the Society membership in a Society-level election. A committee of Tellers, appointed by the President, shall supervise the tabulation of ballots, which shall be canvassed by the Board of Direction at its next meeting. An adopted amendment shall become effective at the conclusion of the meeting of the Board of Direction at which the ballots are canvassed, or date specified. If not adopted, an amendment may be re-proposed as set forth in this Article.

11.1 Code of Ethics Amendments.

11.1.1 Proposal. An amendment to the Code of Ethics may be presented at any meeting of the Board of Direction, a quorum being present.

11.1.2 Notification. The Society shall publish proposed amendments to the Code of Ethics on the Society’s Web site at least thirty (30) days prior to formal consideration by the Board of Direction.

11.1.3 Action. The Board of Direction may act on a proposed amendment at its next meeting, providing that meeting occurs at least seventy-five (75) days following the meeting at which the proposed amendment was received and further providing that the precise written form of the amendment is sent to the Board of Direction at least thirty (30) days in advance of the meeting. If the Board of Direction determines, by a vote with no more than two (2) Board of Direction
members dissenting, that an emergency exists, the seventy-five (75) day interval between proposal and action may be waived. Adoption by the Board of Direction of a recommended amendment shall require the affirmative vote of two-thirds (2/3) of those present and voting.

11.2 Bylaws Amendments.

11.2.1 Proposal. An amendment to the Bylaws may be presented at any meeting of the Board of Direction, a quorum being present.

11.2.2 Notification. Notification shall be sent to the Society Region Boards of Governors, Section and Branch Presidents, and the Society membership at least thirty (30) days prior to action of the Board of Direction on the proposed amendment.

11.2.3 Action. The Board of Direction may act on a proposed amendment at its next meeting, providing that meeting occurs at least forty-five (45) days following the meeting at which the proposed amendment was received and further providing that the precise written form of the amendment is sent to the Board of Direction at least thirty (30) days in advance of the meeting. If the Board of Direction determines, by a vote with no more than two (2) Board of Direction members dissenting, that an emergency exists, the forty-five (45) day interval between proposal and action may be waived. Adoption by the Board of Direction of a recommended amendment shall require the affirmative vote of two-thirds (2/3) of those present and voting.
BYLAWS
of the American Society Of Civil Engineers
A Not-For-Profit Corporation
Current as of October 2013

Article 1. General

1.0 Name/Abbreviation. The name of this New York not-for-profit corporation is the American Society of Civil Engineers (hereinafter called the “Society”). The abbreviation of the Society is ASCE.

1.1 Definitions.

1.1.1 Civil Engineering. In 2012, the Board of Direction adopted the following definition of “civil Engineering”: Civil Engineering is the profession that utilizes the materials and forces of nature to create, maintain, and improve the built environment, and protect and enhance the natural environment for the progressive well-being of humanity. The practice of civil engineering is founded on the creative analysis and synthesis of scientific, mathematical, and economic principles gained by study, experience, and practice and guided by the imperative to protect the public health, safety, and welfare.

1.1.2 Profession. In 1963, the Board of Direction adopted the following definition of the term “profession” and amplification thereof: “A profession is the pursuit of a learned art in a spirit of public service.” Further, “a profession is a calling in which special knowledge and skill are used in a distinctly intellectual plane in the service of humanity, and in which the successful expression of creative ability and application of professional knowledge are the primary rewards. There is implied the application of the highest standards of excellence in the educational fields prerequisite to the calling, in the performance of services, and in the ethical conduct of its members. Also implied is the conscious recognition of the profession’s obligation to society to advance its standards and to prescribe the conduct of its members.”

1.1.3 Society-level. Society activities exclusive of those of Foundations, Affiliated Entities, and Geographic Units are considered Society-level activities.

1.1.4 Sustainability. In October 2009, the Board of Direction adopted the following definition of “sustainability”: Sustainability is a set of environmental, economic and social conditions in which all of society has the capacity and opportunity to maintain and improve its quality of life indefinitely without degrading the quantity, quality or availability of natural, economic and social resources.

1.1.5 Sustainable Development. In October 2009, the Board of Direction adopted the following definition of “sustainable development”: Sustainable Development is the process of applying natural, human and economic resources to enhance the safety, welfare and quality of life for all of society while maintaining the availability of the remaining natural resources.

Article 2. Membership

2.0 Definitions.

2.0.1 Substantially Equivalent. Programs accredited by non-US countries utilizing criteria recognized by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET) as comparable and whose graduates are judged acceptable for entry into the practice of engineering at the professional level.

2.0.2 Licensure. A citizen of the United States, if working in the United States, must be licensed in the United States as an engineer or surveyor to fulfill the licensure requirements for any membership grade. Licensure in other countries equivalent to licensure in the United States and its territories shall satisfy the licensure requirements for any membership grade.

2.0.3 Responsible Charge of Work.

2.0.3.1 Member. The standard required for admission to the Society’s grade of Member means definite responsibility for engineering work of substantial importance. In the field, the
applicant must have had the direction of work, the successful accomplishment of which rested upon the applicant, where the applicant had to decide questions of methods of execution and suitability of materials, without relying upon advice or instructions from the applicant’s superior, and of supplying deficiencies in plans or correcting errors in design without referring them to higher authority for approval, except in cases where such approval is a mere matter of form. In the office, the applicant must have had to undertake investigations to carry out important assignments demanding resourcefulness and originality; or to make plans, write specifications and direct the drafting and computations for designs of engineering work, with only rough sketches, general information and field measurements for reference and guidance. In engineering teaching, the applicant must have taught in an engineering school of recognized standing, and must have had at least a grade of assistant professor or its equivalent.

2.0.3.2 Fellow. The standard required for advancement to the grade of Fellow is broad responsibility for engineering work of major importance. The duties and responsibilities of the applicant must have been definitely above those required for the grade of Member. Serving in appointed titled positions is not construed as the sole qualifying criterion. It must be demonstrated that the applicant was the primary (or one of the primary) individual(s) who had responsibility for engineering work and its compliance with applicable codes, standards and specifications, or for the integrity of the plans, documents and reports prepared. For projects requiring a team effort by a group of professionals, engineering work of major importance may include the coordination of several engineering or related disciplines, under the direct or indirect supervision of the applicant. In academia, it shall be demonstrated that the applicant has functioned as a leader, guide or directing head of academic programs. In engineering teaching, the applicant must have taught in an engineering school of recognized standing, and must have had at least a grade of associate professor or its equivalent. In the research field, it shall be demonstrated that the applicant has been the principal investigator or has made other major leadership contributions, such as serving on national or international committees outside the individual’s institution.

2.0.4 Eminence. Eminence is defined as recognized superiority in position, character, and achievement through regional, national, or international contributions to the profession.

2.0.5 Related Engineering Program. Related Engineering Programs are defined as any program in a major engineering discipline which is also accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET).

2.1 Membership Grades and Qualifications. Any person who possesses the qualifications for membership as prescribed in Bylaws Article 2.1 may apply for admission or advancement. A member shall only hold one (1) membership grade. The Board of Direction may provide for the waiver of qualifications for membership, except in the grades of Distinguished Member and President-Emeritus.

2.1.1 Student Member. To be eligible for the grade of Student Member, an individual shall:

Criterion 1: be a member of a Society-recognized student organization at the school where enrolled, and be enrolled at least half-time; OR

Criterion 2: be enrolled at a school which is eligible to have an ASCE recognized student organization but currently does not have such an organization, and be enrolled at least half-time; OR

Criterion 3: be a current member in an equivalent grade of an engineering society with which the Society has a current reciprocal membership agreement.

2.1.2 Affiliate Member. To be eligible for the grade of Affiliate Member, an individual shall:

Criterion 1: have an interest in advancing the purpose and objectives of the Society AND not be eligible for the Student Member grade.

2.1.3 Associate Member. To be eligible for the grade of Associate Member, an individual shall:

Criterion 1: have been graduated with a baccalaureate degree from an ABET/EAC-accredited, ABET/TAC-accredited or Substantially Equivalent Civil or Related Engineering Program; OR
**BYLAWS**

2.1.4 **Member.** To be eligible for the grade of Member, an individual shall:

- **Criterion 1:** a) have been graduated with a bachelor’s degree from an ABET/EAC-accredited or Substantially Equivalent civil or Related Engineering Program, AND EITHER b) subsequent to graduation have had responsible charge of engineering work for not less than five (5) years AND three (3) references at least one (1) of which shall be from a Member, Fellow, or Distinguished Member of the Society, OR c) be a licensed Professional Engineer or Professional Surveyor in the United States or in the country in which they reside (if such licensure is available); OR

- **Criterion 2:** a) have been graduated with a bachelor’s degree from a non-ABET/EAC four (4) (or more) year curriculum acceptable to the Membership Application Review Committee in engineering, engineering technology, or related science, AND b) subsequent to graduation have had responsible charge of engineering work for not less than five (5) years, AND c) be a licensed Professional Engineer or Professional Surveyor in the United States or in the country in which they reside (if such licensure is available); OR

- **Criterion 3:** a) have been graduated with a master’s degree in civil engineering from a school having an ABET/EAC-accredited or Substantially Equivalent civil engineering program, AND EITHER b) subsequent to graduation have had responsible charge of engineering work for not less than four (4) years AND c) provide three (3) references at least one (1) of which shall be from a Member, Fellow, or Distinguished Member of the Society OR d) be a licensed Professional Engineer or Professional Surveyor in the United States or in the country in which they reside (if such licensure is available); OR

- **Criterion 4:** a) have been graduated with a doctorate degree in civil engineering from a school having an ABET/EAC-accredited or Substantially Equivalent civil engineering program AND EITHER b) subsequent to graduation have had responsible charge of engineering work for not less than three (3) years AND c) provide three (3) references from Society members (at least two (2) references must be from Society Fellows), AND d) be nominated by an Organizational Entity of the Society, AND EITHER e) have had responsible charge for not less than ten (10) years, in the grade of Member, of important work in civil or related engineering or surveying and be qualified to direct, conceive, plan, or design engineering works; OR f) have had

**2.1.5 Fellow.** There is no direct admission to the grade of Fellow. To be eligible for the grade of Fellow, an individual shall advance from the grade of Member, AND b) be a licensed Professional Engineer or Professional Surveyor, in the United States or in the country in which the Member resides (if such licensure is available), AND c) provide three (3) references from Society members (at least two (2) references must be from Society Fellows), AND d) be nominated by an Organizational Entity of the Society, AND EITHER e) have had responsible charge for not less than ten (10) years, in the grade of Member, of important work in civil or related engineering or surveying and be qualified to direct, conceive, plan, or design engineering works; OR
2.1.6 **Distinguished Member.** To be eligible for the grade of Distinguished Member, a Member or Fellow of the Society shall have attained acknowledged eminence in some branch of engineering or in the arts and sciences related thereto. The total number of Distinguished Members elected in any year shall not exceed one (1) for every seventy five hundred (7,500) voting Society members. Members of the Board of Direction are ineligible for election to Distinguished Membership during their terms of active membership on the Board of Direction, as election of Distinguished Members shall be by vote of the Board of Direction. Declared Candidates or Nominees for the office of President-elect are ineligible for election to Distinguished Member during the election cycle. The President-elect Elect and Presidents-Emeriti of the Society are ineligible for Distinguished Member status.

2.1.7 **President-Emeritus.** To attain the grade of President-Emeritus a member shall have completed a term as Past President of the Society.

2.2 **Membership Classifications, Titles and Qualifications.** The rights, obligations and procedures for awarding the Society’s Membership Classifications and Titles shall be as determined by the Society. These classifications and titles do not constitute additional membership grades.

2.2.1 **Life Member.** To be eligible for Life Member, individuals in the grade of Fellow, Member, Associate Member, or Affiliate a) shall have reached the age of 65 years AND b) shall have paid dues in any membership grade except Student Member for at least thirty-five (35) years AND c) shall have had at least ten (10) years continuous membership immediately preceding the attainment of Life Member.

2.2.2 **Institute Member.** To be eligible for Institute Member, an individual shall be a Society member in good standing who is also a member of one (1) or more of the Society’s Institutes.

2.2.3 **Institute-Only Member.** To be eligible for an Institute-Only Member, an individual shall be a member in good standing of one (1) or more of the Society’s Institutes, but not of the Society.

2.2.4 **Younger Member.** To be eligible for Younger Member, an individual shall be a Member, Associate Member or Affiliate Member thirty-five (35) years of age or younger.

2.2.5 **Honorary Fellow.** The title of Honorary Fellow does not constitute membership in the Society. To be eligible for Honorary Fellow, an individual shall have (1) demonstrated achievement and contributed noteworthy services in any field of endeavor, (2) adhered to high standards of conduct, and (3) have benefited their communities, nation and humanity.

2.2.5.1 **Honorary International Fellow.** The title of Honorary International Fellow does not constitute membership in the Society. To be eligible for Honorary International Fellow, an individual shall have met all the criteria for Honorary Fellow and shall reside outside the United States.

2.3 **Application for Membership.** Application for membership in the Society, including application forms, references, and qualification verification and approval, shall be made in such manner as the Society may direct.

2.3.1 **Confidentiality of Application.** Application and member information shall be considered confidential and shall not be released or provided for other than Society business unless the release of such information is 1) authorized by the Board of Direction, 2) authorized by the individual Society member, or 3) required by law.

**Article 3. Separations From Membership, Disciplinary Proceedings**

3.0 **Code of Ethics.** All members of the Society shall be familiar with the Society’s Code of Ethics and bound by its provisions.

3.0.1 **Violations.** It is the duty of every Society member to report promptly to the Committee on Professional Conduct any observed violation of the Society’s Code of Ethics.
3.1 **Separations from Society Membership.** Society membership shall be terminated by (a) death of the member, (b) nonpayment of dues, (c) resignation, or (d) expulsion.

3.1.1 **Nonpayment of Dues.** Society membership shall terminate in the event the Society member’s dues become twelve (12) months in arrears.

3.1.2 **Resignations.** Any member of the Society may tender resignation of Society membership. Separation from Society membership will be effective upon receipt of notification or upon acceptance by the Board of Direction for resignations received while under investigation.

3.1.3 **Expulsion.** Any member of the Society may be expelled as disciplinary action for conduct which in the opinion of the Board of Direction is improper and prejudicial to the best interests of the Society.

3.1.4 **Reinstatement of Membership.** Former members of the Society may be reinstated to the same grade in the manner prescribed by the Society.

3.2 **Disciplinary Proceedings.** A Society member may be subjected to disciplinary action for violation of any of the provisions of the Certificate of Incorporation, Constitution, Bylaws, Code of Ethics, or other governing documents of the Society, or for conduct which in the opinion of the Executive Committee is improper and prejudicial to the best interests of the Society.

3.2.1 **Procedures for Professional Conduct Cases.** Professional Conduct Cases shall be conducted in accordance with Article 3 of the Rules of Policy and Procedure.

3.2.1.1 **Outcomes of Professional Conduct Proceedings.** Professional Conduct Proceedings result in one (1) of the following: exoneration, letter of admonition, suspension, or expulsion, which may include additional disciplinary actions.

3.2.2 **Nonpayment of Dues While Under Investigation.** If at the time a Society member’s dues become twelve (12) months in arrears and the Society member has been advised by the Society that it is investigating the member’s possible involvement in activities for which the Society member could be subjected to disciplinary action, termination of Society membership shall be with prejudice.

3.2.3 **Resignation While Under Investigation.** A Society member who has been advised by the Society that it is investigating the Society member’s possible involvement in activities for which the Society member could be subjected to disciplinary action may tender resignation of Society membership for Board of Direction consideration. If accepted by the Board of Direction, such tendered resignation shall be with prejudice.

3.2.4 **Rights and Privileges.** A Society member who has been expelled from Society membership shall not serve on any committee or be allowed any of the rights and privileges of membership in the Society.

During the period of suspension, a Society member who has been suspended shall not serve on any committee or be allowed any of the rights and privileges of membership in the Society except they may continue to participate in the Society insurance program.

3.2.5 **Reinstatement of Membership.**

3.2.5.1 **Expulsion.** A former member of the Society separated by expulsion proceedings shall not be reinstated to Society membership except by action of the Board of Direction. The former Society member shall make an application to the Committee on Professional Conduct, which shall then prepare a report and recommendation on the reinstatement for the Board of Direction. A seventy-five percent (75%) vote of the Board of Direction shall be required to effect such reinstatement.

3.2.5.2 **Membership Termination With Prejudice.** A former member of the Society who either resigns voluntarily or is dropped for nonpayment of dues after having been advised by the Society that it is investigating the member’s possible involvement in activities for which the member could be subjected to disciplinary action, shall not be reinstated except by a two-thirds (2/3) vote of the Executive Committee. The former Society member shall make an application to the Committee on Professional Conduct, which shall prepare a report and recommendation on the reinstatement for the Executive Committee.
Article 4. Fees And Dues

4.0 Dues Year. The Society’s dues year is from January 1 through December 31.

4.1 Right to Levy Fees and Dues. The Board of Direction may establish entrance and other appropriate fees. The Board of Direction shall establish a schedule of dues, by a two-thirds (2/3) vote, for the individual grades of membership.

Organizational entities may include in their governing documents a levy of fees and/or dues for membership in that organizational entity.

4.1.1 Dues Indexing. The Board of Direction shall consider a proposed dues increase when an adjustment for inflation, as defined in Article 4 of the Rules of Policy and Procedure, is required.

4.2 Obligation to Pay. Except as otherwise provided in these Bylaws, every member shall be obligated to pay the fees and dues identified herein in advance of January 1. A person who is elected to membership in the Society after June 30 in any calendar year shall pay only one-half (1/2) of the year’s dues. A Society member who is advanced from any grade to a higher grade in the Society shall pay the annual dues of the higher grade, effective the next Society membership year.

4.2.1 Good Standing. A Society member whose obligation to pay is current shall be a Society member in good standing.

4.3 Delinquency. Any Society member who is not in good standing may forfeit rights and privileges of membership as determined by the Board of Direction.

4.4 Dues Abatement. The Executive Committee may excuse any Society member from the payment of annual dues.

4.5 Dues Reduction. Certain membership classifications or groups may be offered reduced dues.

Article 5. Management

5.0 Board of Direction Duties. The Board of Direction shall be policy-based, defined as a deliberating body which has fiduciary, legal and strategic responsibilities and focuses on continuous strategic planning, determines desired outcomes, develops and approves policy imperatives to guide operations and ensures the Society uses these policies to work toward meeting its vision and fulfilling its mission.

5.1 Executive Committee Duties. The Executive Committee shall be oversight-based, having detailed responsibilities such as monitoring day-to-day operations, overseeing details of financial management, coordinating/implementing the actions of the Board of Direction and communicating results/progress to the Board of Direction and to the Society membership.

5.2 Executive Director Duties. Under the oversight of the Executive Committee and the Board of Direction, the Executive Director shall be the chief staff officer of the Society. The Executive Director shall serve as Secretary of the Board of Direction and of the Executive Committee (duties of the Secretary are defined in Bylaws 6.0.4.5). The Executive Director shall have charge of the property, books, accounts, and the quarters of the Society, and shall be responsible for the management and administration of the Society.

5.2.1 Hiring, Retention, and Separation. A majority vote of the whole Board of Direction in a regular or special meeting shall be required to employ or terminate the services of the Executive Director. The term of the Executive Director begins on employment and concludes on separation from employment.

5.2.1.1 Termination of Services. Termination of services shall include, but not be limited to, non-renewal of contract, termination with cause, and termination without cause.

5.2.1.2 Resignation. Subject to any applicable contract language, the Executive Director may tender resignation at any point during the term of service. Such resignation does not require acceptance by the Board of Direction.

5.2.2 Compensation. The compensation of the Executive Director shall be in such amount as shall be determined by the Executive Committee within the guidelines established by the Internal Revenue Service (IRS) for not-for-profit corporations.
5.3 Regions.

5.3.1 Geographic Regions. All members shall be assigned to Geographic Regions by the Board of Direction on the basis of their Address of Record. In determining the boundaries of Geographic Regions, the Board of Direction shall be guided by the following:

5.3.1.1 Number. There shall be no more than ten (10) Geographic Regions, no more than nine (9) of which shall be comprised of members with an Address of Record in the United States and Puerto Rico, and one (1) of which shall be comprised of all other members.

5.3.1.2 Boundaries. Boundaries of Geographic Regions shall be established, as nearly as practicable, to conform to Section, Branch, International Group, country, state, or county boundaries. In the determination of boundaries of Geographic Regions, due consideration shall be given to such factors as mutuality of interests, facilities for travel, member population and geographic units within each Geographic Region.

5.3.1.3 Reallocation. Boundaries of Geographic Regions shall be subject to revision by the Board of Direction.

5.3.2 Technical Region. Members who elect to join an Institute shall also be assigned to the Technical Region.

5.3.2.1 Primary Institute. A member’s Primary Institute shall be the first Institute the member joined or was assigned to, or the Institute selected at the time of membership renewal.

5.4 Region Boards of Governors. Region Boards of Governors will exist for each Geographic Region and the Technical Region. Region Boards of Governors are management entities of the Society, but for purposes of communication with the Board of Direction and the public, shall act as an Organizational Entity.

5.4.1 Governing Documents. Every Region Board of Governors shall adopt Bylaws, which shall be approved by the Board of Direction. Revisions to Region Bylaws may be proposed by action of the Region Board of Governors as prescribed in such Bylaws, or by action of the Society’s Board of Direction. No amendment to Region Bylaws shall become effective unless and until it is approved by the Society’s Board of Direction.

5.4.2 Geographic Region Boards of Governors. Geographic Region Boards of Governors shall be established for each Geographic Region.

5.4.2.1 Composition. Geographic Region Boards of Governors shall be comprised of at least five (5) Geographic Region Governors, at least four (4) of whom are elected and at least one (1) of whom is appointed, and the Geographic Region Director who shall serve as chair.

5.4.2.2 Duties. The Geographic Region Boards of Governors shall be responsible for establishing, reforming, or dissolving Geographic Units within their Region; assist in developing and implementing the Society’s Strategic Plan; provide leadership and direction for Region technical, professional and educational activities; serve as a resource to Sections for Society-level programs; provide input to the Board of Direction on policy initiatives; facilitate the election process for Geographic Region Directors and Geographic Region Governors; participate in the nomination process for President-elect; and foster communications to and from the Board of Direction and between the Region’s Organizational Entities.

5.4.2.3 Funding. Geographic Region Boards of Governors shall receive funding on an annual fiscal year basis to support management functions.

5.4.3 Create Assemblies. A Region Board of Governors may create an Assembly, which is a Region-wide, representative body. The Region governing documents shall define the composition of its Assembly. An Assembly may be terminated by its Region Board of Governors.

5.4.4 Technical Region Board of Governors. A Technical Region Board of Governors shall be established for the Technical Region.

5.4.4.1 Composition. The Technical Region Board of Governors shall be comprised of two (2) current voting Technical Region Governors from each Institute, and the two (2) Technical Region Directors. The senior Technical Region Director shall chair the Technical Region
Board of Governors. If the senior Technical Region Director is not available then the junior Technical Region Director shall chair the Technical Region Board of Governors.

5.4.4.2 Duties. The Technical Region Board of Governors shall facilitate the election process for Technical Region Directors and participate in the nomination process for President-elect. The Technical Region Board of Governors reviews the activities of the Institutes and distributes best practices among the Institutes.

5.5 Financial Management.

5.5.1 Fiscal Year. The fiscal year of the Society shall be from October 1 to September 30.

5.5.2 Annual Budget. An annual budget shall be adopted by the Board of Direction prior to the start of each fiscal year.

5.5.3 Audit of Society Financial Statements. The Board of Direction shall engage an independent Certified Public Accountant to annually audit the financial statements of the Society. The audit report and financial statements shall be presented to the Board of Direction for acceptance.

5.5.4 Society Reserves. To help ensure financial viability, the Society shall establish a Reserves Policy stating the percentage of expendable net assets (reserves) to annual expenses that shall be maintained.

5.5.4.1 Definition. The accounting book value of the Society’s assets less its liabilities equals its net assets. Consolidated net assets are those net assets of the Society, the Institutes and its affiliates. Expendable net assets (Reserves) are defined as total consolidated unrestricted net assets less the book value of property and equipment reduced by outstanding debt secured by property and equipment.

5.5.4.2 Reserves Policy. The Society shall establish a Reserves Policy to help ensure the ongoing financial viability of the organization. The Reserves Policy designates a target amount of consolidated unrestricted net assets to be maintained by the Society. The target amount of expendable net assets is computed as the percentage of expendable net assets to consolidated annual expenses. The Board of Direction has set the Society’s target at thirty-five percent (35%).

Article 6. Officers, Directors and Governors

6.0 Officers. The elected officers of the Society shall be a President, the Past President continuing to be a member of the Board of Direction, and a President-elect. The appointed officers are a Secretary and a Treasurer, who hold office at the pleasure of the Board of Direction. The Officers of the Society shall perform all duties required by law and the Society’s governing documents, and those duties incident to the office or as may be assigned. Such duties may include, but are not limited to preparation for, attendance at and participation in meetings of the Board of Direction, Executive Committee, and other official assignments.

6.0.1 President.

6.0.1.1 Qualifications. Candidates for President shall be voting Society members in Good Standing and shall have had prior service on the Board of Direction.

6.0.1.2 Term. The President shall serve a one (1) year term. The President shall assume the office immediately following the conclusion of a term as President-elect. After serving one (1) full term, the President shall be ineligible for re-election to the same office.

6.0.1.3 Vacancy. Vacancies in the office of President shall be filled for the unexpired portion of the term by a qualified member of the Board of Direction as determined by the Board of Direction at the time of the vacancy.

6.0.1.4 Compensation. The President does not receive compensation for services but may be reimbursed for expenses.

6.0.1.5 Duties. The President shall preside at Business Meetings of the Society and shall chair and attend all meetings of the Board of Direction and the Executive Committee.

6.0.2 President-elect.
6.0.2.1 Qualifications. Candidates for President-elect shall be voting Society members in Good Standing. Additionally, Candidates for President-elect shall have completed one (1) full term of service on the Board of Direction or served as institute representative to the Board of Direction between 2000 and 2005.

6.0.2.2 Term. The President-elect shall serve a one (1) year term. After serving one (1) full term, the President-elect shall be ineligible for re-election to the same office. The term of office of the President-elect shall begin upon installation, normally at the Annual Membership Meeting, and shall continue until a successor is installed.

6.0.2.3 Vacancy. Vacancies in the office of President-elect may be filled for the unexpired portion of the term by a qualified member of the Board of Direction, as determined by the Board of Direction at the time of the vacancy.

6.0.2.4 Compensation. The President-elect does not receive compensation for services but may be reimbursed for expenses.

6.0.2.5 Duties. The President-elect shall act in place of the President when the President is not available. The President-elect shall also serve as the vice-chair and attend all meetings of the Board of Direction and Executive Committee.

6.0.3 Past President.

6.0.3.1 Qualifications. The Past President shall be a voting Society member in Good Standing and shall have had prior service on the Board of Direction as President.

6.0.3.2 Term. The Past President shall serve a one (1) year term immediately following the conclusion of a term as President. A President-Emeritus may be recalled to serve as needed.

6.0.3.3 Vacancy. Vacancies in the office of Past President shall be filled for the unexpired portion of the term by the most recent available President-Emeritus.

6.0.3.4 Compensation. The Past President does not receive compensation for services but may be reimbursed for expenses.

6.0.3.5 Duties. The Past President serves as chair of the Board of Direction Nominating Committee. The Past President shall also lead the annual review of the Executive Director and report on this activity to the Board of Direction. The Past President shall attend all meetings of the Board of Direction and Executive Committee and chair the Presidents-Emeriti Council.

6.0.4 Secretary.

6.0.4.1 Qualifications. The Secretary shall be a voting Society member in Good Standing. The Executive Director shall serve as Secretary.

6.0.4.2 Term. The term of the Secretary coincides with the term of employment of the Executive Director, as defined in Bylaws 5.2.1.

6.0.4.3 Vacancy. Vacancies in the office of Secretary shall be filled by action of the Board of Direction upon recommendation of the Executive Committee.

6.0.4.4 Compensation. The Secretary shall be compensated for duties performed as Executive Director, as defined in Bylaws 5.2.2.

6.0.4.5 Duties. The Executive Director shall serve as Secretary and attend all meetings of the Board of Direction and of the Executive Committee (duties of the Executive Director are defined in Bylaws 5.2). The Secretary shall serve as secretary at all meetings of the Society, the Board and the Executive Committee.

6.0.4.6 Deputy Secretary. One (1) Deputy Secretary shall be appointed by the Board of Direction upon nomination of the Executive Committee from the Society’s membership for an annual term and may be reappointed. The Deputy Secretary shall serve under the direction of the Secretary and may temporarily assume duties of the Secretary when the Secretary is absent or disabled.

6.0.4.7 Assistant Secretary. One (1) or more Assistant Secretaries may be appointed by the Board of Direction upon nomination of the Executive Committee from the Society’s membership for an annual term and may be reappointed. The Assistant Secretary shall serve
6.0.5 Treasurer.

6.0.5.1 Qualifications. The Treasurer shall be a voting Society member in Good Standing and shall have had prior service on the Board of Direction.

6.0.5.2 Term. The Treasurer shall serve a one (1) year term. The Treasurer is eligible for reappointment. A majority vote of the whole Board of Direction in a regular or Special Meeting, and upon the nomination of the President-elect, shall be required to appoint the Treasurer. The term of the Treasurer begins upon installation, normally at the Annual Membership Meeting, and shall continue until a successor is installed.

6.0.5.3 Vacancy. Vacancies in the office of Treasurer shall be filled by appointment of the Board of Direction upon nomination of the President-elect.

6.0.5.4 Compensation. The Treasurer does not receive compensation for services but may be reimbursed for expenses.

6.0.5.5 Duties. The Treasurer shall monitor the general and trust funds of the Society, shall oversee all transactions in securities and shall provide an annual financial report to the Board of Direction. The Treasurer shall serve as the Chair of the Program and Finance Committee. The Treasurer shall attend all meetings of the Board of Direction, the Executive Committee and the Audit Committee. There shall be an Assistant Treasurer to assist the Treasurer in execution of these duties.

6.0.5.6 Assistant Treasurer. An Assistant Treasurer shall be appointed by the Board of Direction upon nomination of the President-elect from the Society’s membership for an annual term and may be reappointed. The Assistant Treasurer shall be a voting Society member in Good Standing and shall have had prior service on the Board of Direction. The Assistant Treasurer shall serve under the direction of the Treasurer and may temporarily assume duties of the Treasurer when the Treasurer is absent or disabled. The Assistant Treasurer shall attend all meetings of the Board of Direction. The term of the Assistant Treasurer begins upon installation, normally at the Annual Membership Meeting, and shall continue until a successor is installed.

6.1 Society Directors. There shall be fourteen (14) Society Directors. Society Directors shall perform all duties required by law and the Society’s governing documents, and those duties incident to the office or as may be assigned. Society Directors shall consist of Region Directors, either geographic or technical, and At-Large Directors.

6.1.1 Region Directors. There shall be twelve (12) Region Directors, ten (10) representing Geographic Regions and two (2) representing the Technical Region.

6.1.1.1 Geographic Region Directors.

6.1.1.1.1 Qualifications. Candidates for the office of Geographic Region Director shall be voting Society members in Good Standing, shall have an Address of Record within the Region being represented, and shall have served as a Geographic Region Governor. After serving one (1) full term, Geographic Region Directors shall be ineligible for re-election to the office of Society Director. Additionally, any person who was inducted as Society President-elect or Vice President is ineligible for re-election as a Geographic Region Director. All other former Board of Direction members who were nominated by Districts are eligible to serve.

6.1.1.1.2 Term. Geographic Region Directors shall serve a three (3) year term. The term of Geographic Region Directors shall begin upon installation, normally at the Annual Membership Meeting, and shall continue until a successor is installed.

6.1.1.1.3 Vacancy. Vacancies in the office of Geographic Region Director shall be filled for the unexpired portion of the term by appointment of the appropriate Geographic Region Board of Governors.

6.1.1.1.4 Compensation. Geographic Region Directors do not receive compensation for their services but may be reimbursed for expenses.
6.1.1.1.5 Duties. Duties of a Geographic Region Director shall include, but are not limited to, chairing a Geographic Region Board of Governors, dialogue with constituents and preparation for, attendance at and participation in meetings of the Board of Direction and other official assignments.

6.1.1.2 Technical Region Directors.

6.1.1.2.1 Qualifications. Candidates for the office of Technical Region Director shall be voting Society members in Good Standing, and shall have served as a voting member on an Institute Board of Governors. After serving one (1) full term, Technical Region Directors shall be ineligible for re-election to the office of Society Director. Additionally, any person who was inducted as Society President-elect or Vice President is ineligible for re-election as a Technical Region Director. All other former Board of Direction members who were nominated by Districts are eligible to serve.

6.1.1.2.2 Term. Technical Region Directors shall serve a three (3) year term. The term of Technical Region Directors shall begin upon installation, normally at the Annual Membership Meeting, and shall continue until a successor is installed.

6.1.1.2.3 Vacancy. Vacancies in the office of Technical Region Director shall be filled for the unexpired portion of the term by appointment of the Technical Region Board of Governors.

6.1.1.2.4 Compensation. Technical Region Directors do not receive compensation for their services but may be reimbursed for expenses.

6.1.1.2.5 Duties. Duties of a Technical Region Director shall include, but are not limited to, chairing the Technical Region Board of Governors, dialogue with constituents and preparation for, attendance at and participation in meetings of the Board of Direction and other official assignments.

6.1.2 At-Large Directors. There shall be two (2) At-Large Directors.

6.1.2.1 Qualifications. Candidates for the office of At-Large Director shall be Society members in Good Standing at any grade except Student Member and shall have demonstrated expertise or special perspective deemed desirable by the Board of Direction. After serving one (1) full term, At-Large Directors shall be ineligible for election to the office of Society Director.

6.1.2.2 Term. At-Large Directors shall serve a two (2) year term. The term of At-Large Directors shall begin upon installation, normally at the Annual Membership Meeting, and shall continue until a successor is installed.

6.1.2.3 Vacancy. Vacancies in the office of At-Large Director shall be filled for the unexpired portion of the term by appointment of the Board of Direction.

6.1.2.4 Compensation. At-Large Directors do not receive compensation for their services but may be reimbursed for expenses.

6.1.2.5 Duties. Duties of the At-Large Director shall include, but are not limited to, preparation for, attendance at and participation in meetings of the Board of Direction and other official assignments.

6.2 Region Governors.

6.2.1 Geographic Region Governors.

6.2.1.1 Qualifications. A Geographic Region Governor shall be a Society member in Good Standing; have an Address of Record within the Region being represented; have served as a Section or Branch officer, as a member of a Section or Branch committee, or as a member of a Standing Board or Society Committee; and shall not currently be serving or pursuing nomination as a Technical Region Governor.

6.2.1.2 Term. Geographic Region Governors shall serve a three (3) year term. After serving two (2) full terms, Geographic Region Governors shall be ineligible to serve as a Geographic Region Governor. The term of a Geographic Region Governor shall begin upon installation and shall continue until a successor is installed.
6.2.1.3 *Vacancy.* Vacancies in the office of Geographic Region Governor shall be filled for the unexpired portion of the term by appointment of the Geographic Region Board of Governors. A change in the Address of Record of a Geographic Region Governor to an Address of Record outside the boundaries of the Region vacates the office of Geographic Region Governor.

6.2.1.4 *Compensation.* Geographic Region Governors do not receive compensation for their services but may be reimbursed for expenses by the Region, in accordance with Society policy.

6.2.1.5 *Duties.* Duties of the Geographic Region Governor shall include, but are not limited to, preparation for, attendance at and participation in meetings of the Geographic Region Board of Governors and other official assignments.

6.2.2 *Technical Region Governors.*

6.2.2.1 *Term.* The term of a Technical Region Governor is determined by each Institute’s Bylaws, but shall not exceed the term prescribed by the Technical Region Board of Governors.

6.2.2.2 *Vacancy.* Vacancies in the office of Technical Region Governor shall be filled as defined in the appropriate Institute’s Bylaws.

6.2.2.3 *Compensation.* Technical Region Governors do not receive compensation for their services but may be reimbursed for expenses by the Institute, in accordance with Society policy.

6.2.2.4 *Duties.* Duties of the Technical Region Governor shall include, but are not limited to, preparation for, attendance at and participation in meetings of the Technical Region Board of Governors and other official assignments.

6.3 *Removal from Office.* The incapacitation of any Officer, Director or Region Governor of the Society, or neglect in the performance of the duties of the office, may be grounds for removal from office by the Board of Direction. A Region Governor may also be removed by the Region Board of Governors.

6.4 *Seniority.* Seniority between persons holding similar offices shall be determined by priority of election to the office, and when these dates are the same, by priority of admission to membership; and when the latter dates are identical, the selection shall be made by lot.

6.5 *Exceptions to Terms or Qualifications.* In cases where Constitutional amendments or reallocation make it desirable during resulting periods of transition that changes be made in terms of office or qualifications for office, the Board of Direction shall be authorized to modify the terms of office or qualifications for office for Directors or Governors. In unusual cases when conformance to qualifications cannot be satisfied, the Board of Direction shall be authorized to modify the qualifications for office for Region Directors. When conformance to qualifications cannot be satisfied, the Region Board of Governors shall be authorized to modify the qualifications for office for Region Governors and shall notify the Secretary that such action has taken place.

### Article 7. Regions And Elections

7.0 *Definitions.*

7.0.1 *Address of Record.* The mailing address designated by the Society member, except an APO or other temporary address, shall be considered as the Address of Record unless the Society member instructs otherwise.

7.0.2 *Candidate.* A Candidate is a qualified Society member who is pursuing or considering the pursuit of an elected office within the Society.

7.0.3 *Nominee.* A Nominee is a Candidate who has received the nomination of a Nominating Committee, or who has submitted a validated petition for nomination to the Society Secretary.

7.1 *Composition of Nominating Committees.*

7.1.1 *Composition of Geographic Region Nominating Committee.* Each Geographic Region Board of Governors excluding any Candidates, shall, as a minimum, comprise the Geographic
Region Nominating Committee. Geographic Regions may designate in their Bylaws additional members for their Geographic Region Nominating Committee, and designation of the Chair.

7.1.2 Composition of Technical Region Nominating Committee. The Technical Region Board of Governors excluding any Candidates shall, as a minimum, comprise the Technical Region Nominating Committee. The Chair of the Technical Region Nominating Committee shall be the chair of the Technical Region Board of Governors.

7.1.3 Composition of Board of Direction Nominating Committee. The Board of Direction Nominating Committee shall consist of the then current Board of Direction, exclusive of its President and President-elect, and the two (2) most immediate Presidents-Emeriti who are available and willing to serve. A current member of the Board of Direction Nominating Committee shall be ineligible for nomination for the office of President-elect. The Chair of the Board of Direction Nominating Committee shall be the Past President.

7.1.3.1 Board of Direction Nominating Committee Charge. The Board of Direction Nominating Committee shall select Official Nominees for President-elect and recommend appointment of the At-Large Director for confirmation by the Board of Direction. Each Board of Direction Nominating Committee member shall recognize the critical importance of the Nominating Committee’s work; undertake due diligence in assessing all Nominees; carefully listen to the President-elect Nominees’ presentations; ask thoughtful questions of the President-elect Nominees during the Nominating Committee meeting; review each Nominee’s qualifications and ability to move the Society toward its vision; be willing to make decisions when presented with multiple Nominees; remain objective in order to render the discovery and deliberation process valuable; be free of business and personal relationships that could interfere with the Committee’s exercise of independent judgment; and consider all areas of diversity when selecting Official Nominees.

7.2 Nomination for President-elect.

7.2.1 Eligibility. Candidates for President-elect shall pursue nomination through only one (1) Region for the duration of an Election Cycle.

7.2.2 Obligation to Nominate. A Region is not required to make a nomination for President-elect.

7.2.3 Nomination Process.

7.2.3.1 Declaration. Candidates for the office of President-elect shall declare their intent to pursue office through the Geographic or Technical Region by submitting a Letter of Intent to Serve to the Chair of the appropriate Region Board of Governors and the Society Secretary.

7.2.3.2 Society Secretary Notification. The Society Secretary shall distribute the consolidated pool of Candidates for the office of President-elect to the Geographic and Technical Region Boards of Governors.

7.2.4 Nomination by Board of Direction Nominating Committee.

7.2.4.1 Interview of Nominees. All Nominees for President-elect whose names are properly submitted by Regions or Petition to the Chair of the Board of Direction Nominating Committee shall be invited to the Spring meeting of the Board of Direction, and shall be available for discussion with the Board of Direction Nominating Committee. Reimbursement of travel expenses within the Society’s guidelines shall be provided, if requested.

7.2.4.2 Procedure. The Board of Direction Nominating Committee shall select up to two (2) Official Nominees for President-elect. If only one (1) Region Nominee is forwarded from the Region Nominating Committees, that Region Nominee shall be the Society’s Official Nominee. If zero (0) Region Nominees are forwarded from the Region Nominating Committees, the Board of Direction Nominating Committee shall select the Society’s Official Nominee.

7.2.5 Petition to Election Ballot. Only those Nominees for President-elect who were considered by the Board of Direction Nominating Committee but not selected as an Official Nominee for President-elect may seek a petition route to the election ballot.

7.3 Nomination of Region Directors.

7.3.1 Rotation. Every year four (4) Region Directors are installed.
7.3.2 **Selection.** A Candidate shall pursue nomination for Region Director in only one (1) Region for the duration of an Election Cycle.

7.3.3 **Geographic Region Director.**

7.3.3.1 **Nomination by Geographic Region Nominating Committee.**

7.3.3.1.1 **Procedure.** A Geographic Region Nominating Committee shall select up to two (2) Official Nominees for Geographic Region Director. If only one (1) Candidate is forwarded to the Geographic Region Nominating Committee then, that Candidate shall be the Official Nominee. If there are no Candidates the Geographic Region Nominating Committee shall select the Official Nominee(s).

7.3.3.2 **Petition to Election Ballot.** Only those Candidates for Geographic Region Director who were considered by a Geographic Region Nominating Committee but not selected as an Official Nominee for Geographic Region Director may seek a petition route to the election ballot.

7.3.4 **Technical Region Director.**

7.3.4.1 **Nomination by Technical Region Nominating Committee.**

7.3.4.1.1 **Procedure.** The Technical Region Nominating Committee shall select up to two (2) Official Nominees for Technical Region Director. If only one (1) Candidate is forwarded to the Technical Region Nominating Committee, that Candidate shall be the Official Nominee. If there are no Candidates, the Technical Region Nominating Committee shall select the Official Nominee(s).

7.3.4.2 **Petition to Election Ballot.** Only those Candidates for Technical Region Director who were considered by the Technical Region Nominating Committee but not selected as an Official Nominee may seek a petition route to the election ballot.

7.4 **Nomination of At-Large Directors.**

7.4.1 **Rotation.** Every year at least one (1) At-Large Director is installed.

7.4.2 **Selection.** A Candidate for At-Large Director shall not pursue nomination for any other Society Office during the Election Cycle.

7.4.3 **Nomination by At-Large Director Review Panel.**

7.4.3.1 **Composition.** The At-Large Director Review Panel is chaired by the immediate Past President and shall consist of the five (5) Society Directors who will be serving the second year of their term during the Election Cycle for which they are submitting Nominees, the Chair of the Industry Leaders Council or their representative, and the immediate President-Emeriti who is available and willing to serve.

7.4.3.2 **At-Large Director Review Panel Charge.** The At-Large Director Review Panel shall develop recommended criteria for the following Election Cycle. Each member shall recognize the critical importance of the At-Large Director Review Panel’s work; exercise due diligence in assessing all Candidates under consideration; review each Candidate’s qualifications and ability to move the Society toward its vision; be willing to make decisions when presented with multiple Candidates; remain objective in order to render the discovery and deliberation process valuable; be free of business and personal relationships that could interfere with the Review Panel’s exercise of independent judgment; and consider all areas of diversity when selecting Nominees. The At-Large Director Review Panel shall recommend to the Board of Direction one (1) individual for appointment to office.

7.4.3.3 **Procedure.**

7.4.3.3.1 **Development of At-Large Director Criteria.** The At-Large Director Review Panel shall submit to the Board of Direction proposed At-Large Director criteria for the following Election Cycle. The proposed At-Large Director criteria shall be submitted to the Society Secretary not later than September 1 for inclusion on the Fall Board agenda.

7.4.3.3.2 **Selection of Slate of Nominees for Review.** Nominations for At-Large Director shall be submitted to the Chair of the At-Large Director Review Panel by the standing Board and Society Committees, Executive Committee constituent committees, and the
Industry Leaders Council following announcement of the opening and Board-approved criteria. The At-Large Director Review Panel may recommend additional Candidates that fulfill the Board-approved criteria. The At-Large Director Review Panel shall rank the Candidates in order of preference and present no more than three (3) Candidates to the Society Secretary to confirm willingness to serve. The Society Secretary shall provide to the At-Large Director Review Panel the name of the individual who has accepted the position.

7.4.3.3.3 Appointment by Board of Direction. After reviewing the recommendation of the At-Large Director Review Panel, the Board of Direction shall appoint the recommended individual as the At-Large Director.

7.5 Nomination of Region Governors.

7.5.1 Nomination of Geographic Region Governors.

7.5.1.1 Rotation. At least one (1) Geographic Region Governor is installed in each Region every year. No more than forty percent (40%) of the Geographic Region Governors shall be installed in any one (1) year.

7.5.1.2 Selection. A Candidate shall pursue nomination for Region Governor in only one (1) Region for any given Election Cycle.

7.5.1.3 Nomination by Geographic Region Nominating Committee.

7.5.1.3.1 Procedure for a Single or Restricted Vacancy. When there is a single vacancy or a vacancy restricted by Region governing documents, a Geographic Region Nominating Committee shall select up to two (2) Official Nominees for Geographic Region Governor. If only one (1) Candidate is provided, that Candidate shall be the Official Nominee. If there are no Candidates, the Geographic Region Nominating Committee shall select the Official Nominee.

7.5.1.3.2 Procedure for Multiple Vacancies. When there are multiple restricted vacancies, a Geographic Region Nominating Committee shall endeavor to select a number of Official Nominees not to exceed two (2) times the number of vacancies available.

7.5.1.3.3 Potential Candidate Pool. A Geographic Region Nominating Committee may receive Candidate nominations for Geographic Region Governor from any Organizational Entity or individual within the Region.

7.5.1.4 Petition to Election Ballot. Only those Candidates for Geographic Region Governor who were considered by a Geographic Region Nominating Committee but not selected as an Official Nominee may seek a petition route to the election ballot.

7.5.2 Appointment of Geographic Region Governors. Each Geographic Region Board of Governors shall appoint at least one (1) Geographic Region Governor to represent perspectives not currently represented on the Geographic Region Board of Governors.

7.6 Completion of Nomination Process. All Nominees for elected office, whether Official or Petition Nominees, shall submit to the Society Secretary a Letter of Intent to Serve. Petition Nominees shall submit the same election materials as required for Official Nominees. The submission dates for Petition Nominees to submit election documents shall be the same as that stipulated for Official Nominees.

7.7 Inclusion on Election Ballot. The Official Nominee(s) for elected positions shall be included on the election ballot in alphabetical order. Petition Nominees shall be listed separately in alphabetical order and be designated as such on the election ballot.

7.8 Elections. Election of nominated individuals and approval of amendments to the Certificate of Incorporation or Constitution shall be by secret ballot circulated by the Secretary, counted under supervision of tellers appointed by the President, and canvassed by the Board of Direction.

7.9 Provision for Special Election. When circumstances necessitate amendment of the Certificate of Incorporation or Constitution outside the regular Election Cycle, the Board of Direction shall have the authority to authorize a Special Election.
7.10 Voting Constituencies.

7.10.1 President-elect. The President-elect shall be elected by voting Society members.

7.10.2 Region Directors. Region Directors shall be elected by voting Society members in their respective Regions.

7.10.3 Technical Region Directors. Technical Region Directors shall be elected by voting Society members who are also members of at least one (1) Institute.

7.10.4 Geographic Region Governors. Geographic Region Governors shall be elected by voting Society members in their respective Geographic Regions.

Article 8. Meetings

8.0 Business Meetings.

8.0.1 Annual Membership Meeting. The Society shall convene at least one (1) Business Meeting annually, termed the Annual Membership Meeting.

8.0.1.1 Date. The Annual Membership Meeting shall be convened in conjunction with the Annual Conference, which is conducted in October or as near thereto as practicable.

8.0.1.2 Quorum. A quorum for the Annual Membership Meeting shall be one hundred (100) voting members.

8.0.2 Other General Business Meetings. The Society may convene additional General Business Meetings.

8.0.2.1 Requirements. Additional Business Meetings of the Society may be convened at such date and place as shall be determined by the Board of Direction and designated in a notice to the membership at least thirty (30) days in advance of the meeting.

8.0.2.2 Quorum. A quorum for any other General Business Meeting shall be one hundred (100) voting members.

8.0.3 Special Business Meetings. The Society may call Special Business Meetings.

8.0.3.1 Requirements. The Board of Direction may call Special Business Meetings of the Society. The Board of Direction shall call a Special Business Meeting of the Society upon written request of not less than twenty (20) members from each Geographic Region. Notice of a Special Business Meeting shall be provided in accordance with New York state law. Notice of a Special Business Meeting shall state the purpose of the proposed meeting. No business other than that stipulated in the notice shall be considered at any such Special Business Meeting.

8.0.3.2 Quorum. A quorum for a Special Business Meeting shall be one hundred (100) voting members.

8.1 Board of Direction Meetings.

8.1.1 Requirements. No fewer than two (2) meetings of the Board of Direction shall be held each year. One (1) of these meetings shall be held at the time of the Annual Conference. Special meetings of the Board of Direction may be called as determined by the Board of Direction at a previous meeting or by the Executive Committee acting on behalf of the Board of Direction. At least ten (10) days advance notice of any such special meeting shall be given by the Secretary to members of the Board of Direction. Notice of a special meeting shall state the purpose of the proposed meeting. No business other than that stipulated in the notice shall be considered at any such special meeting.

8.1.2 Quorum. A majority of the members of the Board of Direction shall constitute a quorum at any meeting of the Board of Direction except for consideration of disciplinary action against a member. Seventy-five percent (75%) of the members of the Board of Direction shall constitute a quorum for the consideration of disciplinary action against a member.

8.2 Executive Committee Meetings.

8.2.1 Requirements. Meetings of the Executive Committee shall be held at such times and places as its chair determines necessary to discharge its duties.
8.2.2 Quorum. A majority of the members of the Executive Committee shall constitute a quorum at any meeting of the Executive Committee except for consideration of disciplinary action against a member. Seventy-five percent (75%) of the members of the Executive Committee shall constitute a quorum for the consideration of disciplinary action against a member.

8.3 Board of Direction and Executive Committee Executive Sessions. Meetings of the Board of Direction or Executive Committee may go into Executive Session upon the call of the meeting chair, or upon the motion of any member of the body and affirmative vote of the body. All members of the body attend Executive Session as well as any individuals invited by the body. Minutes reflecting actions taken in Executive Session will be kept. In the absence of the Secretary during Executive Session, the chair will appoint an acting Secretary. If confidential, such minutes will be reviewed and approved at a subsequent Executive Session of the body; copies of confidential minutes will not be retained by members of the body. Confidential minutes of Executive Sessions will be maintained in the office of Legal Counsel.

8.4 Region Board of Governors Meetings.

8.4.1 Requirements. Meetings of the Region Board of Governors shall be held at least annually.

8.4.2 Quorum. A majority of the members of the Region Board of Governors shall constitute a quorum at any meeting of the Region Board of Governors.

8.5 Parliamentary Authority. The rules contained in the current edition of Robert’s Rules of Order, Newly Revised shall govern the Society in all cases to which they are applicable and in which they are not inconsistent with the laws of the State in which the Society is incorporated or with the Society’s adopted Constitution, Bylaws or Rules of Policy and Procedure.

8.6 Meeting Participation by Alternative Means. Any member of the Board of Direction or any Board or Society Committee may participate in a meeting of the Board of Direction or any Board or Society Committee by means of a conference telephone or similar communications system that allows all persons participating in the meeting to hear each other at the same time. Such participation shall be considered presence in person at the meeting.

8.7 Action without a Meeting. In accordance with New York law, any corporate action required or permitted to be taken by the Board of Direction or any Board or Society committee, may be taken without a meeting if all members of the Board of Direction or Board or Society committee consent in writing to such action.

Article 9. Committees, Institutes, Academies, Geographic Units, Foundations, Affiliated and Other Organizational Entities

9.0 Objectives and Purposes of Organizational Entities. The objectives and purposes of the Society’s committees, institutes, academies, geographic units, technical divisions, foundations, affiliated and other Organizational Entities shall be consistent with those of the Society.

9.1 Limitations of Authority of Organizational Entities. No such Organizational Entity shall speak for the Society as a whole unless authorized by the Board of Direction, and no actions of such Organizational Entities may contravene any act, policy, or purpose of the Society. Any Society component may issue its own policies but must identify them as such. Any amplification, interpretation, or application of Society policies other than by the Board of Direction must be clearly identified as the views of the component so engaged and not of the Society. Any amplification, interpretation, or application of Society policy statements should identify its source as distinguished from Society policy.

9.2 Committees. The Board of Direction has the authority and responsibility to create and disband committees, establish duties, conditions, and terms of service, and approve committee appointments, including designation of the chair and other committee officers. Committees may create constituent committees, subcommittees, divisions, task groups or similar entities as required to accomplish their charge.

9.2.1 Types of Committees. Committees shall be organized as Standing Committees or Task Committees, either of which may form constituent committees to aid in the accomplishment of their charge.
9.2.1.1 **Standing Committees.** Standing Committees shall be constituted to perform a continuing function. Standing Committees may only be created, changed or discharged by an amendment to the Society’s Bylaws.

9.2.1.1.1 **Standing Board Committees.** Standing Board Committees are defined as those whose purpose is to address a responsibility of the Board.

9.2.1.1.2 **Standing Society Committees.** Standing Society Committees are defined as those whose purpose is to address a responsibility related to the Society’s Purposes and Objective.

9.2.1.1.3 **Standing Strategic Initiative Committees.** Standing Strategic Initiative (SI) Committees are formed to oversee an activity that is the direct result of a priority arising from the Society’s strategic planning process.

9.2.1.2 **Task Committees.** Task Committees shall be organized and charged as needs arise to carry out a specified task and shall be discharged automatically upon presentation of a final report to the organizing assembly.

9.2.2 **Standing Board Committees.** The Standing Board Committees shall be an Audit Committee, Board of Direction Nominating Committee, Executive Committee, and a Program and Finance Committee.

9.2.3 **Standing Society Committees.** The Standing Society Committees shall be a Committee on Advancing the Profession, Committee on Education, Committee on Technical Advancement, Member Communities Committee, and Public Policy Committee.

9.2.4 **Standing Strategic Initiative Committees.** The Standing Strategic Initiative Committees shall be a Committee for America’s Infrastructure, Committee on Sustainability, and Raise the Bar Committee.

9.3 **Institutes.** Institutes are official organizations of the Society which are granted the authority to operate like a Board or Society Committee, and to report to the Board of Direction like a Board or Society Committee. Institutes receive Society resources in accordance with the Institute Operating Procedures approved by the Board of Direction. The Institute Operating Procedures shall be reassessed on minimally a five (5) year cycle.

9.3.1 **Establishment.** The Board of Direction may create a task committee to study the formation of an Institute. The Board of Direction may establish an Institute upon approval of the task committee’s proposal, including Bylaws, business plan and other materials as required by the Board of Direction.

9.3.2 **Amendment of Institute Bylaws.** Revisions to Institute Bylaws may be proposed by action of the Institute as prescribed in such Bylaws, or by action of the Board of Direction. No amendment to Institute Bylaws shall become effective unless and until it is approved by the Board of Direction.

9.3.3 **Allotments.** Funds of the Society, computed by means of a formula established from time to time by the Board of Direction, may be allocated by the Board of Direction to each Institute annually in October. Payment of these funds shall be subject to regulations established by the Board of Direction.

9.3.4 **Suspension or Dissolution.** The Board of Direction may, on its own motion, upon recommendation of the Institute’s governing body, or for cause, suspend or dissolve an Institute.

9.4 **Geographic Units.** Geographic units are official organizations formed on the basis of geographical location and mutuality of interest.

9.4.1 **Councils.** A Council may be established by the Board of Governors of their Region, upon written request from two (2) or more Sections for formal affiliation. If a Council adopts governing documents those documents and any amendments thereto shall be approved by the Region Board of Governors. Any Council may be dissolved or reformed by the Board of Governors of their Region.

9.4.2 **Sections.** A Section, composed of Society members of all grades, may be established, dissolved or reformed by the Board of Governors of their Region.
9.4.2.1 **Boundaries.** The boundaries of any Section shall lie entirely within the boundaries of a single Region. Boundaries of Section areas may be changed at any time by the Board of Governors of their Region, provided that prior notice is given to the Section(s) involved and an opportunity is accorded them to make recommendations regarding such proposed changes.

9.4.2.1.1 **Boundary Changes that Affect Multiple Regions.** Any proposed changes to Sections that impact another Region shall be referred to the Member Communities Committee for recommendation to the Board of Direction.

9.4.2.2 **Membership.** No individual may be a member of a Section or Branch unless already a member of the Society. Society members who request mailing address changes to APO numbers or who request other temporary changes in mailing address shall remain assigned to the respective Sections of their individual Address of Record unless and until specific requests are made by them for changes in their Address of Record.

9.4.2.2.1 **Exceptions to Requirement of Society Membership for Section Membership.** Members of the Boston Society of Civil Engineers or the Connecticut Society of Civil Engineers at the time of merger may continue to be members of those Sections without meeting the requirement of Society membership. Each Section or Branch may allow Institute-only Members to be a member of their technical groups.

9.4.2.3 **Governing Documents.** Every Section shall adopt a Constitution and Bylaws, which shall be approved by the Executive Committee upon recommendation of the Governing Documents Committee. Branches do not have their own Constitution; as a subsidiary structure, they are governed by the Section’s Constitution. Amendments to Section Constitution and Bylaws shall be approved by the Governing Documents Committee.

9.4.2.4 **Allotments.** Funds of the Society, computed by means of a formula established from time to time by the Board of Direction, may be allocated by the Board of Direction to each Section annually in October. Payment of these funds shall be subject to regulations established by the Board of Direction.

9.4.2.5 **Annual Reports.** Each Section shall submit, annually and not later than November 30, to the Secretary of the Society an Annual Report of its activities and finances. Regulations governing the details required in Annual Reports of Sections shall be prescribed by the Executive Committee.

9.4.2.5.1 **Failure to Submit Annual Report.** Sections who fail to submit their Annual Report by March 31 will forfeit twenty-five percent (25%) of their Allotment. Sections that fail to submit their Annual Report by May 31 will forfeit fifty percent (50%) of their Allotment. Sections that fail to submit their Annual Report by July 31 will forfeit seventy-five percent (75%) of their Allotment. Sections that fail to submit their Annual Report by September 30 will forfeit one hundred percent (100%) of their Allotment for that year.

9.4.3 **Branches.** Any Section, with the approval of the Board of Governors of their Region, may establish, reform or dissolve Branches.

9.4.4 **International Groups.** International Groups of the Society are formed or dissolved by the Board of Governors of their Region. An International Group is established to furnish Society members whose Address of Record is outside the United States and Puerto Rico opportunities for group activities related to their profession within their respective countries and is the initial step in forming an international Section of the Society. An International Group shall be in existence one (1) year prior to application for Section status.

9.4.4.1 **Boundaries.** The geographic limits of an International Group shall coincide with a country’s boundaries wherever practicable.

9.4.4.2 **Membership in International Groups.** Membership in International Groups shall be limited to Society members and may include both local engineers and engineers residing or visiting in the country. Society members residing and maintaining an Address of Record in the country will be assigned to the appropriate International Group.

9.4.4.3 **Governing Documents.** International Groups shall have Bylaws, which, at a minimum, will specify the Officers, procedures for electing Officers, and the International Group’s committees.
9.4.4 Annual Reports. Each International Group shall submit, to the Secretary of the Society annually and not later than November 30, an Annual Report of its activities.

9.4.5 Student Organizations.

9.4.5.1 Student Conferences. Student organizations may organize in groups on the basis of geographic location and mutuality of interest. Such groups are known as Student Conferences.

9.4.5.2 Student Chapters. Student Chapters, composed of students in civil engineering or civil engineering technology programs, may be established or dissolved on approval of the Board of Governors of their Region. The Region Board of Governors shall seek the input of the Member Communities Committee prior to taking action.

9.4.5.2.1 Qualifications. A qualified Student Chapter shall be an organization of engineering or engineering technology students in any school in the United States or Puerto Rico with an engineering or engineering technology program related to civil engineering and leading to an engineering or engineering technology degree, and having at least one (1) full-time faculty member who is a member in the Society and who agrees to serve as Faculty Advisor. Additionally, a qualified Student Chapter has the endorsement of the application by the Civil Engineering department chair or equivalent, the endorsement of the application by official action of the Section or Branch in whose jurisdiction the Student Chapter is located, and a minimum membership of twelve (12) undergraduate or graduate engineering or engineering technology students (in a program related to civil engineering) who carry at least a half-time program, or a combination thereof.

ASCE Student Chapters and Clubs within the boundaries of the Mexico Section of ASCE established prior to 2006 may be continued as ASCE Student Chapters.

9.4.5.2.2 Reports. An annual report shall be submitted by each Student Chapter not later than March 1 of each year. The report shall include a summary statement of the meetings which were held during the preceding calendar year, giving the date of each, the attendance, the principal speaker and subject, and other pertinent information; and the names of the officers and the members by classes as of the end of the preceding calendar year.

9.4.5.3 International Student Groups. International Student Groups, composed of undergraduate students at an educational institution located outside of a Geographic Region comprised of members in the United States and Puerto Rico, may be established or dissolved on approval of the Board of Governors of their Region. The Region 10 Board of Governors shall seek the input of the Member Communities Committee prior to taking action.

9.4.5.3.1 Qualifications. The qualifications of a proposed International Student Group shall include application by an organized group of students in any educational institution outside the United States and Puerto Rico which is located in a country where a Society Section or Group is in existence, and which has a program that leads to a baccalaureate degree in civil engineering or engineering technology, and which has received guidance from a Society Section or Group for at least one (1) year, and which has at least one (1) Fellow, Member or Associate Member of the Society as a full time faculty member who agrees to serve as advisor; and the endorsement of the application by the Civil Engineering Department Chair or equivalent; and the endorsement of the application by the official action of the Society Section or Group in whose jurisdiction the proposed International Student Group is located; and a minimum membership of twelve (12) undergraduate or graduate engineering students (in a program related to civil engineering or civil engineering technology) who carry at least half-time program, or a combination thereof.

If the proposed International Student Group is located in a country which has no official Society presence, the Executive Committee may designate an existing Society Section or Group to sponsor the proposed student organization or the Executive Committee may ask the Region 10 Director to appoint a Practitioner Advisor to assist the group.

9.4.5.4 Institute Student Groups. Institutes may form Institute Student Groups for discipline-specific graduate student activities. Undergraduate students may participate in activities sponsored by Institute Groups.
9.5 **Affiliated Entities.** The Society, upon Board of Direction approval, may create, acquire or terminate relationships with affiliated entities.

9.5.1 **Civil Engineering Certification, Inc.** Civil Engineering Certification, Inc. (CEC) is a 501(c)(6) not-for-profit corporation, established 2004, that advances the science and profession of civil engineering for the welfare of humanity through the administration of a specialty certification program for the profession.

9.5.2 **American Society of Civil Engineers Foundation.** The American Society of Civil Engineers Foundation (ASCE Foundation) is a 501(c)(3) not-for-profit corporation, established 1994, which generates resources for the Society and the civil engineering profession.

9.6 **Other Organizations.** Coalitions or other special interest groups may be formed by the Board of Direction or the Executive Committee.

9.6.1 **Industry Leaders Council.** The Industry Leaders Council (ILC) engages senior leaders from industry, academia, government, and non-governmental organizations to identify needed strategic actions for ASCE and the civil engineering profession.

9.6.2 **Multi-Region Younger Member Councils.** Following consideration of input from the Member Communities Committee and the Governing Documents Committee, the Executive Committee may (i) establish Multi-Region Younger Member Councils upon written request from two (2) or more Younger Member groups/forums for formal affiliation, (ii) modify or dissolve any Multi-Region Younger Member Council upon request of said Council, and (iii) approve initial Governing Documents for Multi-Region Younger Member Councils. Amendments to Governing Documents shall be approved by the Governing Documents Committee.

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**Article 10. Administrative Provisions**

10.0 **Official Society Publications.** For the purpose of notices and announcements to members of the Society on any matters except the convening of a Special Business Meeting, *Civil Engineering* magazine and the ASCE Web site shall be the Official Society Publications. Notices and announcements relating to Society affairs published in an Official Society Publication shall be deemed to have been brought to the attention of all members of the Society.

10.1 **Conflict of Interest.** A Conflict of Interest shall be defined as any activity, transaction, relationship, service, or consideration which is, or appears to be, contrary to the best interests of the Society, or in which the interests of an individual or another organization has the potential to be placed above those of the Society. Any interested individual must disclose the existence of any actual or possible Conflict of Interest and all material facts to the Society entity considering the proposed transaction. Action to address the conflict shall be taken by either the interested individual or the Society entity.

10.2 **Indemnification.** If a Director, Officer, committee member, employee, agent or volunteer (including heirs, executors, administrators or the estate of such person) of the Society is made a party to any civil or criminal action or proceeding in any matter arising from the performance by such party of the individual’s duly authorized duties for or on behalf of the Society, in a manner not inconsistent with the purposes or objectives of the Society, and further provided that the performance by the party was not or is not illegal, then, to the full extent permitted by the New York Not-For-Profit Corporation Law or any successor provisions, the Society, upon affirmative vote of the Board of Direction, a quorum of the members of the Board of Direction being present at the time of the vote who are not parties to the action or proceeding, may indemnify such party for judgments, fines, amounts paid in settlement, and reasonable expenses, including attorneys’ fees actually and necessarily incurred, in connection with the action or proceeding, or appeal therein. The right accruing to any party under the foregoing provision shall not exclude any other right to which the individual may be lawfully entitled, nor shall anything herein contained restrict the right of the Society to indemnify or reimburse such person in any proper case to the extent permitted by law even though not specifically herein provided for. The Society, its Officers, committee members, employees, and agents shall be fully protected in taking any action or making any payment under this article or in refusing to do so in reliance upon advice of counsel to the Society.

10.3 **Earnings/Activities.** No part of the net earnings of the Society shall inure to the benefit of, or be distributable to its Directors, Officers, or other private persons, except that the Society shall be authorized and empowered to pay reasonable compensation for services rendered and to make pay-
ments and distributions in furtherance of the purposes set forth above. No substantial part of the activities of the Society shall be the carrying on of propaganda, or otherwise attempting to influence legislation, and the Society shall not participate in, or intervene in (including the publishing or distribution of statements) any political campaign on behalf of (or in opposition to) any candidate for public office.

10.4 Activities. Activities of the Society in furtherance of its educational, scientific, literary and charitable purposes shall include, but are not limited to, publications, conferences and continuing education. Notwithstanding any other provisions of these articles, the Society shall not carry on any other activities not permitted to be carried on (a) by a corporation exempt from Federal income tax under Section 501(c)(3) of the Code, or (b) by a corporation, contributions to which are deductible under Section 170(c)(2) of the Code.

10.5 Dissolution. Upon the dissolution of the Society, the Board of Direction shall, after paying or making provision for the payment of all of the liabilities of the Society, dispose of all of the assets of the Society exclusively for the purposes of the Society in such manner, or to such organization or organizations organized and operated exclusively for charitable, educational, literary, religious, or scientific purposes as shall at the time qualify as an exempt organization or organizations under Section 501(c)(3) of the Code, as the Board of Direction shall determine.

10.6 Restrictions. All policies and activities of the Society shall be consistent with applicable federal, state, and local antitrust, trade regulation, or other legal requirements.

10.7 Limitations. No member, Officer, Director, committee, employee, agent, or representative of the Society shall have any right, authority, or power to expend money of the Society, to incur liability on its behalf, or to make any commitment that will or may be deemed to bind or involve the Society in any expense or financial liability, unless such expenditure, liability, or commitment has been authorized and budgeted by the Board of Direction or by specific resolution at a duly called meeting of the Board of Direction or Executive Committee.

Article 11. Amendments

11.0 Bylaws Amendments. The Bylaws may be amended by the Board of Direction as provided in the Constitution.

11.1 Rules of Policy and Procedure Amendments. The Rules of Policy and Procedure may be amended by the Board of Direction in the following manner.

11.1.1 Procedure. The Board of Direction may, at any meeting with a quorum present, amend the Rules of Policy and Procedure by a two-thirds (2/3) vote of those present and voting, provided a copy of such proposed amendment shall have been sent to each member of the Board of Direction at least thirty (30) days in advance of the meeting at which action thereon is to be taken.

11.1.2 Urgency. With the exception of Rules of Policy and Procedure, Article 4, Fees and Dues, if the Board of Direction determines by a three-fourths (3/4) vote of those present and voting that an amendment is urgent, the Board of Direction may amend the Rules of Policy and Procedure by a two-thirds (2/3) vote of those present and voting and without thirty (30) days advance notice provided the exact content of the amendment has been provided to each member of the Board of Direction present prior to the vote.
RULES OF POLICY AND PROCEDURE

Current as of October 2013

Article 1. General

1.0 **Marks.** Marks of the Society include, but are not limited to, names, acronyms, emblems, logos, and trademarks of the Society and its Organizational Entities. Such marks are the sole and exclusive property of the Society and may not be altered or used without the Society’s permission.

1.0.1 **Official Society Marks.** Official marks of the Society include, but are not limited to, those identified below, which are registered Society marks with the U.S. Patent and Trademark Office.

1.0.1.1 **Names.** The official name of the Society is the American Society of Civil Engineers®.

1.0.1.2 **Acronym.** The official acronym of the Society is ASCE®.

1.0.1.3 **Emblem.** The official emblem of the Society is ®.

1.0.1.4 **Logo.** The official logo of the Society is ASCE ®.

1.0.1.5 **Other Society Marks.** The Society also maintains marks for the following: Academy of Geo-Professionals (AGP); American Academy of Water Resources Engineering (AAWRE); Architectural Engineering Institute (AEI); Civil Engineering (CE); Civil Engineering Certification, Inc. (CEC); Coasts, Oceans, Ports and Rivers Institute (COPRI); Construction Institute (CI); Engineering Mechanics Institute (EMI); Environmental & Water Resources Institute (EWRI); Excellence in Civil Engineering Education (ExCEEEd); Geo-Institute (GI); National Concrete Canoe Competition; Outstanding Projects and Leaders (OPAL); Ports; PMC; Report Card for America’s Infrastructure; Solutions to Coastal Disasters; Structural Engineering Institute (SEI); and Transportation and Development Institute (T&DI).

1.0.2 **Development and Approval of Marks.** All Society marks, including those of Organizational Entities, shall be developed in accordance with Society policy relative to look and content. Society marks shall be approved by the Society’s Executive Committee except that Foundation and Affiliated Entity marks shall be developed and approved in accordance with the entity’s governing documents.

1.0.3 **Use.** The Society’s marks may only be used for official Society purposes in the manner prescribed by the Society. The Society’s marks may not be used in any manner that discredits or tarnishes the Society’s reputation or goodwill; is false or misleading; violates any law, regulation or public policy; or misrepresents the relationship between the Society and the user, including any use that might incorrectly be construed as an endorsement, sponsorship or approval by the Society.

1.0.3.1 **Society Use of Marks.** For the Society and its Organizational Entities, examples of permissible uses of Society marks include official: badges, charms, pins, placards, banners, awards, certificates, Society publications and Web site, reports, stationery, programs, identification cards, and apparel. The design of badges, charms, and pins denoting membership in the Society, as well as the cost to the Society members, of such badges, charms, or pins, shall be determined by the Executive Director. The Society’s marks may not be used for personal or business use by members or others on items such as stationery and business cards, Web sites and other electronic media for either individuals or companies, except as expressly provided herein or as otherwise authorized by the Executive Director.

1.0.3.2 **Member Use of Marks.** A Society member may use the following applicable abbreviation denoting grade of membership in connection with professional work, but must discontinue use in the event of separation from the Society.

- President-Emeritus – Pres.YY.ASCE
- Distinguished Member – Dist.M.ASCE
- Fellow – F.ASCE
- Member – M.ASCE
Members may use the marks of Organizational Entities as defined in the entity’s governing documents.

1.0.3.2.1 Distinguished Member Use of Marks. A Society Distinguished Member may use the Distinguished Member Emblem on business cards and stationery.

1.0.3.2.2 Fellow Use of Marks. A Society Fellow may use the Fellow Emblem on business cards and stationery.

**Article 2. Membership**

2.0 Process for Membership.

2.0.1 Submission of Application. An individual must apply for membership or advancement in the Society through the submittal of the appropriate application form.

2.0.1.1 References. In some cases, applicants for admission to the Society or advancement from one (1) grade of Society membership to another must submit the names and addresses of individuals who have personal knowledge of the applicant and the applicant’s work. Applicants are encouraged to submit references from Society members whenever possible. If an applicant is unable to provide the required number of references from Society members, the applicant may provide the same number of references from non-Society members who are: 1) licensed engineers or land surveyors, OR 2) Founder Society members, OR 3) members in engineering societies with which the Society has established a relationship. References by non-Society members are not permitted where the reference of a Society member is specifically stated as a requirement.

2.0.2 Review of Application. Society staff shall process applications of applicants for admission to membership in the Society who have met the grade requirements specified in the Bylaws.

2.0.2.1 Non-Standard Applications. Applications that do not exactly meet the stated criteria for admission or advancement to a particular grade of Society membership shall be referred to the Membership Application Review Committee.

2.0.2.2 Waiver of Criteria. Applicants who do not specifically meet the criteria for a grade of Society membership may request a waiver from the Membership Application Review Committee. The Membership Application Review Committee maintains guidelines for the waiver of criteria to ensure a measure of consistency in waiver review. Staff may admit an applicant to a reduced grade of membership pending review by the Membership Application Review Committee of advancement to a higher grade.

The Membership Application Review Committee shall have the authority, by majority vote, to grant a waiver for admission or advancement. A waiver of criteria for advancement to Fellow shall only be considered in the case of a Member with acknowledged eminence in some branch of engineering or in the arts and sciences related thereto. A vote to grant a waiver of criteria for advancement to Fellow by the Membership Application Review Committee shall be unanimous. The Criterion that a Fellow be a licensed Professional Engineer or Professional Surveyor, in the United States or in the country in which the Member resides (if such licensure is available), shall not be waived without Executive Committee approval.

2.0.2.3 Declinations. Any applicant for admission or advancement referred to the Membership Application Review Committee who shall not be elected or advanced shall be deemed not qualified for admission or advancement and shall be declined. An applicant who has been declined admission or advancement may appeal to the Executive Committee. A unanimous decision of the Executive Committee is required to overturn the decision of the Membership Application Review Committee.

2.0.3 Notification and Acceptance. All applicants shall be notified by the Society of a decision relative to the applicant’s admission or declination. An applicant’s membership in the Society commences upon receipt of the appropriate dues.
2.0.4 Process for Distinguished Membership.

2.0.4.1 Nomination. Not later than May 1 annually, a solicitation for Distinguished Member nomination shall be sent to the Region Boards of Governors, Sections, Branches, Technical Councils and Divisions, Institutes, Foundations, the Board of Direction, and Board and Society Committees. Each nomination shall be proposed by an Organizational Entity, whose president, chair or head shall act as the official nominator. The nomination package shall consist of a one (1) page summary biography of the nominee; a complete biography of the nominee; a completed nomination form, including a one (1) sentence citation highlighting the reasons why the nominee should be elected; and a two hundred (200) word rationale describing why the nominee is eminent in the civil engineering profession. In addition, the nominator’s submission shall include a list of no less than six (6) and no more than ten (10) individuals who will provide a letter of endorsement for the nominee. At least one (1) of the endorsement letters shall be from an officer in an Organizational Entity. The letters of endorsement shall be sent directly to the Society Awards Committee by the endorsement writer. The completed nomination package shall be submitted to the Society Awards Committee not later than October 1. The nomination is considered complete once the required number of letters are received by the Society Awards Committee by October 1.

2.0.4.2 Review. The Society Awards Committee will review the nominations received and transmit to all members of the Board of Direction, not later than one (1) month prior to the meeting at which they will be considered by the Board of Direction, the names and biographies of those nominees whom it recommends for election. The Society Awards Committee may make use of a committee of additional experts to be formed and comprised by vote of the Society Awards Committee for the purpose of gaining additional input on nomination. Names of candidates voted on but not elected may be resubmitted by the Society Awards Committee to the Board of Direction for two (2) years, after which their names will be dropped from the roster of candidates unless re-nominated. Names of candidates considered by the Society Awards Committee but not nominated for election will be reconsidered for two (2) years, after which their names will be dropped from the roster of candidates unless re-nominated.

2.0.4.3 Election. At least eighty percent (80%) of the members of the Board of Direction must be present for a vote on Distinguished Membership. Voting is by secret ballot, without discussion. The affirmative vote by at least eighty percent (80%) of those voting is required to elect, and three (3) negative ballots shall exclude.

2.0.4.4 Notification. A person elected to Distinguished Membership in the Society shall be notified promptly thereof by the Secretary. The election shall be canceled if an acceptance is not received within sixty (60) days after the mailing of such notice.

2.0.4.5 Presentation. Awards of Distinguished Membership shall be made during suitable ceremonies at such time and place prescribed by the Executive Committee.

2.1 Reciprocal Membership Privileges. The Society may enter into reciprocal membership agreements with other professional societies. Such agreement shall not offer grade reciprocity in any grade higher than Member.

2.1.1 Founder Societies with Reciprocal Membership. The Society provides to its fellow Founder Societies, consisting of the American Society of Mechanical Engineers (ASME), the Institute of Electrical and Electronic Engineers (IEEE), the American Institute of Mining, Metallurgical and Petroleum Engineers, Inc. (AIME), and the American Institute of Chemical Engineers (AIChE), the privilege of reciprocal membership in the Society for their members.

2.1.2 Reciprocal Privileges for Chief Staff Executive. The Membership Application Review Committee shall have the authority to admit to appropriate membership grade in the Society, upon presentation of an application but waiving fees and dues and without other established admission procedures, the chief staff executive of any engineering organization approved for this purpose by the Board of Direction, and provided such organization affords the Society reciprocal membership privileges. Waiver of dues for persons so elected shall terminate upon termination of their service as the chief staff executive of their engineering organization, or when the Board of Direction votes to no longer provide reciprocal membership privileges to their engineering organization.
2.1.3 International Engineering Societies with Reciprocal Membership. The Society may provide to international engineering societies the privilege of reciprocal membership in the Society for their members.

2.2 Membership Requirement for Editorial Positions. Editors-in-chief, editors, co-editors and associate editors of Society journals shall be members in good standing of ASCE or an Institute. Exceptions to this requirement shall only be made by the Executive Committee.

Article 3. Separations from Membership, Disciplinary Proceedings

3.0 Procedures for Professional Conduct Cases.

3.0.1 Initiation. The Executive Committee shall consider proceedings for the discipline of any Society member (a) upon the recommendation of the Committee on Professional Conduct (CPC), or (b) upon the written request of ten (10) or more Society members.

3.0.1.1 Reference to Committee on Professional Conduct. Any complaint or other allegation of misconduct or any information indicating possible misconduct shall be referred promptly to the Committee on Professional Conduct by the Secretary of the Society.

3.0.1.1.1 Origin of Complaint. Complaints may be put forward by both ASCE members and non-members. Such complaints shall be submitted to the Society Secretary or his designee in writing on the ASCE ethics complaint form, or in such other form as deemed acceptable by the Committee on Professional Conduct.

3.0.1.1.2 Geographic Unit Referrals. Society Sections or other geographic units may establish a professional conduct committee or office to conduct local investigations; however, such committees or offices shall have no disciplinary powers. To the extent that any such committee or office determines that a potential ethics violation has occurred, the committee or office shall report such matter to the CPC and shall assist the CPC in conducting its investigation.

3.0.1.2 Reasonable Expediency. The Committee on Professional Conduct shall act with reasonable expediency to determine whether or not the charges or evidence constitutes a proper case for its jurisdiction.

3.0.1.3 Jurisdiction. Where the Committee on Professional Conduct may be in doubt as to its jurisdiction, it may request guidance or specific instruction from the Board of Direction, but the Committee on Professional Conduct shall not disclose to the Board of Direction prior to a hearing any evidence with respect to a possible disciplinary proceeding.

3.0.1.4 Litigation. It is the general policy of the Committee on Professional Conduct not to take action in professional conduct matters while a court case is underway.

3.0.2 Committee on Professional Conduct Investigation. The Committee on Professional Conduct shall conduct such investigation, as it shall deem necessary or appropriate, to ascertain the facts. One (1) or more of the following means of investigation may be employed, but, in any event, discretion shall be practiced to the end that publicity or unnecessary discussion of the case shall be avoided. Investigations may be made by any member or subcommittee of the Committee on Professional Conduct when designated by the Chair, the Secretary or a member of Society staff when designated by the Secretary, an official appointee or committee of a Section or Branch of the Society when designated by the Chair of the Committee on Professional Conduct, or legal counsel of the Society through the office of the Secretary.

Expense of investigation shall be duly budgeted and shall not exceed the amounts appropriated. When considered by the Committee on Professional Conduct to be advisable, it or any representative officially designated by it may interview the complainants and persons against whom charges have been filed, and may obtain written statements.
3.0.2.1 **Purpose.** The primary purpose of the Committee on Professional Conduct is to promote compliance with the ASCE Code of Ethics.

3.0.2.2 **Governing Precepts.** The Committee on Professional Conduct shall exercise every means possible to resolve ethical questions and charges of professional misconduct through measures other than reference to the Executive Committee. Such measures may include, without limitation, mediation, discussion, letters of concern, or other measures. Cases shall be referred to the Executive Committee when it is the conclusion of the Committee on Professional Conduct that consideration of disciplinary action is the only appropriate course.

3.0.2.3 **Confidentiality.** Because of the delicate nature of matters coming before the Committee on Professional Conduct, its proceedings are considered to be confidential, to be discussed outside the meeting only with members of the Committee, staff members privy to Committee proceedings, and such other persons deemed by the Committee as having a need to know. Cases should not be discussed with members of the Board of Direction prior to formal presentation, as the members may later be required to sit in judgment upon such cases.

3.0.3 **Committee on Professional Conduct Recommendation.** Except where the case is required to be considered by the Executive Committee, i.e. upon the written request of ten (10) or more members, the Committee on Professional Conduct shall pursue its investigation until it can reach a firm recommendation as to the disposition of the case as follows:

3.0.3.1 **Table/Dismissal.** When, in the opinion of the Committee on Professional Conduct, the facts do not support the charges or where evidence is inconclusive, the Committee on Professional Conduct may table the matter or may determine that the case be dropped. The principals shall be duly notified when a case is dropped.

3.0.3.2 **Refer for Hearing before Executive Committee.** Where the evidence, in the opinion of the Committee on Professional Conduct, warrants disciplinary action, the Committee on Professional Conduct schedules a hearing with the Executive Committee. In addition, the Committee on Professional Conduct notifies the Respondent that upon investigation the Committee on Professional Conduct found that Fundamental Canon(s) of the Code of Ethics may have been violated, that a hearing before the Executive Committee will take place on (date) and that the Respondent is invited to present a defense either in person or in writing at the hearing.

3.0.3.3 **Mandatory Referral to Executive Committee.** Where, upon the written request of ten (10) or more members, the case is required to be considered by the Executive Committee, the Committee on Professional Conduct shall upon completion of its investigation, give notice of the case to the Executive Committee in the general form:

"Charges having been filed (Evidence having been submitted) by (insert number being ten (10) or more) members that a member of the Society has violated the Code of Ethics, the Committee on Professional Conduct has conducted its investigation and is prepared to present evidence in the case to the Executive Committee. The member has been notified of the charges by the Committee on Professional Conduct, and has been invited to present a defense either in person or in writing at a meeting of the Executive Committee."

3.0.4 **Forfeiture of Membership and Resignation with Prejudice.** Upon its acceptance of the resignation of a member with prejudice or upon the forfeiture of membership with prejudice, as set forth in the Bylaws, the Board of Direction may direct the inclusion of a statement of the circumstances under which the member resigned or forfeited membership in the Official Society Publications. The Board of Direction may also direct notification of the fact of such resignation or forfeiture, and the circumstances under which the membership was terminated, to any other organization of engineers to which such member may belong or may have made application for membership, and to any Board of Registration which shall have licensed such member to practice engineering or to which the member may have made an application for such license.

3.0.4.1 **Form of Notice.** Following is the general form of the notice that may be published announcing the acceptance of such a resignation, or forfeiture of membership, with prejudice:

"On (date) the Board of Direction accepted the resignation, with prejudice towards readmission to the Society, of (name) of (place) in accordance with Article 3 of the Society’s Bylaws. (Name) tendered his/her resignation following notification by the Committee on
RULES OF POLICY AND PROCEDURE

Professional Conduct that it was investigating the possibility that he/she had violated Canon(s) (nos.) of the Code of Ethics.”

OR

“On (date) (name) forfeited his/her membership for nonpayment of dues, with prejudice towards readmission to the Society, following notification by the Committee on Professional Conduct that it was investigating the possibility that he/she had violated Canon(s) (nos.) of the Code of Ethics.”

3.0.5 Notice of Executive Committee Hearing. Prior to the Executive Committee’s considering any such case, the Society member shall be advised of the charges, shall be notified of the time and place of the meeting of the Executive Committee at which the case is to be considered, and shall be invited to present at such time a defense either in person or in writing.

3.0.5.1 Form of Notice. Following is the general form of the notice that shall be issued by registered mail in inviting a member to answer charges of misconduct:

“Information has been received which indicates that you may have violated Canon(s) (nos.) of the Code of Ethics. A detailed statement of the charges is enclosed.”

“You are accordingly notified that a hearing on the charges will be held by the Executive Committee at (location) on (date). You are invited to present a defense in person or in writing. Please advise if you plan to appear in person.”

3.0.6 Executive Committee Hearing Procedures and Rules. The following rules shall govern the conduct of hearings.

3.0.6.1 Attendance. Attendance at hearings shall be limited to members of the Executive Committee, or the Board of Direction, in the case of expulsion; members of the Committee on Professional Conduct currently in office or in office when the case originated; the Secretary and designated staff; the complainants; the person or persons against whom charges have been filed; witnesses; and legal counsel. The person or persons against whom charges have been filed may be accompanied by legal counsel and may present witnesses and shall have the right to be present throughout the hearing until the presentation of evidence and closing statements, if any, have been concluded.

3.0.6.2 Record. The Secretary shall keep a complete record of proceedings.

3.0.6.3 President. The hearing may be conducted by the President or, in the case of the absence or disability of the President, by such officer as may properly be designated by the Executive Committee.

3.0.6.4 Agenda. In the case of a hearing before the Board of Direction for expulsion, the same agenda shall apply, substituting “Board of Direction” for “Executive Committee.” The agenda for the hearing shall be substantially as follows:

—Statement by the Presiding Officer that the Executive Committee will limit its deliberations and voting to the charges contained in the statement of charges and the evidence presented at the hearing, and briefly describing the manner in which the hearing is to be conducted.

—Opening statement by the Chair or other member of the Committee on Professional Conduct containing a brief summary of the charges and answers, if any, and the recommendations of the Committee, if any, and distribution of copies of the statement of charges and written answers, if any.

—Opening statement, if requested, by person(s) against whom charges have been filed, and/or by their legal counsel.

—Presentation of evidence by Chair or other member of the Committee on Professional Conduct.

—Presentation of defense.

—Recess for review of evidence by members of the Executive Committee, at which time members of the Executive Committee review the compilation of evidence and develop questions to be asked during the question period.
—The members of the Executive Committee shall have the right to question any witness or member of the Committee on Professional Conduct about the charges.

—At the conclusion of the presentation of evidence, the Executive Committee may hear brief closing statements about the charges and the evidence.

—After the conclusion of the presentation of evidence and the closing statements (if any), the Presiding Officer shall announce that the hearing has been concluded.

—Deliberation and action of the Executive Committee. The Executive Committee then goes into Executive Session to determine what disciplinary action, if any, shall be taken.

3.0.6.5 Evidence. Formal rules of evidence shall not apply, but Presiding Officers need not accept any evidence, which, in their opinion, is irrelevant or immaterial to the issues presented by the statement of charges and answers thereto.

3.0.6.6 Additional Charges. Whenever, on the hearing of any complaint, evidence shall be presented upon which another charge or other charges against the defendant might be made, the Committee on Professional Conduct may inform the person against whom charges have been filed of such additional charges and may prepare additional recommendations or reports. The Executive Committee, or Board of Direction, as the case may be, may, after reasonable notice to the person against whom charges are made and opportunity to answer, proceed to the consideration of such additional charge or charges and may render such decision upon all such charges as may be justified by the evidence in the case.

3.0.6.7 Failure to Present Defense. In the event that no defense is presented either in person or in writing by the defendant, the Executive Committee may proceed with the hearing of the case upon the basis of the statement of charges and other evidence presented at the hearing, but no disciplinary action shall be taken unless the Executive Committee finds the charges to have been sustained.

3.0.6.8 Confidentiality. All proceedings, except the action taken by the Executive Committee, or the Board of Direction, as the case may be, shall be confidential but a transcript or other recording of the proceeding may be taken at the discretion of the Secretary and retained in the office of the Secretary.

3.0.7 Disciplinary Action. Disciplinary action against a member shall be taken only after the member has been advised of the charges and given opportunity to present a defense in person or in writing. These conditions having been satisfied, the Executive Committee may take action in a duly constituted meeting. All voting shall be by secret ballot. A finding that a charge against a member has been sustained shall require the affirmative vote of a majority of the Executive Committee members present. If the charges are sustained, the Executive Committee may take such disciplinary action, other than expulsion from membership in the Society, as it may deem appropriate. The right of expulsion from membership in the Society is reserved to the Board of Direction and, if the Executive Committee votes to expel a Society member, the matter shall be referred to the Board of Direction for final disposition. Recommendations of expulsion or reinstatement of previously expelled Society members are the only grounds for a case to be considered by the Board of Direction.

In the case of a recommendation for expulsion, which requires a hearing before the Board of Direction, affirmative votes of not less than seventy-five percent (75%) of those members of the Board of Direction present shall be required for expulsion.

3.0.7.1 Executive Committee Voting Procedures. The following voting procedures shall be observed in an Executive Committee hearing:

3.0.7.1.1 Professional Conduct Violation. First, the Executive Committee shall determine whether each charge is sustained. The vote shall be on the question: “Has the defendant violated?” Separate ballots shall be voted on each article of the Constitution and Bylaws or Canon of the Code of Ethics alleged to have been violated. A majority vote of the members of the Executive Committee present shall prevail.

3.0.7.1.2 Cleared of Charges. If a violation of one (1) or more Canons of the Code is not established by majority vote of the Executive Committee, the defendant shall be declared “cleared of all charges” and shall be so notified.
3.0.7.1.3 Expulsion. One (1) or more charges having been sustained by affirmative vote of a majority of those present, a ballot shall be taken on the question: “Shall the Executive Committee recommend to the Board of Direction that the defendant be expelled from membership in the Society?”

3.0.7.1.4 Suspension. If less than a majority of the Executive Committee members present vote to recommend expulsion, a ballot shall be taken on the question: “Shall the defendant be suspended from membership in the Society?” A majority vote of the members present shall prevail.

3.0.7.1.5 Term of Suspension. The vote upon suspension being carried, a ballot shall be taken on the question: “Shall the defendant be suspended from membership for a period of five (5) years?” A majority vote of the members present shall prevail, and successive ballots on suspension terms of four (4), three (3), two (2) and one (1) years shall be taken in that order until majority vote is obtained.

3.0.7.1.6 Letter of Admonition. If the ballot upon suspension fails to carry, a vote shall be taken on the question: “Shall the defendant be sent a letter of admonition?” A majority vote of the members present shall prevail.

3.0.7.1.7 Notification. In the event that expulsion, suspension or other disciplinary action is voted, the Board of Direction or Executive Committee at its discretion may ballot upon the question: “Shall the membership of the Society be notified of the (penalty) of the defendant?” A majority vote of the members present shall prevail.

3.0.7.2 Board of Direction Voting Procedures. The following rules shall be observed in a Board of Direction hearing:

3.0.7.2.1 Professional Conduct Violation. First, the Board of Direction shall determine whether each charge is sustained. The vote shall be on the question: “Has the defendant violated?” Separate ballots shall be voted on each article of the Constitution and Bylaws or Canon of the Code of Ethics alleged to have been violated. A majority vote of the Board of Direction members present shall prevail.

3.0.7.2.2 Cleared of Charges. If a violation of one (1) or more Canons of the Code of Ethics is not established by majority vote of the Board of Direction, the defendant shall be declared “cleared of all charges” and shall be so notified.

3.0.7.2.3 Expulsion. One (1) or more charges having been sustained by affirmative vote of a majority of those present, a ballot shall be taken on the question: “Shall the defendant be expelled from membership in the Society?” Affirmative votes of seventy-five percent (75%) of those Board of Direction members present are required for expulsion.

3.0.7.2.4 Suspension. If less than seventy-five percent (75%) of those Board of Direction members present vote to expel, a ballot shall be taken on the question: “Shall the defendant be suspended from membership in the Society?” A majority vote of the Board of Direction members present shall prevail.

3.0.7.2.5 Term of Suspension. The vote upon suspension being carried, a ballot shall be taken on the question: “Shall the defendant be suspended from membership for a period of five (5) years?” A majority vote of the Board of Direction members present shall prevail, and successive ballots on suspension terms of four (4), three (3), two (2) and one (1) years shall be taken in that order until majority vote is obtained.

3.0.7.2.6 Letter of Admonition. If the ballot upon suspension fails to carry, a vote shall be taken on the question: “Shall the defendant be sent a letter of admonition?” A majority vote of the Board of Direction members present shall prevail.

3.0.7.2.7 Notification. In the event that expulsion, suspension or other disciplinary action is voted, the Board of Direction at its discretion may ballot upon the question: “Shall the membership of the Society be notified of the (penalty) of the defendant?” A majority vote of the Board of Direction members present shall prevail.

3.0.8 Consent Procedure. Where evidence of a violation of the Constitution, Bylaws or Code of Ethics exists, the Committee on Professional Conduct may, with the consent of the Society...
member charged with the violation, submit to the Executive Committee in writing a statement of the facts of the case and a recommended disciplinary action other than expulsion.

3.0.8.1 Admission/Waiver. In consenting to the submission of the case to the Executive Committee upon the statement of facts, the Society member is deemed for the purposes of the submission to have admitted the facts as set forth in the statement and to have agreed to accept the recommended disciplinary action. The Society member has also waived the right to be present or to present a defense to the charges at the Executive Committee meeting at which the statement of facts and recommended disciplinary action are considered. The Society member’s consent to the submission shall be evidenced by a letter, telegram or other written communication.

3.0.8.2 Executive Committee Consideration. The affirmative vote of a majority of the Executive Committee members present shall be required to take any such recommended disciplinary action. If the Executive Committee does not approve the recommended disciplinary action by such vote, the Society member shall be entitled to present a defense to the charges at a subsequent hearing. The statement of facts submitted with the consent of the Society member shall not constitute evidence at the subsequent hearing at which the case is to be considered.

3.0.9 Execution of Disciplinary Action.

3.0.9.1 Expulsion. The following registered mail notice shall be issued by the Secretary, on behalf of the Board of Direction, to the Society member who has been expelled from membership:

“As the result of proceedings conducted in accordance with Article 3 of the Bylaws, this Board of Direction finds that you have acted in violation of Canon(s) (nos.) of the Code of Ethics.

“You are accordingly expelled from membership in the Society and your name has been dropped from its rolls effective (date). It is requested that you return your membership card and Society certificate of membership.

For the Board of Direction

By: (Secretary)”

3.0.9.2 Suspension. A Society member who has been suspended under these proceedings shall be given notice by registered mail somewhat as follows:

“As the result of proceedings conducted in accordance with Article 3 of the Bylaws, this Executive Committee finds that you have acted in violation of Canon(s) (nos.) of the Code of Ethics.

“Accordingly, your membership in the Society has been suspended for a period of (no.) years, effective (date).

For the Executive Committee of the Board of Direction

By: (Secretary)”

3.0.9.3 Admonition. A Society member who is to be admonished shall be sent by registered mail a letter appropriate to the circumstances of the case. Such letter shall be drafted by the Secretary for approval by legal counsel and by the Executive Committee. It shall be transmitted for the Executive Committee by the Secretary.

3.0.9.4 Publication of Actions.

3.0.9.4.1 Society Publications. At the discretion of the Executive Committee and/or the Board of Direction, notice of any disciplinary action may be published in the Official Society Publications. Such notice may include a statement of the circumstances surrounding such disciplinary action. The name of the Society member subjected to disciplinary action may be mentioned in such notice, provided the disciplined individual has first been notified of the disciplinary action and provided such notice is limited to (a) a factual statement of the action of the Executive Committee or Board of Direction and (b) only such facts surrounding the disciplinary action as are set forth in a publicly available judicial or administrative petition, decision, or related document.
3.0.9.4.2 Notification of Other Organizations. The Executive Committee and/or Board of Direction shall have discretionary authority to direct notification of any expulsion, suspension or other disciplinary action to any other organization of engineers to which the disciplined member of the Society may belong or may have made application for membership, and to any Board of Registration which shall have licensed the disciplined Society member to practice engineering or to which the member may have made an application for such a license. Any such notification may include a statement of the circumstances surrounding such disciplinary action.

3.0.10 Delegation of Disciplinary Proceedings Duties.

3.0.10.1 Secretary. Any act directed by this Article to be performed by the Secretary may be performed by such other person as the President or Secretary may designate or by legal counsel for the Society.

3.0.10.2 President. Any act directed by this Article to be performed by the President may be performed by such other person as the Executive Committee or Board of Direction may designate.

3.0.10.3 Member Under Investigation. Any act directed by this Article to be performed by a person or persons against whom charges have been filed may be performed by their legal counsel.

**Article 4. Fees And Dues**

4.0 Annual Dues. The annual dues payable by the Society membership shall be as follows:

4.0.1 Student Members. Annual dues for Student Members shall be zero dollars ($0.00).

4.0.2 Affiliate Members. Annual dues for Affiliate Members shall be two hundred and twenty-five dollars ($225.00), unless the Affiliate Member:
   a) is in the year of baccalaureate degree or the first year after, and then there shall be annual dues of fifty dollars ($50.00) due and payable; OR
   b) is in the second year after baccalaureate degree, and then there shall be annual dues of eighty-five dollars ($85.00) due and payable; OR
   c) is in the third year after baccalaureate degree, and then there shall be annual dues of one hundred and twenty-five dollars ($125.00) due and payable; OR
   d) is in the fourth year after baccalaureate degree and then there shall be annual dues of one hundred and seventy-five dollars ($175.00) due and payable.

4.0.3 Associate Members. Annual dues for Associate Members shall be two hundred and twenty-five dollars ($225.00), unless the Associate Member:
   a) is in the year of baccalaureate degree or the first year after, and then there shall be annual dues of fifty dollars ($50.00) due and payable; OR
   b) is in the second year after baccalaureate degree, and then there shall be annual dues of eighty-five dollars ($85.00) due and payable; OR
   c) is in the third year after baccalaureate degree, and then there shall be annual dues of one hundred and twenty-five dollars ($125.00) due and payable; OR
   d) is in the fourth year after baccalaureate degree and then there shall be annual dues of one hundred and seventy-five dollars ($175.00) due and payable.

4.0.4 Members. Annual dues for Members shall be two hundred and twenty-five dollars ($225.00).

4.0.5 Fellows. Annual dues for Fellows shall be two hundred and sixty dollars ($260.00).

4.0.6 Distinguished Members. Distinguished Members shall be exempt from the payment of annual dues.

4.0.7 President-Emeritus. President-Emeritus Members shall be exempt from the payment of annual dues.

4.1 Payment of Dues.
4.1.1 **Currency for Payments.** Dues and other payments to the Society are acceptable in U.S. dollars only.

4.1.2 **Dues Notification.** Not later than December 1 each year, the Secretary shall mail to each Society member, at the latest address known to the Society, a statement of the amount of dues for the ensuing dues year.

4.1.3 **Notification of Dues Arrears.** Any Society member whose dues are more than three (3) months in arrears shall be so notified by the Secretary. The Secretary also shall mail a notice to any Society member whose dues become six (6) months in arrears. Additionally, a statement of current indebtedness, if any, shall be included with the Dues Notification for the ensuing dues year.

4.1.4 **Loss of Benefits Resulting from Dues Arrears.** Any Society member whose dues are more than three (3) months in arrears shall lose the right to receive publications normally furnished without charge to Society members in good standing. A Society member whose dues become four (4) months in arrears shall lose the right to vote. Any Society member whose dues become twelve (12) months in arrears shall forfeit connection with the Society provided, however, that the Board of Direction, for cause deemed by it to be sufficient, may extend the time for payment of dues and for the application of these penalties.

4.2 **Dues Indexing.** Annually, the Program and Finance Committee will compute the amount dues would be in the Member Grade if increased to adjust for inflation, in accordance with the Consumer Price Index (CPI). If this adjustment is greater than two dollars and forty-nine cents ($2.49), the Program and Finance Committee shall submit an amendment to the Board of Direction proposing an increase in dues to the nearest five dollar ($5) increment for all grades except Student Member, Distinguished Member and President-Emeritus.

4.3 **Dues Reductions.**

4.3.1 **World Economies and International Affiliate Members.** Upon the recommendation of the Region 10 Director and the Executive Director, the Executive Committee may establish lower fees and/or dues for certain World Economies or International Affiliate Members.

4.3.2 **Government Agencies.** The Executive Committee may establish group dues for government agencies and their employees.

4.3.3 **Life Members.** Members who achieve the classification of Life Member are exempt from Annual Dues as defined in the Bylaws.

4.3.3.1 **Life Member Service Fee.** Life Members who elect to receive monthly publications shall be subject to a service fee of fifty dollars ($50.00) per year unless at least that amount is contributed annually to any of the Society’s voluntary funds or the Life Member has paid a one (1) time fee of five hundred dollars ($500.00). Non-payment of the service fee does not affect Society member status.

4.3.4 **Reciprocal Membership Agreements.** Dues reduction may be included as part of a reciprocal membership agreement.

**Article 5. Management**

5.0 **Board of Direction.**

5.0.1 **Strategic Plan.** The Board of Direction shall prioritize strategic planning issues, adopt action plans to address the issues, include funding for the adopted actions in the annual budgeting process and assess progress on impacting the issues.

5.0.2 **Review of Executive Director.** The Board of Direction shall annually review the Executive Committee’s report of the performance of the Society’s Executive Director. No evaluation of the Executive Director shall be considered complete until presented to the Board of Direction.

5.0.2.1 **Report of Review.** The Past President, on behalf of the Executive Committee, shall report to the Board of Direction annually at its Spring Meeting the results of the evaluation of the performance of the Executive Director during the prior fiscal year.

5.0.3 **Approval of Policy Documents.** The Board of Direction is presented proposed policy documents periodically. The Board of Direction may reject the proposed policy, remand the proposed
policy to the originating entity with direction for further revision, approve the substance of the proposed policy as official policy while returning it for further editorial review, or approve the proposed policy as presented. The Board of Direction has independent authority over the policy process and may approve, revise or rescind any policy document without the recommendation of the Public Policy Committee.

5.0.4 Membership Affiliations. Membership affiliations involving the Society shall be initiated only by action of the Board of Direction. The annual operating budget shall make provision for dues commitments incident to such memberships by specific line item identification.

5.0.5 Disaster Response Procedures. The Board of Direction has approved Disaster Response Procedures to allow the Executive Director to respond on behalf of the Society to man-made or natural disasters.

5.0.5.1 Disaster Response Coordinator. When a disaster occurs that has major civil engineering implications, the Executive Director may appoint a Disaster Response Coordinator. The Disaster Response Coordinator shall serve as the central information clearing house for all Society-level activities in response to the disaster and shall facilitate the sharing of information among the Society’s entities.

5.0.5.2 Disaster Response Budget Authority. The Executive Director and President, collectively, are authorized to expend up to twenty-five thousand dollars ($25,000) from the Voluntary Fund in support of unanticipated disaster response by the Society. Expenditures exceeding twenty-five thousand dollars ($25,000) will require the authorization of the Board of Direction or Executive Committee.

5.0.5.3 Notification of Use of Disaster Response Procedures. The Executive Director shall notify the Board of Direction of each use of the Voluntary Fund for the support of unanticipated disaster response.

5.0.6 Approval of Criteria for At-Large Director Candidates. The Board of Direction shall annually approve criteria for the selection of At-Large Director Candidates based on the recommendation of the At-Large Director Review Panel.

5.1 Executive Committee. The Executive Committee is a Board of Direction Committee that reports to the Board of Direction, derives its authority from the Board of Direction and is accountable to the Board of Direction. The Executive Committee is not an entity independent of the Board of Direction, but rather is charged with exercising executive and management judgment in those areas designated by the Board of Direction, and in keeping the Board of Direction informed of its actions. The Executive Committee may review reports of Board of Direction committees and may provide input or alternate recommendations to the Board of Direction. All actions taken by the Executive Committee shall be in accordance with the policies of the Board of Direction and shall be reported to the Board of Direction at its next meeting. The Board of Direction may choose to take up any topic or revisit any issues under the Executive Committee’s purview.

5.1.1 Executive Committee Limitations of Authority. In accordance with New York Law, the Executive Committee shall not have the authority to amend or repeal the Bylaws, adopt new Bylaws, fix compensation for Board of Direction members to serve on the Board of Direction or any committee, expel Society members, nor to fill vacancies on the Board of Direction or on any Board of Direction committee.

5.1.2 General Supervision. The Executive Committee shall assist the President in fulfilling responsibilities for general supervision of the affairs of the Society and shall have the authority, without urgency or prior Board of Direction approval, to approve the following: awards; membership resignations; fellowships and scholarships; employee compensation and benefits activities; and implementation of Board of Direction policies and activities related to the interests of the Society, including: international exchange of information and publications; communications and cooperation with foreign educational, scientific and professional organizations; and the formation of overseas groups.

5.1.3 Disciplinary Proceedings. The Executive Committee shall have the authority to consider and conduct disciplinary proceedings against any member as provided in the Bylaws and shall have final disciplinary authority except in cases involving recommendation of expulsion or reinstatement of members who have been expelled as provided in the Bylaws.
5.1.4 Declaration of Urgency to Act for the Board of Direction. Between meetings of the Board of Direction, and upon a finding of urgency, the Executive Committee shall exercise the full powers of the Board of Direction in matters that in the judgment of the Executive Committee must be acted upon before the next regular meeting of the Board of Direction, subject to the Executive Committee Limitations of Authority.

5.1.5 Performance Review of Executive Director. The Executive Committee, guided by the goals, objectives, and budget of the Society, shall review annually the performance of the Executive Director. The Executive Committee shall present findings from these reviews in an annual report to the Board of Direction.

5.1.5.1 Timing of Review. The review of the Executive Director will be finalized prior to convening the Spring Board of Direction meeting.

5.1.5.2 Conduct of Review. The Past President shall chair a meeting of the President and President-elect to prepare the review of the Executive Director. The President-elect shall participate in the meeting as a non-voting observer. This review is based on a prescribed format, which shall minimally include an evaluation of the accomplishments relative to the Strategic Plan. The review shall be presented to the Executive Committee for approval prior to presentation to the Board of Direction. Following presentation to the Executive Committee, the Past President shall forward a signed copy of the written review to the Executive Director and the Society’s Director of Human Resources.

5.2 Executive Director.

5.2.1 Operations. As the chief staff officer of the Society, hired by the Board of Direction, the Executive Director has sole authority for employment matters for Society staff. The Executive Director shall manage and direct employees of the Society and shall oversee the correspondence of the Society. Under Executive Committee oversight, the Executive Director shall pursue accomplishment of the Society’s Strategic Plan Strategies and shall present an annual report of all the Society’s initiatives to the membership at the Annual Meeting.

5.2.1.1 Deputy Executive Director or Assistant Executive Director(s). The Executive Director may designate one (1) employee as the Deputy Executive Director and/or one (1) or more employees as the Assistant Executive Director(s).

5.2.2 Sponsorship. Management of sponsorship solicitations for certain Society activities, including the Annual Conference and the OPAL Awards Program, shall be the responsibility of the Executive Director.

5.2.3 Annual Report. The Executive Director shall make an annual report to the membership and such other reports as may be prescribed by the Board of Direction.

5.2.4 Fiscal Operations. The Executive Director shall be responsible for the collection and proper accounting of all monies due the Society and for the transfer of such monies to the appropriate financial accounts of the Society.

The Executive Director shall sign all documents relating to transactions in securities. The Executive Director shall present annually to the Board of Direction a balance sheet of the Society’s books, as of the end of the fiscal year, and shall furnish from time to time such other financial statements as may be required.

The Executive Director may expend Society funds as provided in the annual budget and in appropriations from Society reserve funds as approved by the Board of Direction. The Executive Director shall manage funds not needed for current disbursements. No expenditures shall be made from Society reserve funds except upon specific appropriations of the Board of Direction.

The Executive Director shall secure satisfactory surety for the faithful performance of the duties of the directors, Secretary, Deputy Secretary, Assistant Secretaries, Treasurer, Assistant Treasurer and any employee of the Society whom the Executive Director may designate.

5.2.4.1 Borrowing Authority. In the event of emergency financial need, and to avoid adverse impact on reserves, the Executive Director is authorized to borrow up to one million dollars ($1,000,000) on a short-term basis.

5.2.5 Annual Conference. The Executive Director shall select the location and dates for the Annual Conference.
5.3 Region Boards.

5.3.1 Guidelines for Region Operations. Region Boards may adopt guidelines covering any and all aspects of their operations or services. Such documents shall be consistent with and shall not contravene Society governing documents, policies or procedures.

5.3.2 Geographic Region Boards.

5.3.2.1 Geographic Region Board Additional Duties. The duties of Geographic Region Boards shall include but not be limited to: implementation of the Strategic Plan and participation in the preparation of strategic plans; the planning, organization and implementation of activities and events to develop leadership skills of civil engineers and the civil engineering profession, to advance the technology of the civil engineering profession, to advocate lifelong learning for civil engineers, to promote the public’s awareness and appreciation of civil engineers and civil engineering; manage the nomination process for Geographic Region Governors; complete and submit an Annual Report; manage the proper use of Geographic Region funds; solicit and coordinate nominations and submissions to Section and Branch awards and nominations for Society-level awards; recommend Society participation in Amicus Curiae briefs; and undertake and promote activities related to legislative advocacy and public policy.

5.3.2.2 Geographic Region Board Allotment. A total amount not to exceed nine tenths of one percent (0.9%) of the Society’s Membership Dues collected as of September 30 of the preceding fiscal year will be allocated among the Geographic Regions.

5.3.2.2.1 Allocation of Geographic Region Board Allotment Among Geographic Regions. The Geographic Region Allotment will be allocated among the Geographic Regions based on whether they are Small, Medium or Large as calculated by population density (total membership divided by the Region’s geographic area) multiplied by the required number of visits to the Sections, Branches, and student organizations within the Region. Region 1 and Region 2 are Small and each receive six and three-fifths percent (6.6%) of the total Geographic Region Board Allotment; Region 3, Region 4, Region 5, and Region 9 are Medium and will each receive ten and one fifth percent (10.2%) of the total Geographic Region Board Allotment; and Region 6, Region 7, Region 8 and Region 10 are Large and each receive eleven and one half percent (11.5%) of the total Geographic Region Board Allotment.

5.3.3 Technical Region Boards.

5.3.3.1 Technical Region Board Additional Duties. The Technical Region Board duties shall include but not be limited to oversight of the nomination process for Technical Region Governors.

5.4 Input to the Board of Direction and Executive Committee.

5.4.1 Resolutions. The Society’s Organizational Entities may submit to the Secretary resolutions which pertain to subjects currently being considered by the Executive Committee or Board of Direction, or which require action of the Executive Committee or Board of Direction.

5.4.1.1 Tracking of Resolutions. The Board of Direction shall receive in the agenda for its Spring and Fall meetings a matrix tracking responses to Resolutions received. The matrix will record the resolution number, adoption date, subject of the resolution, Board action/referral, and subsequent Board of Direction actions. Once the Board of Direction has accepted final action, the resolution may be removed from the matrix.

5.4.1.2 Action on Resolutions. The Board of Direction either receives and closes resolutions upon receipt or refers resolutions to an appropriate Region Board or Organizational Entity for their response and recommendation to the Board of Direction.

5.4.2 Reports.

5.4.2.1 Report of Region Boards of Governors. Region Boards shall prepare annually reports indicating: activities and events sponsored by the Region, including the number of participants and the goals accomplished; progress on tasks supporting the Strategic Plan; an accounting of
5.4.2 Reports of Committees. All Society Committees and Institutes are required to report to the Board of Direction on an annual basis in writing. The written report shall be provided to the Secretary not later than forty-five (45) days prior to the start of the Board of Direction meeting at which they will make their annual report. Reports are to be provided in a format specified by the Secretary. Society committees shall also engage in discussion with the Board of Direction on an annual basis.

5.4.2.2 Reports of Committees. All Society Committees and Institutes are required to report to the Board of Direction on an annual basis in writing. The written report shall be provided to the Secretary not later than November 30 following a prescribed format.

5.4.2.3 Reports of Committees. Representatives from the Society to committees or boards of other organizations or those formed jointly with other organizations shall submit a report to the Secretary no later than August 1, regardless of whether a meeting was held or not, in a format to be specified by the Secretary. The report should summarize the activities and accomplishments of the committee or board and contain recommendations as to continuing support and participation by the Society.

5.4.2.4 Late Reports. Late reports may be received by the Board of Direction or Executive Committee, but action items contained in these reports shall not be acted upon except under urgency rules as described.

5.4.2.5 Requests for Action. Board and Society Committees, Task Committees and Region Boards of Governors shall submit Requests for Action by the Board of Direction or Executive Committee in the format specified by the Executive Director. Requests for Board of Direction Action shall be received by the Secretary not later than forty-five (45) days prior to the Board of Direction meeting at which action is requested.

5.4.3 Public Policy Documents. Public Policy Documents articulate Society positions to members and the public. The creation of Public Policy Documents lies with Organizational Entities with expertise in the subject area of the Public Policy Document. The Society has three (3) types of Public Policy Documents: Public Policy Statements, Public Policy Position Papers, and Public Policy Resolutions. All Public Policy Documents include a chronology of approval dates by the originating committee(s), the Public Policy Committee, and the Board of Direction.

5.4.3.1 Public Policy Statements. A Public Policy Statement is a broad overview of policy on a topic of continuing concern to the civil engineering profession. The nature of the issue usually is one that will not change materially during a three (3) year period. A Public Policy Statement shall include a clear definition of the policy, an analysis of the issue that led to the development of the Public Policy Statement, and a rationale for involvement of the Society in the issue.

5.4.3.2 Public Policy Position Papers. A Public Policy Position Paper is a more specific examination of an issue, may deal with subsets of a broad Public Policy Statement, and is appropriate for a two (2) year period before being reviewed. A Public Policy Position Paper should include the position, the issue analyzed, and the rationale for Society involvement.

5.4.3.3 Public Policy Resolutions. A Public Policy Resolution is a short term or interim position of the Society that is intended to respond to an immediate concern or a specific event for a time frame of not longer than one (1) year. A Public Policy Resolution shall include one (1) or more clauses that outline the details of the issue and the reasons for concern of the Society, and one (1) or more “resolved” clauses that state the specific position of the Society on the topic.

5.4.3.4 Development of Public Policy Documents. Organizational Entities shall be participants in the public policy development process and endeavor to develop new and revised Public Policy Documents.

5.4.3.5 Communication of Public Policy Documents. Once the Board of Direction has approved a Public Policy Document, it shall be formally announced to the membership and made known to the public.

5.4.3.6 Reassessment of Public Policy Documents. The Public Policy Committee assesses Public Policy Statements, Position Papers and Public Policy Resolutions on a three (3) year, two (2) year and one (1) year cycle respectively.
5.4.4 **Distribution of Agendas.** Agendas for Board of Direction meetings shall be distributed by a means or combination of means that ensures each Board of Direction and Region Board member shall receive the document in a timely manner and in compliance with notice requirements. Agendas for Executive Committee meetings shall be distributed by a means or combination of means that ensures each Executive Committee member shall receive the document in a timely manner and in compliance with notice requirements.

5.4.5 **Urgency.** Nothing in the Rules shall be construed as preventing any committee, any officially appointed person or Organizational Entity, or any member of the Board of Direction from formally presenting any matter to the Board of Direction or Executive Committee for action without compliance with the procedures set forth, provided: the group or individual requesting the action maintains that the matter involves such urgency as to have made compliance with the rules of procedure impossible or impracticable; a brief written statement justifying the urgent nature of the matter shall be submitted to the Board of Direction or Executive Committee; and the matter shall not receive immediate action by the Board of Direction or Executive Committee unless a decision is made by the Board of Direction or Executive Committee that the matter is of such urgency as to require immediate action. A decision of urgency requires three-fourths (3/4) vote of those present and voting.

5.4.6 **Fundraising.** Society representatives soliciting funds for Society-level activities on behalf of the Society should coordinate such activities with the American Society of Civil Engineers Foundation.

5.5 **Financial Management.**

5.5.1 **Financial Philosophy.** The Society strives to accomplish its mission, as stated in its strategic plan, while meeting the financial goals necessary to do so. The Society shall assess its resources and make spending decisions based on available funds, taking into consideration the maintenance of a prudent level of corporate infrastructure and reserves.

The Society derives revenues from membership dues and sales of products and services, including publications, continuing education programs, conferences, advertising and royalties. It is important that the Society develop a balance of revenue sources and seek out new ones, so as not to become too dependent on individual sources. In order to provide funding for programs to meet the Society’s goals and objectives, products and services shall be priced, where possible, so their revenue exceeds expense. At times, in meeting the Society’s goals and objectives, the Society may produce products and services where the expenses exceed revenues. It is the policy of the Board of Direction that members of the Society be given the best available pricing for products and services.

The Society and its affiliates shall maintain an adequate system of internal accounting controls to ensure that accounting transactions are recorded and reported accurately. The accounting policies, procedures and controls shall be documented in an accounting manual.

5.5.2 **Cash and Investments.** The Society maintains funds for operations and long-term investment. Excess cash shall be invested in short-term, low-risk liquid investments. From time-to-time maturities of operating fund fixed-income securities may be extended up to intermediate-term based on market conditions and the amount of funds available for investment. Earnings from operating funds shall be used as a revenue source to fund operating activities. Long-term investments (funds with five (5) year or greater time horizon) shall be invested with the assistance of an investment management firm and in accordance with an Investment Policy approved by the Board of Direction.

5.5.2.1 **Investment Policy.** The Society’s Investment Policy shall specify asset allocations appropriate for a professional society and the type of funds within the Society (e.g., short-term investment fund, long-term investment fund, prizes and awards fund). The Investment Policy shall include the investment objectives, spending parameters and asset allocations for each fund, portfolio return objectives, diversification and rebalancing policies, and reporting requirements. The Investment Policy shall be developed for Board of Direction approval by the Program and Finance Committee in consultation with the investment management firm.

5.5.3 **Restricted Net Assets.** Certain of the Society’s assets and net assets are restricted as to use by donors and cannot be used for general operations of the Society. Restricted money shall be held in separate funds and accounted for separately.
5.5.4 **Reserves Management.** The target level of Reserves shall be held to maintain financial stability in the event of unforeseen catastrophic events, economic downturns, uninsured claims, or to provide seed money for important new initiatives. Reserves are not available to fund ongoing Society programs. If the expendable net assets percentage drops below the target by over five percent (5%), the Program and Finance Committee shall present a plan to the Board of Direction to replenish expendable net assets as part of the annual budget process. If the amount of expendable net assets exceeds the target, the Program and Finance Committee shall consider using a portion of long-term investment earnings to fund operating activities. Once the thirty-five percent (35%) reserve target is attained, the Board may consider using up to three percent (3%) of the previous year’s ending reserve balance to provide support for operations. Care must be taken when allocating these earnings to operations since investment earnings may turn negative in subsequent years, thus reducing the amount available to fund future operations.

5.5.4.1 **Institute Reserves.** Society Institutes are each authorized to have expendable net asset balances (reserves) that are designated for their use. Their target of expendable net assets (reserves) to Institute annual expenses is the same as the overall target for the Society. When an Institute’s Reserves exceed fifty percent (50%) of that Institute’s fiscal year’s actual annual expense, the excess funds shall become part of the Society’s Reserves and shall no longer be designated for Institute use.

5.5.5 **Annual Operating Budget.** The Society shall budget its programs and activities consistent with the Strategic Plan and the associated value propositions that the Society delivers on an ongoing basis. The Strategic Plan consists of the vision, mission, and goals; the radar screen of strategic issues; and the approved strategies to address the Board of Direction designated top priority strategic issues. Value propositions are statements that encapsulate the Society’s ongoing delivery of value to members, as seen from the member’s point of view, giving a finer breakdown of effort than provided by the goals. The Society will strive to coordinate the strategic planning and budget processes so that decisions for strategic budgets (funding strategies that address strategic issues) and the budgeting of annual operating plans (to deliver the value propositions) can be made on a reasonable and timely basis.

The Program and Finance Committee is charged with the responsibility of preparing the Society’s annual Operating Budget using Society staff and committees as resources. The Operating Budget shall be presented to the Board of Direction for their review and approval prior to the beginning of the Fiscal Year. Institute budgets, which are prepared by the individual Institutes, shall be presented to the Board of Direction for approval as well.

Each year, the ongoing activities of the Society shall be evaluated by Society staff leadership, operational committees, Program and Finance Committee, and the Board of Direction from an operational and financial standpoint to determine whether they should be continued and at what level of expenditure. Proposed new activities shall be evaluated by Society staff leadership, Program and Finance Committee, and the Board of Direction to determine their appropriateness from a strategic, operational and financial standpoint. Written information about proposed new activities shall be presented with the request, including a complete description of the activity, impact on members, benefit to the Society, budget data, coordination with the Strategic Plan, and methodology for evaluating success.

The Program and Finance Committee shall present an Operating Budget without a dues increase for consideration by the Board of Direction and may also present an Operating Budget that calls for a dues increase if the proposed annual Operating Budget requires it.

Operating Budgets are guides prepared in advance of the Fiscal Year and therefore are not always a precise plan for revenue and expense. Variances occur regularly for individual budget line items due to the passage of time and evolution of plans. The Executive Director has the responsibility to manage the execution of the Operating Budget within a reasonable framework of variances and within the budgeted total change in net assets. The Program and Finance Committee will receive a monthly budget to actual comparison with a quarterly comparison provided to the Board of Direction that includes descriptions of and reasons for significant variances.

5.5.6 **Annual Capital Budget.** The Program and Finance Committee is charged with the responsibility of preparing the Society’s annual Capital Budget using Society staff as its resource. The Capital Budget shall be presented to the Board of Direction for their review and approval.
The Capital Budget is for the purchase of assets that have an expected useful life in excess of one (1) year and a cost in excess of the Society’s capitalization limit. These assets are depreciated (charged as expense) over their estimated useful lives.

5.5.7 **Unbudgeted Expenditures.** During the budget year, requests may arise for additional funding for existing activities or for funding of a proposed activity. The Executive Committee shall have the authority, without prior Board of Direction approval, to approve additional or new expenditures of up to fifty thousand dollars ($50,000) for individual activities or purchases. The annual limit of additional and new expenditures approved as above is one percent (1%) of the annual expense budget. The Executive Committee shall report these additional expenditure authorizations to the Board of Direction at its next scheduled meeting.

All budget additions in excess of fifty thousand dollars ($50,000) shall be submitted to the Program and Finance Committee for review and recommendation before the request is presented to the Board of Direction for approval.

5.5.8 **Fundraising.** Society representatives soliciting funds for Society-level activities on behalf of the Society should coordinate such activities with the American Society of Civil Engineers Foundation.

### Article 6. Officers, Directors and Governors

#### 6.0 **President.** The President is the chief elected officer of the Society and the chief representative and spokesperson for the Society, working in partnership with the Executive Director. As the chief elected executive, the President chairs the Board of Direction and the Executive Committee, and exercises those executive functions defined by the Society’s governing documents. The President represents the Society, domestically and internationally, to members and others, and in this role strives to educate and motivate members and potential members, strengthen the Society, promote Society principles and policies, fulfill Society goals, influence Society future directions, and implement Board of Direction decisions.

6.0.1 **Additional Duties.** The President also reviews agendas and minutes of Board of Direction and Executive Committee meetings prior to distribution and works with the Executive Director to determine their content; assists the Executive Director in keeping the Board of Direction, Executive Committee and Region Governors informed on the conditions and operations of the Society; works with the Executive Director in seeing that basic Society policies and programs are planned, formulated, and executed following Board of Direction approval; supports, defends and advocates policies and programs adopted by the Society membership, Board of Direction and Executive Committee; promotes interest and active participation within the Society on the part of the Society membership and communicates activities of the Board of Direction and the Society; with the Executive Director, acts as Society spokesperson to the press, the public, governments, and other organizations to raise awareness of policies, issues and priorities of concern for the Society and profession; recommends Society members as Society nominees for appointment to public office; exercises general supervision over the work and activities of the Board of Direction and Executive Committee; works with the Executive Director to carry out all charges, policies and resolutions of the Board of Direction and Executive Committee; extends invitations to representatives to serve on the Industry Leaders Council; assumes a key role in the orientation and transition of the President-elect to the duties of President; serves on the American Society of Civil Engineers Foundation Board of Directors; represents the Society at meetings with Founder Society Presidents and the American Association of Engineering Societies (AAES) Board of Governors and participates in meetings and conferences with other engineering societies; leads an international delegation to an area of strategic importance to the Society’s globalization efforts; delivers an address at the Annual Meeting or other Society meeting during the term of office; signs International Agreements of Cooperation with international engineering societies; and attends all meetings of the Presidents-Emeriti Council, making a report on current Society activities.

6.0.2 **Limits of Authority.** The President must have approval of the Board of Direction when establishing or changing any policy matter and has limited authority to utilize Society resources or expend Society funds with the specific concurrence of the Executive Director, Executive Committee or Board of Direction.

6.0.3 **Relationships to Others.** The President is accountable to the Board of Direction and consults the Executive Director on all matters pertaining to Society policies, programs and finances.
6.0.4 Knowledge and Experience Required. The President shall have professional credibility with leadership skills, management experience and significant career accomplishments; should be a confident communicator and presenter, a visionary planner, a motivator, have the ability to work in teams, be a negotiator, conflict manager and consensus builder; and shall have current knowledge and understanding of the Society’s corporate organization.

6.0.5 Financial Expectations of the President. The Society reimburses the President on the basis of reasonable, actual expense incurred subject to Society budgetary policies. The Society shall provide reimbursement, on the basis of the actual expense, for the spouse of the President when accompanying the President on official business of the Society.

6.1 President-elect. The President-elect’s primary duty is to prepare for a term as President.

6.1.1 Additional Duties. The President-elect serves as the communications link between the Society and its Organizational Entities, serves as a member of Board and Society Committees designated in the governing documents or as assigned, as a member of the Board of Direction and Executive Committee, and as an ex-officio member of all other Board of Direction committees; represents the Society with other associations, industry groups or other organizations as requested by the President, Executive Committee or Board of Direction; plans and prepares for a term as President, sets goals and develops structure for the upcoming administration; nominates for Board of Direction approval members for service on the Board and Society Committees for the upcoming term in presidential office; nominates for Executive Committee approval members of the Society to serve during the upcoming term in presidential office on task committees and as liaisons to external organizations; serves on the American Society of Civil Engineers Foundation Board of Directors; presents platform to Presidents-Emeriti Council; delivers an address at the Annual Meeting or other meeting of the Society during the term of office; works with the Executive Director to finalize the agenda for Board of Direction Orientation prior to being inducted as President and chairs Board of Direction Orientation; performs such other duties and assumes such responsibilities as assigned by the President, Executive Committee or Board of Direction; and advocates Society policies.

6.1.2 Limits of Authority. The President-elect has limited authority to utilize Society resources or expend Society funds with the specific concurrence of the Executive Director, Executive Committee or Board of Direction; has considerable authority to select and focus on key goals and themes for the upcoming term in the presidential office; and shall conform to the Society’s governing documents when making nominations for service on committees and to external organizations.

6.1.3 Relationships to Others. The President-elect is accountable to the Board of Direction and works closely with the President so as to fully understand the duties of that office and to ensure a smooth transition.

6.1.4 Knowledge and Experience Required. The President-elect shall have professional credibility with leadership skills, management experience and significant career accomplishments; should be a confident communicator and presenter, a visionary planner, a motivator, have the ability to work in teams, be a negotiator, conflict manager and consensus builder; and shall have current knowledge and understanding of the Society’s corporate organization.

6.1.5 Financial Expectations of the President-elect. The Society reimburses the President-elect on the basis of reasonable, actual expense incurred, subject to Society budgetary policies. The Society shall provide reimbursement, on the basis of reasonable, actual expense incurred, subject to Society budgetary policies, for the spouse of the President-elect when accompanying the President-elect on official business of the Society.

6.2 Past President. The Past President provides to the Society the experience and knowledge gained while serving as President and serves to assure continuing utilization of experience and knowledge gained while President.

6.2.1 Additional Duties. The Past President is a member of Board and Society committees designated in the governing documents or as assigned; serves on the Board of Direction and Executive Committee; serves on the American Society of Civil Engineers Foundation Board; is chair of the Presidents-Emeriti Council; is chair of the Executive Director’s Compensation Review Panel;
advocates Society policies; and performs such other duties as may be assigned by the President, Executive Committee or Board of Direction.

6.2.2  **Limits of Authority.** The Past President has decision-making authority as assigned by the Bylaws and delegated by the Board of Direction.

6.2.3  **Relationships to Others.** The Past President is accountable to the Board of Direction and supports and advises the other two (2) Presidential officers.

6.2.4  **Knowledge and Experience Required.** The Past President having served as President, shall possess the same knowledge, experience, and skills required of the President-elect and shall have a more complete knowledge of the Society’s history, culture and organization.

6.2.5  **Financial Expectations of the Past President.** The Society reimburses the Past President on the basis of reasonable, actual expense incurred, subject to Society budgetary policies. The Society shall provide reimbursement, on the basis of reasonable, actual expense incurred, subject to Society budgetary policies, for the spouse of the Past President when accompanying the Past President on official business of the Society.

6.3  **Society Directors.** A Society Director represents the Society’s best interests as a member of the Board of Direction. As a member of the Board of Direction, a Society Director helps monitor and steer the Society toward its goals. A Society Director acts as the conduit between Society corporate operations and the Organizational Entities and the constituents.

6.3.1  **Additional Duties.** A Society Director shall also serve on Board and Society Committees, task committees and/or in other roles as assigned; debate and establish Society policy; work with staff, members and the Board of Direction to accomplish and monitor Society goals and objectives; represent the Society at other organizations and functions as assigned; and advocate Society policies.

6.3.1.1  **Region Directors Additional Duties.** A Region Director shall also facilitate two-way communication between the Regions and the Board of Direction; and recommend Region Governors to serve on Board and Society Committees.

6.3.1.1.1  **Geographic Region Directors Additional Duties.** A Geographic Region Director shall also provide leadership at Council meetings, Workshops for Section and Branch Leaders and Younger Member Forums; and periodically attend meetings of Councils, Sections, Branches, student organizations, technical and professional groups, and Younger Members and file a report following each. The annual commitment of time for a Geographic Region Director to conduct all duties required is estimated to be in excess of forty-eight (48) days.

6.3.2  **Limits of Authority.** A Society Director has limited authority to utilize Society resources or expend Society funds within established guidelines or with the specific concurrence of the Executive Director, Executive Committee or Board of Direction.

6.3.3  **Relationships to Others.** A Society Director is accountable to the Board of Direction and responsible to the Board of Direction and the members for seeing that Society programs and policies reflect the needs and aspirations of the membership.

6.3.4  **Knowledge and Experience Required.** A Society Director shall have professional credibility with leadership skills, management experience and significant career accomplishments; and should be a confident communicator and presenter, a visionary planner, a motivator, have the ability to work in teams, be a negotiator, conflict manager and consensus builder.

6.3.5  **Financial Expectations of Society Directors.** The Society generally reimburses a Society Director for reasonable travel expenses in accordance with Society policy. A Society Director bears all other expenses.

The personal expense to a Society Director is estimated to be approximately two thousand dollars ($2,000) to three thousand dollars ($3,000) per year. This may vary depending on the boundaries of the Region and the number of units within that Region.

6.4  **Secretary.** The Secretary shall attend all meetings of the Society, of the Board of Direction, and of the Executive Committee, prepare the agendas thereof, record the proceedings thereof, and maintain all corporate documents.
6.4.1 Additional Duties. The Secretary shall resolve issues with elections, provide names of Official Nominees to the Society membership; provide a ballot to voting members prior to the Society-level election; receive petitions for Society-level office; receive completed Society-level election ballots; set dates for closing of the Society-level election and for the counting of Society-level election ballots; notify those elected and inform the secretaries of all Sections of such; notify members of dues status; give advance authorization for funding of committee meetings and meetings of the Board of Direction and Executive Committee meetings; notify appointees of committee assignments; furnish membership lists to local units upon request; receive resolutions from Branches, Sections, and Councils; receive reports from committees and representatives to external organizations; receive action requests for Board of Direction and Executive Committee meetings; refer complaints to the Committee on Professional Conduct, oversee professional conduct investigations and hearings; keep records of professional conduct proceedings, and issue appropriate notices to members under investigation.

6.4.2 Limits of Authority. The Secretary has decision-making authority as assigned by the Bylaws and delegated by the Board of Direction.

6.4.3 Relationships to Others. The Secretary is accountable to and serves at the pleasure of the Board of Direction.

6.4.4 Knowledge and Experience Required. The Secretary shall be a voting Society member and shall possess knowledge of and commitment to the Society’s governing documents, operating procedures, policies, goals and objectives, and parliamentary procedure.

6.5 Treasurer. The Treasurer shall provide financial oversight on behalf of the Board of Direction and with staff assistance, oversees preparation and implementation of the Society’s operating budget. The Treasurer also provides guidance in establishing the Society’s financial goals and objectives.

6.5.1 Additional Duties. The Treasurer serves as the financial officer and chair of the Program and Finance Committee; monitors the Society’s General Fund and trust funds, including investment transactions and their performance; manages Society budgets with the Program and Finance Committee and assists the Board of Direction in its review of actions related to its financial responsibilities; monitors budget performance; works with the Executive Director and President to ensure appropriate financial reports are made available to the Board of Direction on a timely basis; assists the Executive Director and President in preparing the annual budget and future projections and presenting the budget to the Board of Direction for approval; attends all meetings of the Executive Committee and Board of Direction; and advocates Society policies.

6.5.2 Limits of Authority. The Treasurer has limited authority to utilize resources and expend Society funds within established guidelines or with the specific concurrence of the Executive Director, Executive Committee or Board of Direction.

6.5.3 Relationships to Others. The Treasurer is accountable to the Board of Direction.

6.5.4 Knowledge and Experience Required. The Treasurer shall possess knowledge of and commitment to the Society’s governing documents, operating procedures, policies, goals and objectives; shall possess an understanding of corporate accounting; should be knowledgeable of tax codes affecting not-for-profit corporations; and shall be knowledgeable of securities investment and performance expectations.

6.5.5 Financial Expectations of the Treasurer. The Society reimburses the Treasurer on the basis of reasonable, actual expense incurred, subject to Society budgetary policies. Effective immediately following the 2014 Annual Conference, reimbursement for the Treasurer will revert to the daily maximum reimbursement for overnight and non-overnight travel as applied to the first and second year Region Directors.

The personal expense to the Treasurer is estimated to be approximately two thousand dollars ($2,000) to three thousand dollars ($3,000) per year.

6.6 Region Governors.

6.6.1 Additional Duties. Region Governors shall serve on Board and Society Committees as appointed; provide leadership at Council meetings, Workshops for Section and Branch Leaders
6.6.2 Limits of Authority. Region Governors have limited authority to utilize resources and expend Region funds within established guidelines or with the specific concurrence of the Region Board of Governors.

6.6.3 Relationships to Others. Region Governors are accountable to the Region Board of Governors and responsible to the members to plan, organize, direct, manage, and carry out events to engage and serve members in the Region.

6.6.4 Knowledge and Experience Required. Region Governors should have professional credibility with leadership skills, management experience and significant career accomplishments; and should be a confident communicator and presenter, a visionary planner, a motivator, have the ability to work in teams, be a negotiator, conflict manager and consensus builder. Region Governors shall also have skills in communicating with members and the public, in government relations and advocacy, and in conducting events which will engage and serve members.

6.6.5 Financial Expectations of Region Governors. A Region Board may reimburse a Region Governor for reasonable travel expenses in accordance with Society policy. A Region Governor will bear any additional expenses.

6.6.5.1 Financial Expectations of Geographic Region Governor. If the Region Board does reimburse a Region Governor for reasonable travel expenses, the personal expense to a Region Governor is estimated to be approximately three hundred dollars ($300) to one thousand two hundred dollars ($1,200) per year. This may vary depending on the size of the Region and the number of units within the Region and Board and Society committee appointments.

6.7 Absences from Meetings of the Board of Direction. In the event of absence of an elected Director at two (2) consecutive meetings of the Board of Direction or of a Board or Society Committee of which the elected Director is a member, the Secretary shall call the matter to the attention of the Board of Direction for possible action in accordance with Bylaws 6.3. In the case of a Region Director no action shall be taken without notice to and the opportunity for input by the Region Board of Governors that the Region Director represents.

6.7.1 Notification to the Board of Direction of Absences. The Secretary shall include notice of such absences in the agenda for the subsequent Board of Direction meeting.

6.8 Installation of Officers, Directors and Governors. A formal installation shall occur for duly elected or appointed Officers, Directors and Governors to commence their term of office.

Article 7. Regions and Elections

7.0 Geographic Regions. A Geographic Region shall be designated as Region “_” (#) of the American Society of Civil Engineers. Region 1 is comprised of the following Sections: Boston Society, Buffalo, Connecticut Society, Ithaca, Maine, Metropolitan, Mohawk-Hudson, New Hampshire, New Jersey, Puerto Rico, Rhode Island, Rochester, Syracuse, Vermont; Region 2 is comprised of the following Sections: Central Pennsylvania, Delaware, Lehigh Valley, Maryland, National Capital, Philadelphia, Pittsburgh; Region 3 is comprised of the following Sections: Akron-Canton, Central Illinois, Central Ohio, Cincinnati, Cleveland, Dayton, Duluth, Illinois, Michigan, Minnesota, North Dakota, Quad-City, Toledo, Wisconsin; Region 4 is comprised of the following Sections: Arkansas, Indiana, Kentucky, North Carolina, South Carolina, Tennessee, Virginia, West Virginia; Region 5 is comprised of the following Sections: Alabama, Florida, Georgia, Louisiana, Mississippi; Region 6 is comprised of the following Sections: New Mexico, Oklahoma, Texas; Region 7 is comprised of the following Sections: Colorado, Iowa, Kansas, Kansas City, Nebraska, South Dakota, St. Louis, Wyoming; Region 8 is comprised of the following Sections: Alaska, Arizona, Columbia, Hawaii, Inland Empire, Montana, Nevada, Oregon, Seattle, Southern Idaho, Tacoma-Olympia, Utah; Region 9 is comprised of the following Sections: Los Angeles, Sacramento, San Diego, San Francisco; and Region 10 is comprised of the remaining geographic territory including Canada and Mexico.

7.1 Objective of Society Election Process. The objective of the Society’s election process is to provide a fair and impartial framework by which each Candidate receives equal opportunity for promotion of the Candidate’s qualifications for Society-level office to the voting membership.
All activities associated with the Society’s election shall be conducted with due regard for the high character and dignity of the Society and the profession, and shall conform to the standards represented by the Code of Ethics.

The process should respect each member’s needs and time. It is the intent of the process to inform the electorate, while also shielding members from unwanted intrusions and limiting expenses for Candidates and Nominees.

The Society’s election process encourages qualified Society members to become Candidates for Society-level offices, engage members with leadership skills and vision at the time they are willing to serve, and provide adequate information on Candidates to the Society’s voting membership.

7.2 Authority Over Election Issues. The Society manages the Society-level election process. Election questions and conflicts shall be referred to the Society Secretary for resolution. In the case of violations to stated election procedures, the Society Secretary may refer the violation to the Executive Committee for resolution. A Candidate or Nominee may be declared ineligible for office if the Candidate or Nominee is found to have violated the Society’s election process. Organizational Entities who violate the Society’s election process may be sanctioned by the Society.

In the event of violation of the Society’s Code of Ethics, the violation shall be forwarded to the Committee on Professional Conduct for investigation.

The Society is the official source of information on the Nominees and the election process.

7.3 Notification of Vacancy for Society Offices. The Society shall publish not later than September 30 in an Official Society Publication a statement of openings in the Society’s elected offices for the upcoming year.

7.4 Expectations of Candidates for Society Office. Prior to acceptance of a nomination, the Society expects all Candidates for office to review the Society’s governing documents, consult with the incumbent office holder, and become familiar with the activities of the Society.

Candidates and Nominees shall inform their supporters of the Society’s policies governing appropriate conduct relative to election campaigns.

7.5 Election Cycle. The Election Cycle of the Society-level election shall commence on November 1, regardless of whether this date falls on a weekend or holiday, and shall cease on the final date for ballot submission as stipulated by the Society Secretary.

7.6 Election Protocols for Candidates and Nominees Seeking Elected Office.

7.6.1 Deadline Dates. Except for the start of the Election Cycle, when a due date falls on a non-work day, such as a holiday or weekend, the due date shall fall on the next immediate business day.

7.6.2 Public Addresses. Candidates and Nominees for elected office shall be permitted to make speeches in support of their candidacy and participate in debates in accordance with Society election rules. At all times, Candidates and Nominees shall focus on their background, qualifications, leadership skills, vision and goals for the Society relative to the office they seek. No discussion of any other Candidate or Nominee is permitted.

7.6.3 Attendance at Organizational Entity Meetings. An Organizational Entity may invite Candidates and Nominees for elected office to attend a meeting, provided a formal invitation is extended to all Candidates and Nominees for the same office not later than thirty (30) days prior to the event. Candidates and Nominees may make a presentation to the meeting attendees regardless of whether all Candidates and Nominees for the same office accept the invitation.

7.6.4 Participation by Alternative Means. An Organizational Entity shall make available means for participation by those Candidates and Nominees seeking elected office who are unable to accept an invitation in person but wish to be represented by alternative means.

7.6.5 Attendance without an Invitation. Candidates and Nominees for elected office may attend a meeting of an Organizational Entity without an invitation but shall not be allowed to make a presentation to those in attendance.

7.6.6 Exception to Meeting Invitation. Candidates and Nominees for elected office may address their assigned Section, Branch or Primary Institute without a formal invitation being extended to the remaining Candidates and Nominees who have an Address of Record outside the
Section or Branch, or have designated another Institute as their Primary Institute. The Organizational Entity is encouraged to extend a formal invitation to all Candidates and Nominees for the same office, regardless of their Address of Record.

7.6.7 Multi-Region Leadership Conferences. Candidates and Nominees for elected office are encouraged to attend the Multi-Region Leadership Conferences.

7.6.8 Reimbursement. Candidates and Nominees for elected office shall be responsible for all travel related costs when accepting an invitation from an Organizational Entity.

7.6.9 Pursuit of Nomination. Candidates and Nominees for elected office may contact members to discuss their candidacy. However, contact with members of the Region Board Nominating Committee or Board of Direction Nominating Committee regarding nomination shall cease at least ten (10) days prior to the Nominating Committee meeting.

7.6.10 Campaign Materials. Neither Candidates nor Nominees for elected office nor their supporters shall produce or distribute signs, giveaway materials (i.e., key chains, pens, buttons, pins), press kits, or similar items.

7.7 Endorsement of Candidates and Nominees.

7.7.1 Endorsement of President-elect Candidates and Nominees. Organizational Entities shall not endorse an individual for President-elect earlier than December 15.

7.7.2 Endorsement of Candidates and Nominees by Organizational Entities. Organizational Entities may endorse Candidates and Nominees for Society-level office. Such endorsement action may include the rationale used by the Organizational Entity in its decision. The endorsement rationale shall not make reference to, or compare any other Candidates or Nominees seeking the same office. The endorsement action shall be conveyed to the Candidate or Nominee on Organizational Entity letterhead and signed by the chair of that Organizational Entity. Endorsements shall be submitted to the Candidate or Nominee not later than June 1.

7.7.3 Endorsement of Candidates and Nominees by Individual Members. Individual Members of the Society may endorse Candidates and Nominees for Society-level office. Such endorsement shall be conveyed to the Candidate or Nominee not later than June 1 and shall include the member’s full name, Address of Record, and membership number. The endorsement may include the rationale used by the Individual Member in making a decision. The endorsement rationale shall not make reference to, or compare any other Candidates or Nominees seeking the same office.

7.7.4 Endorsement of Candidates and Nominees by Region Nominating Committees. Members of a Region Nominating Committee shall not endorse Candidates and Nominees for Society-level office until the nomination process has concluded and a slate of Official Nominees has been determined.

7.7.5 Endorsement of Candidates and Nominees by the Board of Direction. Current members of the Board of Direction, the Board of Direction Nominating Committee, and the At-Large Director Review Panel may provide a verbal endorsement but shall not provide a written endorsement for Candidates or Nominees for office.

7.7.6 Endorsement Limitations. No Organizational Entity or Individual Member shall endorse more than one (1) individual per office per Election Cycle. Organizational Entities that officially endorse a Candidate or Nominee may publish the endorsement action and supporting rationale in the Organizational Entity’s newsletter and Web site. Any reference to the Society-level election shall include a link to the Society’s official election Web site. No endorsements shall be permitted from non-ASCE organizations.

7.7.7 Endorsement List. Nominees for elected office may submit a list of Organizational Entities and Individual Members who have provided an endorsement action as defined herein. The Nominee shall submit a copy of the endorsement action(s) to the Society Secretary with the Endorsement List. The Endorsement List shall be received by the Society Secretary not later than June 1. No additions shall be made to the Endorsement List once it has been submitted to the Society Secretary.

7.8 Society Support for Election. The Society shall publish in an Official Society Publication and make available for publication by Organizational Entities, the election materials received of all Official and Petition Nominees for elected offices.
7.9 **Region Election Materials.** Candidates and Nominees for elected office shall provide to the Chair of the Region Nominating Committee such information stipulated by the Region’s governing documents.

7.10 **Candidacy for President-elect.** The process for pursuing the office of President-elect includes the following steps:

7.10.1 **Determination of Nomination Route.** Candidates for the office of President-elect shall determine whether to pursue nomination through the Geographic Region Nominating Committee or the Technical Region Nominating Committee.

7.10.1.1 **Declaration of Intent through Geographic Region.** Candidates for the office of President-elect through the Geographic Region shall declare their intent to pursue office by submitting to the Chair of their Geographic Region Board of Governors and the Society Secretary a Letter of Intent to Serve or a letter of nomination from an Organizational Entity. The Letter of Intent to Serve or Organizational Entity nomination shall include the required election materials and be submitted to the Chair of the Geographic Region Board of Governors and Society Secretary not later than December 1.

7.10.1.2 **Declaration of Intent through Technical Region.** Candidates for the office of President-elect through the Technical Region shall first declare their intent to pursue office by submitting a Letter of Intent to Serve to the President of their Primary Institute, the Chair of the Technical Region Board of Governors, and the Society Secretary not later than November 1.

7.10.1.2.1 **Technical Region Candidate Pool.** Each Institute, if it intends to submit a Nominee for President-elect, may submit up to one (1) Nominee to the Chair of the Technical Region Board of Governors and the Society Secretary. The nomination shall be submitted to the Technical Region Nominating Committee and Society Secretary not later than December 1.

7.10.2 **Distribution of Consolidated Nominee Pool.** The Society Secretary shall distribute to the Region Boards of Governors a consolidated pool of Nominees from the Geographic and Technical Regions for the office of President-elect not later than December 8. Each Nominee for the office of President-elect shall provide the required Biographical Statement, Vision Statement and photograph for distribution with the consolidated pool of Nominees.

7.10.3 **Nomination of President-elect Official Nominees.** Region Boards shall not determine their Official Nominee(s) for the office of President-elect earlier than December 15.

7.10.4 **Society-level Election Materials for President-elect Nominees.**

7.10.4.1 **Biographical Statement for President-elect Nominees.** All Nominees for the office of President-elect shall develop a Biographical Statement that shall not exceed one thousand (1,000) words. The Biographical Statement shall conform to the format specified by the Society Secretary. Content of all Biographical Statements shall be reviewed and approved by the Society Secretary prior to distribution or publication in any format. The Biographical Statement shall be submitted to the Society Secretary not later than December 1.

7.10.4.1.1 **Revisions to the Biographical Statement for President-elect Nominees.** All Nominees for President-elect may submit no more than two (2) revised Biographical Statements. The first revision of the Biographical Statement may be submitted not later than the last day of February and shall be valid from March 1 through April 30. The final revision of the Biographical Statement may be submitted to the Society Secretary not later than May 1 and shall be valid for the duration of the Election Cycle.

7.10.4.2 **Vision Statement for President-elect Nominees.** All Nominees for the office of President-elect shall develop a Vision Statement that shall not exceed one thousand (1,000) words. The Vision Statement shall detail the Nominee’s vision for the Society and plans for activities during the Nominee’s term in office. No discussion of any other Nominee is permitted in the Vision Statement. Content of all Vision Statements shall be reviewed and approved by the Society Secretary prior to distribution or publication in any format. The Vision Statement shall be submitted to the Society Secretary not later than December 1.

7.10.4.2.1 **Revisions to the Vision Statement for President-elect Nominees.** All Nominees for President-elect may submit no more than two (2) revised Vision Statements. The first revision of the Vision Statement may be submitted not later than the last day of February.
7.10.4.3 **Photograph for President-elect Nominees.** All Nominees for the office of President-elect shall submit a professional head shot, in color and of a resolution suitable for publication. The photograph shall be submitted to the Society Secretary not later than December 1.

7.10.5 **Geographic Region Nominating Committee.** Each Geographic Region Nominating Committee, if it intends to submit a nominee, may select up to two (2) President-elect Official Nominees. The Chair of the Geographic Region Board of Governors shall convene the meeting on a date and time that will ensure the name(s) of the President-elect Official Nominee(s) are submitted to the Society Secretary not later than February 20.

7.10.5.1 **Restrictions.** The Geographic Region Nominating Committee shall not forward more than one (1) Official Nominee for President-elect from any Section in an Election Cycle.

7.10.5.2 **Petition Nomination for President-elect by Geographic Region Nominees.** Nominees who wish to petition for consideration by the Board of Direction Nominating Committee for the office of President-elect shall first pursue nomination by their Geographic Region Nominating Committee. If unsuccessful in securing the nomination of their Geographic Region Nominating Committee, Nominees shall inform the Society Secretary of their intent to pursue nomination for the office of President-elect by petition not later than February 23.

7.10.5.3 **Petition Signatures.** Signatures from at least four hundred (400) voting members from the Nominee’s Geographic Region shall place the Nominee before the Board of Direction Nominating Committee for consideration. The petition signatures shall be submitted to the Society Secretary not later than March 5.

7.10.6 **Technical Region Nominating Committee.** The Technical Region Nominating Committee, if it intends to submit a President-elect Nominee, may select up to four (4) President-elect Official Nominees. The Chair of the Technical Region Board of Governors shall convene the meeting on a date and time that will ensure the name(s) of the President-elect Official Nominee(s) are submitted to the Society Secretary not later than February 15.

7.10.6.1 **Petition Nomination for President-elect by Technical Region Nominees.** Nominees who wish to petition for consideration by the Board of Direction Nominating Committee for the office of President-elect shall first pursue nomination by the Technical Region Nominating Committee. If unsuccessful in securing the nomination of the Technical Region Nominating Committee, Nominees shall inform the Society Secretary of their intent to pursue nomination for the office of President-elect by petition not later than February 20.

7.10.6.2 **Petition Signatures.** Signatures from at least four hundred (400) voting Society members from the Technical Region shall place the Nominee before the Board of Direction Nominating Committee for consideration. The petition signatures shall be submitted to the Society Secretary not later than March 1.

7.10.7 **Interview of Nominees by Board of Direction Nominating Committee.** All Nominees for President-elect whose names are properly submitted to the Chair of the Board of Direction Nominating Committee shall be invited to the Spring meeting of the Board of Direction, and shall be available for discussion with the Board of Direction Nominating Committee. Reimbursement of travel expenses within the Society’s guidelines shall be provided, if requested.

7.10.7.1 **Procedure.** The Board of Direction Nominating Committee shall select up to two (2) Official Nominees for President-elect. If only one (1) Region Nominee is forwarded from the Region Nominating Committees then that Region Nominee shall be the Society’s Official Nominee for President-elect. If zero (0) Nominees are forwarded from the Region Nominating Committees, the Board of Direction Nominating Committee shall select the Society’s Official Nominee.

7.10.7.2 **Petition Nominees to Election Ballot.** Only Nominees who were not selected by the Board of Direction Nominating Committee as an Official Nominee for President-elect may seek a petition route to the election ballot. Nominees shall inform the Society Secretary of their intent to pursue nomination by petition no more than two (2) business days following the adjournment of the Board of Direction Nominating Committee meeting.
7.10.7.2.1 Petition Signatures. Signatures from at least fifteen hundred (1,500) voting Society members shall place a Nominee on the election ballot as a Petition Nominee for the office of President-elect. The petition signatures shall be submitted to the Society Secretary not later than April 15.

7.11 Candidacy for Geographic Region Director.

7.11.1 Declaration of Intent. Candidates for the office of Geographic Region Director shall submit a Letter of Intent to Serve to the Chair of the Geographic Region Nominating Committee not later than December 1.

7.11.2 Candidate Pool. A Geographic Region Nominating Committee may receive nominations for Geographic Region Director from any Organizational Entity or individual within the Region.

7.11.3 Election Materials for Geographic Region Director Candidates. Candidates for the office of Geographic Region Director shall provide to the Geographic Region Nominating Committee such information stipulated by the Region’s governing documents.

7.11.4 Nomination by Geographic Region Nominating Committee. The Geographic Region Nominating Committee shall select up to two (2) Official Nominees for Geographic Region Director according to defined Region procedures. If only one (1) Candidate is forwarded to the Geographic Region Nominating Committee then that Candidate shall be the Official Nominee. If there are no Candidates then the Geographic Nominating Committee shall select the Official Nominee. The Chair of the Geographic Region Nominating Committee shall convene the meeting on a date and time that will ensure the name(s) of the Official Nominee(s) are submitted to the Society Secretary not later than February 20.

7.11.4.1 Petition to Election Ballot for Geographic Region Director. Only those Nominees for Geographic Region Director who were considered by a Geographic Region Nominating Committee but not selected as an Official Nominee for Geographic Region Director may seek a petition route to the election ballot. Nominees shall inform the Society Secretary of their intent to pursue nomination by petition not later than February 23.

7.11.4.2 Petition Signatures. Signatures of at least two hundred fifty (250) voting members from the Nominee’s Region shall be submitted to the Society Secretary not later than March 5.

7.11.5 Election Materials for Geographic Region Director Nominees. All Nominees for Geographic Region Director, whether Official or Petition Nominees, shall provide to the Society Secretary, in the format stipulated, that information necessary to facilitate a fair and impartial promotion of the Society’s election. All information shall be provided electronically and shall include, but not be limited to:

7.11.5.1 Letter of Intent to Serve. All Nominees for the office of Geographic Region Director shall consent to their nomination by submitting to the Society Secretary a written Letter of Intent to Serve, with acknowledgement of and intent to comply with the duties and responsibilities of the office. The Letter of Intent to Serve shall be submitted to the Society Secretary not later than March 15.

7.11.5.2 Biographical Statement for Geographic Region Director Nominees. All Nominees for the office of Geographic Region Director shall develop a Biographical Statement in a format stipulated by the Society Secretary that shall not exceed six hundred (600) words. Content of all Biographical Statements shall be reviewed and approved by the Society Secretary prior to distribution or publication in any campaign literature or other format. If Nominees for the office of Geographic Region Director do not produce campaign materials earlier in the election cycle then the Biographical Statement shall be received by the Society Secretary not later than April 1.

7.11.5.3 Vision Statement for Geographic Region Director Nominees. All Nominees for the office of Geographic Region Director shall develop a Vision Statement that shall not exceed six hundred (600) words. The Vision Statement shall detail the Nominee’s vision for the Society and plans for activities during the Nominee’s term in office. No discussion of any other Nominee is permitted in the Vision Statement. Content of all Vision Statements shall be reviewed and approved by the Society Secretary prior to distribution or publication in any campaign literature or other format. If Nominees for the office of Geographic Region Director
do not produce campaign materials earlier in the election cycle then the Biographical Statement shall be received by the Society Secretary not later than April 1.

7.11.5.4 Photograph for Geographic Region Director Nominees. All Nominees for the office of Geographic Region Director shall submit a professional head shot, in color and of a resolution suitable for publication. The photograph shall be submitted to the Society Secretary not later than April 1.

7.12 Candidacy for Technical Region Director.

7.12.1 Declaration of Intent. Candidates for the office of Technical Region Director shall submit a Letter of Intent to Serve, or obtain and submit a letter of nomination from an Organizational Entity, to the President of their Primary Institute, the Chair of the Technical Region Board of Governors, and the Society Secretary not later than November 1.

7.12.2 Candidate Pool. Each Institute Governing Board, if it intends to submit a Nominee for Technical Region Director to the Technical Region Board of Governors, shall select a Nominee according to defined Institute procedures and submit the name of the Institute Nominee to the Chair of the Technical Region Board of Governors not later than December 1.

7.12.3 Nomination by Technical Region Board of Governors. The Technical Region Board of Governors shall select an Official Nominee(s) for Technical Region Director according to defined Region procedures. If only one (1) Nominee is forwarded to the Technical Region Board of Governors then that Nominee shall be the Official Nominee. If there are no Nominees submitted to the Technical Region Board of Governors for Technical Region Director then the Technical Region Board of Governors shall select the Official Nominee. The Chair of the Technical Region Board of Governors shall convene the meeting on a date and time that will ensure the name(s) of the Official Nominee(s) for Technical Region Director are submitted to the Society Secretary not later than February 15.

7.12.3.1 Petition to Election Ballot for Technical Region Director. Only those Nominees who were considered by the Technical Region Nominating Committee for the office of Technical Region Director but not selected as an Official Nominee may seek a petition route to the election ballot. Nominees shall inform the Chair of the Technical Region Nominating Committee and the Society Secretary of their intent to pursue nomination by petition for Technical Region Director not later than February 20.

7.12.3.2 Petition Signatures. Signatures of at least two hundred fifty (250) voting members from the Nominee’s Primary Institute shall be submitted to the Society Secretary not later than March 10.

7.12.4 Election Materials for Technical Region Director Nominees. All Nominees for Technical Region Director, whether Official or Petition Nominees, shall provide to the Society Secretary in the format stipulated that information necessary to facilitate a fair and impartial promotion of the Society’s election. All information shall be provided electronically and shall include but not be limited to:

7.12.4.1 Letter of Intent to Serve. All Nominees for Technical Region Director shall consent to their nomination by submitting to the Society Secretary a written Letter of Intent to Serve, with acknowledgement of and intent to comply with the duties and responsibilities of the office. The Letter of Intent to Serve shall be submitted to the Society Secretary not later than March 15.

7.12.4.2 Biographical Statement for Technical Region Director Nominees. All Nominees for Technical Region Director shall develop a Biographical Statement in a format stipulated by the Society Secretary that shall not exceed six hundred (600) words. Content of all Biographical Statements shall be reviewed and approved by the Society Secretary prior to distribution or publication in any campaign literature or other format. If Nominees for the office of Technical Region Director do not produce campaign materials earlier in the election cycle then the Biographical Statement shall be received by the Society Secretary not later than April 1.

7.12.4.3 Vision Statement for Technical Region Director Nominees. All Nominees for Technical Region Director shall develop a Vision Statement that shall not exceed six hundred (600) words. The Vision Statement shall detail the Nominee’s vision for the Society and plans for activities during the Nominee’s term in office. No discussion of any other Nominee is permit-
ted in the Vision Statement. Content of all Vision Statements shall be reviewed and approved by the Society Secretary prior to distribution or publication in any campaign literature or other format. If Nominees for the office of Technical Region Director do not produce campaign materials earlier in the election cycle then the Vision Statement shall be received by the Society Secretary not later than April 1.

7.12.4.4 Contested Election for Technical Region Director. When there are two (2) or more Nominees for the office of Technical Region Director, whether Official or Petition Nominees, all Nominees shall submit a written response to questions developed by the Technical Region Board of Governors. Responses from each Nominee shall not exceed one hundred (100) words per question and shall be submitted to the Society Secretary not later than April 1.

7.12.4.5 Photograph for Technical Region Director Nominees. All Nominees for Technical Region Director shall submit a professional head shot, in color and of a resolution suitable for publication. The photograph shall be submitted to the Society Secretary not later than April 1.

7.13 Candidacy for At-Large Director. The process for pursuing the office of At-Large Director includes the following steps:

7.13.1 Review of Criteria for At-Large Director Candidates. The Standing Board and Society Committees, Executive Committee constituent committees, and the Industry Leaders Council shall receive Board of Direction approved criteria for the At-Large Director position not later than November 15 of the year prior to that in which the vacancy will be filled. Using this criterion, the Standing Board and Society Committees, Executive Committee constituent committees, and the Industry Leaders Council may submit nominations to the Society Secretary not later than March 1.

7.13.2 Candidate for At-Large Director. Using the Board-approved criteria, Candidates for At-Large Director shall be nominated by a Standing Board or Society Committee, Executive Committee constituent committee, or the Industry Leaders Council not later than March 1, or by the At-Large Director Review Panel. The nomination package shall include a current resume, an explanation of why the individual fulfills the criteria established by the Board, and what valuable assets the individual will bring to the Board of Direction.

7.13.3 Process.

7.13.3.1 Development of Candidate Pool. The At-Large Director Review Panel shall convene not later than April 15 to review the Candidates for At-Large Director. The At-Large Director Review Panel shall rank the Candidates in order of preference and submit a Candidate Pool of no more than three (3) individuals to the Society Secretary.

7.13.3.2 Candidate Acceptance. Not later than April 30 the Society Secretary shall contact the At-Large Director Candidates in the order of preference submitted by the At-Large Director Review Panel until one (1) Candidate’s willingness to serve is obtained.

7.13.3.2.1 Candidate Non-Acceptance. If none of the three (3) Candidates for At-Large Director is able or willing to serve then the At-Large Director Review Panel shall propose additional At-Large Director Candidates until there is an acceptance.

7.13.3.3 Letter of Intent to Serve. The At-Large Director Candidate who verbally accepts a position on the Board of Direction shall confirm their decision by submitting to the Society Secretary a written Letter of Intent to Serve, with acknowledgement of and intent to comply with the duties and responsibilities of the office. The Letter of Intent to Serve shall be submitted to the Society Secretary not later than May 15.

7.13.3.4 Submission of At-Large Director Nominee. Upon completion of the review process, the At-Large Director Review Panel shall present no more than one (1) Nominee to the Board of Direction for appointment to the office of At-Large Director.

7.13.4 Endorsements for At-Large Director Candidates. Candidates and Nominees for the office of At-Large Director shall not seek or accept endorsements from Organizational Entities, Individual Members, or any other entity.

7.14 Candidacy for Geographic Region Governor.
7.14.1 Declaration of Intent. Candidates for the office of Geographic Region Governor shall submit a Letter of Intent to Serve to the Chair of the Geographic Region Nominating Committee not later than December 1.

7.14.2 Candidate Pool. A Geographic Region Nominating Committee may receive nominations for Geographic Region Governor from any Organizational Entity or individual within the Region.

7.14.3 Election Materials for Geographic Region Governor Candidates. Candidates for the office of Geographic Region Governor shall provide to the Geographic Region Nominating Committee such information stipulated by the Region’s governing documents.

7.14.4 Nomination by Geographic Region Nominating Committee.

7.14.4.1 Procedure for a Single or Restricted Vacancy. When there is a single vacancy or a vacancy restricted by Region governing documents, a Geographic Region Nominating Committee shall select up to two (2) Official Nominees for Geographic Region Governor. If only one (1) Candidate is provided that Candidate shall be the Official Nominee. If there are no Candidates, the Geographic Region Nominating Committee shall select the Official Nominee for Geographic Region Governor.

7.14.4.2 Procedure for Multiple Vacancies. When there are multiple restricted vacancies for Geographic Region Governor, the Geographic Region Nominating Committee shall endeavor to select a number of Official Nominees not to exceed two (2) times the number of vacancies available.

7.14.4.3 Official Nominees for Geographic Region Governor. The Chair of the Geographic Region Nominating Committee shall convene the meeting on a date and time that will ensure the name(s) of the Official Nominee(s) are submitted to the Society Secretary not later than February 20.

7.14.4.3.1 Petition to Election Ballot for Geographic Region Governor. Only those Nominees for Geographic Region Governor who were considered by a Geographic Region Nominating Committee but not selected as an Official Nominee for Geographic Region Governor may seek a petition route to the election ballot. Nominees shall inform the Society Secretary of their intent to pursue nomination by petition not later than February 23.

7.14.4.3.2 Petition Signatures. Signatures of at least one hundred (100) voting members from the Nominee’s Region shall be submitted to the Society Secretary not later than March 5.

7.14.5 Election Materials for Geographic Region Governor Nominees. All Nominees for Geographic Region Governor, whether Official or Petition Nominees, shall provide to the Society Secretary in the format stipulated that information necessary to facilitate a fair and impartial promotion of the Society’s election. All information shall be provided electronically and shall include but not be limited to:

7.14.5.1 Letter of Intent to Serve. All Nominees for the office of Geographic Region Governor shall consent to their nomination by submitting to the Society Secretary a written Letter of Intent to Serve, with acknowledgement of and intent to comply with the duties and responsibilities of the office. The Letter of Intent to Serve shall be submitted to the Society Secretary not later than March 15.

7.14.5.2 Biographical Statement for Geographic Region Governor Nominees. All Nominees for the office of Geographic Region Governor shall develop a Biographical Statement in a format stipulated by the Society Secretary that shall not exceed two hundred (200) words. Content of all Biographical Statements shall be reviewed and approved by the Society Secretary prior to distribution or publication in any campaign literature or other format. If Candidates or Nominees for the office of Geographic Region Governor do not produce campaign materials earlier in the election cycle then the Biographical Statement shall be received by the Society Secretary not later than April 1.

7.14.5.3 Vision Statement for Contested Elections for Geographic Region Governor. When there are two (2) or more Nominees for the office of Geographic Region Governor, whether Official Nominees or Petition Nominees, all Nominees shall develop a Vision Statement that shall not exceed four hundred (400) words. The Vision Statement shall detail the Nominee’s vision for the Society and plans for activities during the Nominee’s term in office. No discus-
sion of any other Nominee is permitted in the Vision Statement. Content of all Vision Stated
tments shall be reviewed and approved by the Society Secretary prior to distribution or
publication in any campaign literature or other format. If a Candidate or Nominee for the
office of Geographic Region Governor does not produce campaign materials earlier in the
election cycle then the Vision Statement shall be received by the Society Secretary not later
than April 1.

7.14.5.4 Photograph for Geographic Region Governor Nominees. Nominees for the office of
Geographic Region Governor shall submit a professional head shot, in color and of a resolu-
tion suitable for publication. The photograph shall be submitted to the Society Secretary not
later than April 1.

7.15 Activities of Organizational Entities Relative to Society-level Elections.

7.15.1 Provision of Membership Information. An Organizational Entity shall not provide mem-
bership lists of address records or e-mail addresses to Candidates, Nominees or their supporters
for any purpose relative to a Society election.

7.15.2 Publication of Information. An Organizational Entity may publish information on Can-
didates and Nominees that is obtained from the Society Secretary provided the Organizational
Entity publishes the same information for all Candidates and Nominees for the same office. The
Organizational Entity may include the rationale used by the Organizational Entity in its decision
on their Web site and in their newsletters. The endorsement rationale shall not make reference to,
or compare any other Candidates or Nominees seeking the same office.

7.15.3 Promote Participation. In advance of the Election Cycle, an Organizational Entity is
couraged to promote the list of vacancies, declaration dates, and other information regarding
the Society-level election in its publications and Web site, including the election Web site, Nomi-
nee information, deadline dates and other election details.

7.15.4 Written Questions for President-elect Candidates and Nominees. Written questions for
the President-elect Candidates and Nominees by Organizational Entities shall be submitted to the
Society Secretary not later than April 1. Upon review, the Society Secretary may forward the
questions to the Candidates and Nominees and publish their responses in ASCE News,
election podcasts, or other election venues. Questions posed to President-elect Candidates or Nominees in
a face-to-face meeting are not subject to prior approval by the Society Secretary.

7.16 Election Ballot. The election ballot shall include the names of all Nominees for Society-level
and regional office. In Society elections, proxy voting is allowed to the extent that members may
authorize the Secretary to cast their electronic proxy ballot for designated Nominees.

7.16.1 Representation of Official Nominees on Ballot. When there is more than one (1) Official
Nominee for an office, the name of the Official Nominee that comes first in alphabetical order
shall appear first on the election ballot and this method of determining position shall be noted on
the ballot.

7.16.2 Representation of Petition Nominees on Ballot. When there is more than one (1) Petition
Nominee for an office, the name of the Petition Nominee that comes first in alphabetical order
shall appear first on the election ballot and this method of determining position shall be noted on
the ballot.

Additionally, Petition Nominee(s) for all offices shall be distinguished from the Official Nomi-
nee(s) by some convenient notation.

7.16.3 Instructions for Balloting. Ballot processes shall ensure anonymity. Voter signature and
member number must be returned with the ballot. Directions for voting shall be issued with the
ballot.

7.16.4 Distribution of Ballot to Members. For all voting members of the Society in good stand-
ing on May 15, the current year’s election ballot and instructions for voting shall be sent to the
Address of Record not later than June 15.

7.16.5 Tallying of the Ballots.

7.16.5.1 Deadline for Receipt of Ballots. The polls for the election shall close at the end of
business on August 14 and the ballots shall be counted on August 15, except that if either date
falls on a Saturday, Sunday or holiday, the Secretary shall change either or both dates so that
the close of balloting and the counting of ballots shall fall on business days, and provided fur-
ther that election ballots shall be counted not later than August 17.

7.16.5.2 Count by Tellers Committee. The ballots shall be verified under the supervision of no fewer than three (3) tellers who shall be appointed by the President. These tellers comprise the Tellers Committee. No count or listing of votes cast in any Society election shall be permitted until after the polls have closed and then only by the Tellers Committee. The person who receives the largest number of valid votes for an office shall be declared elected. In the event of a tie between two (2) or more persons for the same office, selection shall be made by the Board of Direction from the persons so tied.

7.16.5.2.1 Counting of Votes in Offices Where There are Multiple Vacancies. When multiple vacancies for Geographic Region Governor exist within a specific Region, the individuals with the largest number of valid votes for that office shall be declared elected.

7.16.5.3 Rejection of Ballots. Ballots incorrectly prepared shall be rejected. Ballots that violate any of the other published instructions for balloting may be rejected. The ruling of the Tellers Committee relative to the rejection of ballots is subject only to appeal to the Board of Direction by the Nominee whose ballots were in question.

7.16.5.4 Rejection of Vote. Write-in votes are not accepted. If a write-in vote is contained on a ballot it does not invalidate the ballot; however, the vote for that office will not be tabulated.

7.16.5.5 Notification of Nominees. Immediately following the counting of the ballots, the Secretary or his designee shall notify all Nominees of the election results.

7.16.5.6 Disqualification Due to Relocation. If a Society member who has been nominated or elected to office shall thereafter change residence to a Geographic Region other than the Geographic Region from which the Society member was nominated or elected, the following change in status as a nominee or as an elected director or governor shall be mandatory because of such change of residence: if the relocating Society member has been nominated and not yet elected, that individual shall be ineligible for the office for which they were nominated, and if the relocating Society member has been elected, the office shall be made vacant because of such change in residence.

7.17 Announcement of Election Results. The Secretary or his designee shall announce immediately upon adjournment of the Tellers Committee to the Presidents and secretaries of all Sections and Chairs of Region Boards of Governors the names of the individuals elected. A general announcement shall also be published in an Official Society Publication.

Article 8. Meetings

8.0 Conflict with Business Meetings. No Society-related business or activities shall be scheduled to be conducted coincident with the time of the Annual Membership Meeting of the Society, with any General Business Meeting, or any Special Business Meeting.

8.1 Content of Business Meetings. Unless otherwise provided by the Board of Direction, the items of business at Business Meetings shall include:

—At the Annual Membership Meeting, a report of the Executive Director for the year ending September 30 which shall include a financial report, announcements by the Secretary, a report on canvass of ballot for Officers, Society Directors and Region Governors, installation of new Officers and Society Directors, and other items as deemed necessary by the Board of Direction.

—At General Business Meetings, minutes, announcements and reports by the Secretary, and new business.

8.2 Committee Meetings. The frequency of committee meetings depends on the workload and tasks to be accomplished and on committee budgets. Emphasis should be placed on phone, fax, e-mail, mail communications, teleconferences or other alternatives wherever appropriate.

8.2.1 Calling a Committee Meeting. Committee meetings may be called by the chair or at the request of a majority of the committee.

8.2.2 Notice of a Committee Meeting. Ample advance notice of committee meetings shall be given to all committee members. The Executive Director shall be given advance notification of all committee meetings.
8.2.3 *Funding of a Committee Meeting.* The Executive Director must give advance authorization for any committee expenditures in excess of those funds budgeted for a committee.

8.3 *Reimbursement for Society Meetings.* These procedures apply to reimbursement for all approved Society travel. If travel cost is to be reimbursed by the Society, the following authorization procedure is required.

8.3.1 *Request for Reimbursement Authorization.* A request for authorization shall be submitted to the headquarters of the Society at least thirty (30) days prior to the proposed date for the meeting. The request shall contain a statement demonstrating the need for the meeting, and the following information: the agenda, stating purposes of the meeting; the date, time and location of the meeting; and the persons expected to attend, identifying those requesting full or partial reimbursement of travel cost.

8.3.2 *Minimum Cost Location.* The location of the meeting shall be selected to assure minimum expense to the Society, including transportation and other expenses, and, to the extent compatible therewith, minimum travel time for participants. In general, a minimum cost location will be a location central to those attending the meeting. However, a meeting may be authorized to be held at a non-central location if the request provides that the total cost for a meeting in the location selected will not exceed the cost for the same meeting at a minimum cost location. Meetings should be scheduled to take advantage of lower cost airfare alternatives that may be available on weekends or selected weekdays.

8.3.2.1 *Exception to Minimum Cost Location.* Minimum cost location will not apply when the meeting is held at a Society-level conference, including the Annual Conference, a Specialty Conference, a Board of Direction Committee Week, or other major meeting of the Society; or at policy committee meetings in Washington, DC; or at Society headquarters.

8.3.3 *Availability of Funds.* Reimbursement authorization for attendance at meetings shall be subject to the availability of budgeted funds. The Chair is responsible for informing eligible members of the funds available prior to any authorized travel.

8.3.4 *Requirement to Submit Report Prior to Reimbursement.* Reimbursement of expenses may be withheld until the Secretary receives the required report or minutes.

8.3.5 *Reimbursement for Attendance at Board of Direction Meetings.* Reimbursement may be authorized by the Secretary for attendance at Board of Direction or Executive Committee meetings by the chairs of standing Board and Society Committees, those special committees presenting a report, and Nominees included on an official Society ballot between the time the ballot is distributed and the time the Nominee is duly elected. Nominees for President-elect may receive reimbursement for attendance at Board of Direction or Executive Committee meetings following May 1 of the year of election.

8.3.5.1 *Reimbursement for Attendance at Board of Direction Nominating Committee Meetings.* Nominees for President-elect shall be available for interview by the Board of Direction Nominating Committee and reimbursement is authorized for attendance.

8.4 *International Travel Authorization.* All international travel undertaken by volunteers on behalf of the Society shall be authorized in advance by the Society’s Executive Director. The Executive Director shall make periodic reports to the Executive Committee of approved international travel. In unusual circumstances, the Executive Director may seek approval from the Executive Committee before authorization is granted.

8.4.1 *International Travel Reimbursement.* Reimbursement of international travel is subject to the Society’s travel policy, including submission of a trip report. The reimbursement request and trip report shall be submitted to the Executive Director for approval within sixty (60) days of the trip.

8.5 *Travel and Reimbursement Policy.* For authorized travel, costs incurred may be reimbursed, subject to specified conditions. All requests for reimbursement shall be made on standard forms provided by the Society. Requests for reimbursement must be submitted to Society staff not later than sixty (60) days after the associated meeting or activity, and must be accompanied by original receipts for airline or train travel. When original receipts are not available, copies of original receipts or a suitable explanation for their absence must be provided to support the request for reimbursement. Reimbursement requests received later than sixty (60) days after the associated meeting or activity may be reimbursed
at the discretion of the Executive Director. Reimbursement requests received later than one hundred twenty (120) days after the associated meeting or activity will not be reimbursed unless an exception is authorized by the Executive Committee.

8.5.1 Eligibility. Reimbursement of authorized travel expenses shall be limited to Society or Institute members who are in good standing at the time the travel expense was incurred.

8.5.2 Transportation. The cost of transportation may be reimbursed for air, ship, train, or motor vehicle travel, but not in excess of the applicable portion of a fourteen (14) day advance purchase, round-trip, coach airfare ticket. Reimbursement shall be provided for airfare that utilizes the most cost effective route of travel to and from the meeting location. Mileage reimbursement for use of motor vehicles shall not exceed the IRS allowable rate. With pre-approval, exceptions may be made for travel originating in and returning to different locations, or for travel originating in and returning to locations other than the primary residence of the traveler. Exceptions may also be made when special circumstances result in higher transportation costs.

8.5.3 Other Expenses. Except for major transportation costs, expenses incurred during attendance at authorized meetings, including lodging and local transportation to and from airports and depots, may be reimbursed up to a maximum of one hundred thirty-five dollars ($135.00) per night if overnight lodging is utilized, or forty-five dollars ($45.00) per authorized meeting day if overnight lodging is not utilized. In addition to the room night(s) authorized for a meeting, one (1) additional room night of expense, not to exceed one hundred thirty-five dollars ($135.00), may be requested if the resulting savings in airfare is equal to or greater than one hundred thirty-five dollars ($135.00). Expenses are not payable for time in transit to or from the meeting, or for time between meetings.

8.5.4 Reimbursement Conditions and Exceptions.

8.5.4.1 Reimbursement for Presidential Officers, Presidential Spouses, Executive Committee, Treasurer and Society Staff. For Presidential Officers, Presidential Spouses, the Executive Committee, Treasurer and Society Staff, other expenses are reimbursed on the basis of reasonable, actual expense within established budgetary limits, until the conclusion of the 2014 Annual Conference.

The President and Executive Director and their spouses are authorized to travel outside North America via business class or its equivalent.

8.5.4.2 Reimbursement of Executive Committee Members and Treasurer. Effective immediately following the 2014 Annual Conference, reimbursement for members of the Executive Committee and the Treasurer will revert to the daily maximum reimbursement for overnight and non-overnight travel as applied to the first and second year Region Directors.

8.5.4.3 Reimbursement for Travel on Behalf of the President and Executive Director. Members of the Society who attend international or domestic meetings on behalf of the President or Executive Director shall be reimbursed in accordance with the Society’s maximum authorized meeting day allowance. Reimbursement for members who travel outside North America on behalf of the President or Executive Director is restricted to the price of an economy ticket.

8.5.4.4 Reimbursement from Another Source. When all or part of a travel expense is covered from another source, the request to the Society shall signify either that no reimbursement is requested, or that only part, as stipulated, is requested.

8.5.4.5 Unclaimed Funds. If any member authorized for travel reimbursement to a meeting does not claim all or part of the funds available for that member, those unclaimed funds cannot be redistributed to another committee member authorized to attend the meeting.

8.5.4.6 Liaison/Representative Reimbursement. Society representatives to liaison committees and other external organizations shall not be eligible for travel reimbursement unless authorized in advance by the Executive Committee. Authorized reimbursement shall be made in accordance with the Society’s reimbursement policy. A written report concerning the meeting shall be submitted with the request for reimbursement.

8.5.4.7 International Travel for Committee Meetings. Members of the Society residing in Region 10 who are members of a Board or Society Committee may be reimbursed for travel authorized in accordance with Society policy to the U.S. from a point outside the U.S. not to exceed the average cost of travel of the U.S. resident members of the committee.
8.5.4.8 **Local Travel.** Travel costs, including transportation and other expenses, may not be reimbursed for trips totaling less than one hundred (100) miles round trip.

8.5.4.9 **No Authorization Required.** Travel is approved for members of the Board of Direction for expenses connected with attendance at meetings of the Board of Direction, Multi-Region Leadership Conferences, and applicable Nominating Committees, and for members of its Executive Committee for expenses connected with attendance at meetings of the Executive Committee.

8.5.4.10 **Board Committee Week and Annual Conference Attendance for Board of Direction Members.** Expenses incurred by a member of the Board of Direction may be reimbursed for attendance at Board of Direction Committee Week and at the Annual Conference of the Society, including meetings of the Board of Direction and meetings of any committees of which the Director is a member, from the day of the first committee meeting attended through the last meeting attended, including all intervening days. Transportation costs only are reimbursable when the Board of Direction Director has no specific meeting assignments.

8.5.4.11 **Travel Within Domestic Geographic Regions 1-9.** Travel expenses incurred by Domestic Geographic Region Directors under their own initiative, on Society business and in their official capacity, are authorized provided such travel occurs in their own Regions unless otherwise approved by the Executive Committee.

Domestic Geographic Region Directors who travel outside their Region for the purpose of attending a Student Conference may do so without prior approval from the Executive Committee and be reimbursed within the Society’s travel reimbursement policy.

8.5.4.12 **Travel by Technical Region Director.** Travel expenses incurred by Technical Region Directors under their own initiative, on Society business and in their official capacity, are authorized provided such travel occurs domestically. Attendance at international meetings must be authorized in advance by the Executive Committee.

8.5.4.13 **Travel by Region 10 Director.** Travel on the Region 10 Director’s own initiative within Region 10 is reimbursable in an amount to be determined by the Executive Committee. Such reimbursement for the Region 10 Director’s travel shall not exceed more than one hundred fifty percent (150%) of the average travel reimbursement of all Geographic Region Directors in the most recently completed fiscal year. Reimbursement of travel costs for trips beyond these limits is subject to prior approval by the Executive Committee. Travel reimbursement for expenses connected with attendance at meetings of the Board of Direction and at meetings of any Board or Society Committees of which the Region 10 Director is a member shall be authorized regardless of the place of residence of the Region 10 Director.

8.5.4.14 **Reimbursement for Travel to the Workshop for Section and Branch Leaders.** Reimbursement for delegate travel to the Workshop for Section and Branch Leaders may be capped at a specific dollar amount. The amount of available reimbursement will becommunicated to attendees in advance of the Workshop.

8.5.4.15 **Exceptions to the Policy.** Any exceptions to the Society’s overall travel expense reimbursement policy shall be approved in advance by the Executive Committee.

8.5.4.16 **Policy Review.** The Board of Direction shall reevaluate the travel reimbursement policy at least once every five (5) years.

**Article 9. Committees, Institutes, Academies, Geographic Units, Foundations, Affiliated and Other Organizational Entities**

9.0 **Committee Membership.**

9.0.1 **Ex Officio Members.** The President and President-elect shall be ex officio members of all Board and Society Committees and all Executive Committee constituent committees with the exception of the Committee on Professional Conduct, Audit Committee and the Society Awards Committee. Other ex officio members are identified in committee descriptions herein. Ex officio members shall receive all rights of membership but are not obligated to be present at committee meetings and shall therefore not be counted in the quorum of the meeting unless they are present.
9.0.2  
**Number of Members.** The number of members on committees is primarily a function of committee responsibilities.

9.0.2.1  
**Corresponding Members.** Corresponding Members may be added to a committee by the President or President-elect during the appointment process, or by the committee itself, from individuals who have expressed an interest in the committee’s work. A Corresponding Member is not granted the right to participate in committee votes, receive reimbursement for expenses, but may attend the committee’s meeting and shall receive all correspondence of the committee such as meeting agendas and minutes. Often committee vacancies are filled by Corresponding Members.

9.0.3  
**Length of Service.** All committee members, chairs and other Officers, Society Directors and Region Governors serve a term that begins and ends at the conclusion of the Society’s Annual Meeting for time periods specifically stated in their appointment documents. With the exception of ex officio members, committee members will normally serve terms of three (3) or four (4) years, subject to annual review.

Continued appointments for an individual beyond six (6) years on a given committee should normally not be considered. Having served six (6) consecutive years, a member of a Board or Society constituent committee will normally be ineligible for reappointment to the same constituent committee for three (3) years. To the extent practicable, new appointments should be planned so about the same number of members begin each year to maximize experience and foster continuity on the committee. If at the time a committee member’s term expires a replacement has not been approved by the Board of Direction, the outgoing committee member shall continue to serve until a replacement is appointed.

9.0.4  
**Committee Officers.** Unless otherwise identified in their Organization, each Board, Society, and Executive Committee constituent committee and Strategic Initiative committee shall have a chair appointed by the President or President-elect. The chair of a committee shall preside at all committee meetings and shall be an ex officio of all constituent committees of the committee, unless named a member. The chair may, with the approval of the committee, designate a vice chair from the membership of the committee. The vice chair shall be authorized to chair the committee in the absence of the chair. The secretary of a committee may be appointed from the committee or be a staff member.

9.1  
**Committee Administration.** The purpose of all Board and Society committees is to assist the Board of Direction in the responsibility of planning and managing Society programs and business.

9.1.1  
**Appointment to Committees.** The Board of Direction shall appoint members to Board, Society, Strategic Initiative, and Executive Committee constituent committees. The President or President-elect has the task of recommending members to serve or fill vacancies on Board, Society, Strategic Initiative committees, and Executive Committee constituent committees, special representative or liaison appointments. During the appointment process, the President or President-elect shall solicit the input of the current chair of each Board and Society committee, Executive Committee constituent committees and Strategic Initiative committees regarding appointments to that committee. The President or President-elect may not deviate from the Organization of a committee without advance approval from the Executive Committee.

In appointing members to committees, consideration should be given to the appointment of current or past Geographic Region Governors or current or past Institute Board members, the appointee’s experience and professional competence in the area of the committee’s charge and interest in, and willingness to contribute to, the committee’s work; as well as the committee’s composition in terms of representation from different geographic locations, practice areas experience bases, and diverse groups. Consideration shall be given to the inclusion of international members on all committees. Region Directors serving on the Executive Committee should not be appointed to additional committees unless it is specifically stated in the committee organization.

9.1.1.1  
**Membership on Committees.** Membership on Board, Society, Strategic Initiative Committees and their constituent committees shall be limited to ASCE members in good standing.

Exceptions for non-ASCE members to serve on Board, Society, Strategic Initiative Committees and their constituent committees shall be evaluated by the Executive Committee on a case-by-case basis, and authorization for reimbursement may or may not be granted by the Executive Committee.
9.1.1 Participation on Committees by Institute-only Members. Institute-only members may not serve on Board, Society, Strategic Initiative Committees and their constituent committees unless the committee organization requires an Institute member. If an ASCE/Institute member cannot be identified to fill the vacancy then an Institute-only member may serve and be entitled to reimbursement within the Society’s travel policy.

9.1.2 Appointment to Task Committees and Other Organizations. The Executive Committee shall approve appointments made by the President or President-elect to task committees and liaison appointments to other organizations.

9.1.3 Appointment to Constituent Committees of Society Committees. The Society Committee shall make appointments to its constituent committees.

9.2 Standing Board Committees. In addition to the Executive Committee, the following are standing Board of Direction committees:

9.2.1 Audit Committee.

Organization. The Audit Committee (AC) shall consist of no more than four (4) Society members, one (1) of whom shall be a current Society Director and one (1) of whom shall be a past Society Director. Preference shall be given to current or past Geographic Region Governors and current or past Institute Board members with strong financial qualifications for the remaining positions. Members of the Audit Committee shall be financially literate. Program and Finance Committee members may not serve on the Audit Committee. The Chair of the Audit Committee shall be selected by the President-elect. A signed Conflict of Interest statement shall be required from all members of the Committee.

Responsibilities. The Audit Committee shall oversee all aspects of the Society’s financial audits.

9.2.2 Executive Committee.

Constituent Committees. The Executive Committee shall include the following standing constituent committees:

9.2.2.1 Committee on Professional Conduct.
Organization. The Committee on Professional Conduct (CPC) shall consist of no more than five (5) Society members, all of whom shall be previous members of the Board of Direction, with representation from no less than four (4) different Regions. Preference shall be given to Professional Engineers or Professional Surveyors in the United States or the country in which they reside (if such licensure is available).

Responsibilities. The Committee on Professional Conduct shall investigate charges of misconduct against members of the Society as provided in the governing documents.

9.2.2.2 Executive Director Compensation Review Panel.

Organization. The Executive Director Compensation Review Panel (EDCRP) shall consist of the President, President-elect and the Past President who shall serve as chair. The President-elect shall participate as a non-voting observer.

Responsibilities. The Executive Director Compensation Review Panel shall, following the prescribed format, prepare the review of the Executive Director for presentation to the Executive Committee.

9.2.2.3 Governing Documents Committee.

Organization. The Governing Documents Committee (GDC) shall consist of no more than four (4) previous members of the Board of Direction with interest and experience in governance and parliamentary procedure.

Responsibilities. The Governing Documents Committee shall provide oversight for proposed amendments to the Society’s governing documents and provide counsel to the Board of Direction on issues related to the governing documents; and, as directed, review amendments to the governing documents of Organizational Entities.

9.2.2.4 Membership Application Review Committee.

Organization. The Membership Application Review Committee (MARC) shall consist of no more than ten (10) Members, Fellows or Distinguished Members of the Society.

Responsibilities. The Membership Application Review Committee shall review for possible waiver membership applications that do not qualify according to the Society’s criteria for specific membership grades.

9.2.2.5 Presidents-Emeriti Council.

Organization. The Presidents-Emeriti Council (PEC) shall consist of all Presidents-Emeriti of the Society and be chaired by the Past President of the Society. The quorum for the Presidents-Emeriti Council is fifteen percent (15%) of the Council’s membership.

Responsibilities. The Presidents-Emeriti Council shall serve in an advisory capacity to the Board of Direction and Executive Committee.

9.2.2.6 Society Awards Committee.

Organization. The Society Awards Committee (SAC) shall consist of nine (9) members approximately balanced between academics and practitioners: one (1) past Geographic Region Director, one (1) past Technical Region Director, two (2) Distinguished Members, two (2) Society members who are Society Award or OPAL lifetime achievement winners, two (2) most recent available Presidents-Emeriti, and the Past President. Terms shall be two (2) years and be staggered to maintain balance, except that the Past President shall serve for one (1) year. The chair shall be the past Geographic or Technical Region Director who has served on the Committee for the longer period of time, with the other serving as vice chair.

Responsibilities. The Society Awards Committee shall annually consider and recommend to the Board of Direction nominations for Distinguished Membership in the Society in accordance with the Constitution and Bylaws; recommend to the Executive Committee the recipient of the Norman, Croes, Wellington, and ASCE State of the Art of Civil Engineering prizes; recommend to the Executive Committee nominations for the Outstanding Projects and Leaders (OPAL) Awards; oversee Society Award endowments and the establishment of new Society Awards, oversee Society scholarship endowments and the establishment of new Society scholarships, and consider nominations for and award scholarships.
9.2.3 Program and Finance Committee.

Organization. The Program and Finance Committee (PFC) shall consist of no more than ten (10) Society members, including four (4) current Society directors; the current Treasurer who shall serve as Chair; the Assistant Treasurer who shall serve as vice-chair; and four (4) others with preference given to current Region Governors.

Responsibilities. The Program and Finance Committee shall oversee the Society’s financial resource planning including budget development and investment management.

9.3 Standing Society Committees. The following are standing Society Committees:

9.3.1 Committee on Advancing the Profession.

Organization. The Committee on Advancing the Profession (CAP) shall consist of no more than ten (10) Society members, including one (1) current Society Director who shall not serve as chair.

Responsibilities. The Committee on Advancing the Profession shall advance the civil engineering profession and the professional practice of civil engineers.

Constituent Committees. The Committee on Advancing the Profession shall include the following standing constituent committees:

9.3.1.1 Committee on Diversity and Inclusion.

Organization. The Committee on Diversity and Inclusion (CDI) shall consist of no more than ten (10) Society members, including two (2) current or past Geographic Region Governors, two (2) current or past Institute Board members, and one (1) Younger Member. All members should have an interest in diversity and inclusion initiatives.

Responsibilities. The Committee on Diversity and Inclusion shall provide leadership for diversity and inclusion as the standard for ASCE and the engineering community through its programs, products and services.

9.3.1.2 Committee on Ethical Practice.

Organization. The Committee on Ethical Practice (CEP) shall consist of no more than eight (8) Society members, including two (2) current or past Geographic or Technical Region Governors.

Responsibilities. The Committee on Ethical Practice shall review and develop policies, procedures and programs to promote personal ethical conduct and professional ethical practices within the global civil engineering and construction industries to uphold and enhance the honor, integrity, and dignity of the profession.

9.3.1.3 Committee on Leadership and Management.

Organization. The Committee on Leadership and Management (CLM) shall consist of no more than eight (8) Society members, including two (2) current or past Geographic or Technical Region Governors.

Responsibilities. The Committee on Leadership and Management shall promote the development of, increase the expertise of, and recognize civil engineers as leaders and managers.

9.3.1.4 Committee on Licensure.

Organization. The Committee on Licensure (COL) shall consist of no more than eight (8) Society members, including two (2) current or past Geographic or Technical Region Governors.

Responsibilities. The Committee on Licensure shall promote the licensure of civil engineers, collaborate with others involved in professional licensure, and monitor, support, and encourage licensure activities.

9.3.1.5 History and Heritage Committee.

Organization. The History and Heritage Committee (HHC) shall consist of no more than eight (8) Society members, including two (2) current or past Geographic or Technical Region Governors.
Responsibilities. The History and Heritage Committee shall promote the civil engineering profession’s history and heritage.

9.3.1.6 Public Agency Peer Review Committee.

Organization. The Public Agency Peer Review Committee (PAPRC) shall consist of no more than eight (8) Society members who have obtained the qualifications to serve as peer reviewers.

Responsibilities. The Public Agency Peer Review Committee shall provide the leadership for and the organization and management of the peer review for public agencies program. The Committee shall also establish criteria for selecting and training reviewers and conducting reviews.

9.3.1.7 Committee on Sustainability. The Committee on Sustainability is a Strategic Initiative committee.

Organization. The Committee on Sustainability (COS) shall consist of no more than twelve (12) Society members, including two (2) current or past Geographic or Technical Region Governors, one (1) current or past member of the Committee on Advancing the Profession (CAP), one (1) current or past member of the Committee on Technical Advancement (CTA), and two (2) Younger Members.

Responsibilities. The Committee on Sustainability shall direct, oversee, and coordinate the Society’s implementation of ASCE’s sustainability strategic initiative. The Committee on Sustainability shall also provide oversight of ASCE’s involvement in the Institute for Sustainable Infrastructure (ISI).

9.3.1.8 Raise the Bar Committee. The Raise the Bar Committee is a Strategic Initiative committee.

Organization. The Raise the Bar Committee (RTB) shall consist of no more than ten (10) Society members, including two (2) current or past Geographic or Technical Region Governors.

Responsibilities. The Raise the Bar Committee shall direct, oversee, and coordinate the Society’s implementation of ASCE’s Raise the Bar strategic initiative.

9.3.2 Committee on Education.

Organization. The Committee on Education (COE) shall consist of nine (9) members, including one (1) current Society Director who shall not serve as chair, one (1) current Society delegate to ABET, the current chair of the Department Heads Coordinating Council (DHCC), and five (5) additional Society members. There shall also be one (1) current representative of the Civil Engineering Division of the American Society for Engineering Education (ASEE), who may or may not be a Society member.

Responsibilities. The Committee on Education shall focus on matters that affect the education of civil engineers from primary grades through completion of post-secondary education.

Constituent Committees. The Committee on Education shall include the following standing constituent committees:

9.3.2.1 Committee on Accreditation.

Organization. The Committee on Accreditation (COA) shall consist of no more than ten (10) members, including at least two (2) current ASCE representatives to the ABET Board, two (2) current ASCE commissioners serving on the Engineering Accreditation Commission (EAC), one (1) current ASCE commissioner serving on the Engineering Technology Accreditation Commission (ETAC), one (1) current member of the Committee on Education (COE), one (1) current or past Region Governor, one (1) current Department Heads Coordinating Council (DHCC) member, and the chair of the Committee on Accreditation Operations (COAO).

Responsibilities. The Committee on Accreditation shall administer all activities involving ASCE’s participation in ABET accreditation, specifically including strategic accreditation priorities, policies, and programs.

9.3.2.2 Committee on Faculty Development.
Organization. The Committee on Faculty Development (CFD) shall consist of seven (7) Society members, including one (1) current Department Heads Coordinating Council (DHCC) member, one (1) current member of the Committee on Education (COE), and one (1) current or past Geographic or Technical Region Governor.

Responsibilities. The Committee on Faculty Development shall create and implement programs to foster the development and advancement of faculty as effective educators.

9.3.2.3 Committee on Pre-College Outreach.

Organization. The Committee on Pre-College Outreach (CPO) shall consist of no more than eight (8) Society members, including two (2) current or past Geographic or Technical Region Governors.

Responsibilities. The Committee on Pre-College Outreach shall develop and implement programs and resources to increase interest in and understanding of civil engineering among pre-college aged students, their parents, and educators.

9.3.2.4 Department Heads Coordinating Council.

Organization. The Department Heads Coordinating Council (DHCC) shall consist of no more than twelve (12) Society members, including one (1) current Department Head, Chair or Director per domestic Geographic Region from institutions with ABET accredited Civil Engineering programs, one (1) member nominated by the Architectural Engineering Institute (AEI), and, if available, one (1) member to represent institutions with ABET accredited Construction Engineering programs.

Responsibilities. The Department Heads Coordinating Council shall assist and advise the Committee on Education on the initiation, development, and execution of policies, programs, and procedures designed to enhance civil engineering education and research; foster communication on educational and research matters among all civil engineering department heads, faculty, students, and practitioners; and represent the Society to peer engineering societies’ department heads groups both nationally and internationally.

9.3.3 Committee on Technical Advancement.

Organization. The Committee on Technical Advancement (CTA) shall consist of no more than twelve (12) Society members, including one (1) current Society Director who shall not serve as chair and two (2) current or past members of an Institute Board.

Responsibilities. The Committee on Technical Advancement shall collaborate with the Technical Region, the Institutes and the Academies on the technical activities of the Society.

Constituent Committees. The Committee on Technical Advancement shall include the following standing constituent committees:

9.3.3.1 Aerospace Division Executive Committee.

Organization. The Aerospace Division Executive Committee (ADEC) shall consist of no more than seven (7) Society members.

Responsibilities. The Aerospace Division Executive Committee shall oversee the activities of the Aerospace Division.

9.3.3.2 Codes and Standards Committee.

Organization. The Codes and Standards Committee (CSC) shall consist of no more than twelve (12) Society members, including representation from each of the Society’s Standards Councils, and two (2) current or past Geographic or Technical Region Governors.

Responsibilities. The Codes and Standards Committee oversees the Society’s Codes and Standards development activities, maintains the American National Standards Institute accreditation, and enforces the ASCE Rules for Standards Committees.

9.3.3.3 Committee on Critical Infrastructure.

Organization. The Committee on Critical Infrastructure (CCI) shall consist of no more than nine (9) Society members, including two (2) current or past Geographic or Technical Region Governors.
Responsibilities. The Committee on Critical Infrastructure shall develop and implement activities related to the resilience and risk reduction of critical infrastructure.

9.3.3.4 Council on Disaster Risk Management Executive Committee.

Organization. The Council on Disaster Risk Management Executive Committee (CDRM) shall consist of no more than seven (7) Society members.

Responsibilities. The Council on Disaster Risk Management Executive Committee shall oversee the activities of the Council on Disaster Risk Management.

9.3.3.5 Energy Division Executive Committee.

Organization. The Energy Division Executive Committee (EDEC) shall consist of no more than seven (7) Society members.

Responsibilities. The Energy Division Executive Committee shall oversee the activities of the Energy Division.

9.3.3.6 Geomatics Division Executive Committee.

Organization. The Geomatics Division Executive Committee (GDEC) shall consist of no more than seven (7) Society members.

Responsibilities. The Geomatics Division Executive Committee shall oversee the activities of the Geomatics Division.

9.3.3.7 Pipeline Division Executive Committee.

Organization. The Pipeline Division Executive Committee (PDEC) shall consist of no more than seven (7) Society members.

Responsibilities. The Pipeline Division Executive Committee shall oversee the activities of the Pipeline Division.

9.3.3.8 Technical Council on Cold Regions Engineering Executive Committee.

Organization. The Technical Council on Cold Regions Engineering Executive Committee (TCCREEC) shall consist of no more than seven (7) Society members.

Responsibilities. The Technical Council on Cold Regions Engineering Executive Committee shall oversee the activities of the Technical Council on Cold Region Engineering.

9.3.3.9 Technical Council of Computing and Information Technology Executive Committee.

Organization. The Technical Council of Computing and Information Technology Executive Committee (TCCITEC) shall consist of no more than seven (7) Society members.

Responsibilities. The Technical Council of Computing and Information Technology Executive Committee shall oversee the activities of the Technical Council of Computing and Information Technology.

9.3.3.10 Technical Council on Forensic Engineering Executive Committee.

Organization. The Technical Council on Forensic Engineering Executive Committee (TCFEEC) shall consist of no more than seven (7) Society members.


9.3.3.11 Technical Council on Lifeline Earthquake Engineering Executive Committee.

Organization. The Technical Council on Lifeline Earthquake Engineering Executive Committee (TCLEEEC) shall consist of no more than seven (7) Society members.


9.3.3.12 Technical Council on Wind Engineering Executive Committee.

Organization. The Technical Council on Wind Engineering Executive Committee (TCWEEC) shall consist of no more than seven (7) Society members.
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9.3.4  Member Communities Committee.

Organization. The Member Communities Committee (MCC) shall consist of no more than twelve (12) Society members, including one (1) Chair who has no current affiliation with a constituent committee of the Member Communities Committee, one (1) current Society Director who shall not serve as chair, one (1) member representing technical activities, one (1) current member from the Leader Training Committee (LTC), one (1) current member from the Committee on Younger Members (CYM), one (1) current member from the Committee on Student Members (CSM), one (1) current or past Geographic Region Governor, and one (1) member representing international interests.

Responsibilities. The Member Communities Committee shall be responsible for member support, engagement, and communication. The Member Communities Committee shall provide support and oversight to the Society’s Geographic Units.

Constituent Committees. The Member Communities Committee shall include the following standing constituent committees:

9.3.4.1  Committee on Student Members.

Organization. The Committee on Student Members (CSM) shall consist of no more than ten (10) Society members, including two (2) current or past Geographic or Technical Region Governors, one (1) member of the Architectural Engineering Institute, and one (1) current member from the Committee on Younger Members (CYM).

Responsibilities. The Committee on Student Members shall provide for the development and engagement of students through activities and programs that enhance the formal education process and the transition of Student Members into the profession as ASCE members.

9.3.4.2  Committee on Younger Members.

Organization. The Committee on Younger Members (CYM) shall consist of no more than ten (10) Society members who are Younger Members at the time of their appointment, including one (1) representative from each of the three (3) Younger Member Councils.

Responsibilities. The Committee on Younger Members shall focus on matters of the professional development of civil engineers 35 years of age and younger, and facilitate their engagement with, and participation in, society.

9.3.4.3  Leader Training Committee.

Organization. The Leader Training Committee (LTC) shall consist of no more than ten (10) Society members, including two (2) current or past Geographic or Technical Region Governors. A minimum of five (5) different Geographic Regions shall be represented.

Responsibilities. The Leader Training Committee shall be responsible for the coordination and delivery of leader training and development for the Society.

9.3.5  Public Policy Committee.

Organization. The Public Policy Committee (PPC) shall consist of no more than twelve (12) Society members, including one (1) current Society Director who shall not serve as chair.

Responsibilities. The Public Policy Committee shall coordinate public policy and government relations activities affecting the civil engineering profession and work with allied organizations on matters of mutual interest.

Constituent Committees. The Public Policy Committee shall include the following standing constituent committees:

9.3.5.1  Energy, Environment and Water Policy Committee.

Organization. The Energy, Environment and Water Policy Committee (EEWPC) shall consist of no more than nine (9) Society members with demonstrated skill and expertise in the areas of energy, environment and water.
Responsibilities. The Energy, Environment and Water Policy Committee shall develop and maintain ASCE policies related to the areas of energy, environment and water.

9.3.5.2 Engineering Practice Policy Committee.

Organization. The Engineering Practice Policy Committee (EPPC) shall consist of no more than nine (9) Society members with demonstrated skill and expertise in the area of engineering practice.

Responsibilities. The Engineering Practice Policy Committee shall develop and maintain ASCE policies related to the area of engineering practice.

9.3.5.3 Infrastructure and Research Policy Committee.

Organization. The Infrastructure and Research Policy Committee (IRPC) shall consist of no more than nine (9) Society members with demonstrated skill and expertise in the areas of infrastructure and research.

Responsibilities. The Infrastructure and Research Policy Committee shall develop and maintain ASCE policies related to the areas of infrastructure and research.

9.3.5.4 Key Contact Committee.

Organization. The Key Contact Committee (KCC) shall consist of no more than nine (9) Society members, including one (1) member from each domestic Geographic Region.

Responsibilities. The Key Contact Committee oversees the effective use of ASCE members to pursue ASCE’s strategic plan goals.

9.3.5.5 State Government Relations Committee.

Organization. The State Government Relations Committee (SGR) shall consist of no more than nine (9) Society members, including two (2) current or past Geographic or Technical Region Governors.

Responsibilities. The State Government Relations Committee shall assist ASCE’s local units with programs to effectively participate in state and local legislative activities that are of significance to the civil engineering profession.

9.3.5.6 Transportation Policy Committee.

Organization. The Transportation Policy Committee (TPC) shall consist of no more than nine (9) Society members with demonstrated skill and expertise in the area of transportation.

Responsibilities. The Transportation Policy Committee shall develop and maintain ASCE policies related to the area of transportation.

9.3.5.7 Committee for America’s Infrastructure. The Committee for America’s Infrastructure is a Strategic Initiative committee.

Organization. The Committee on America’s Infrastructure (CAI) shall consist of no more than sixteen (16) Society members, including two (2) current or past Geographic or Technical Region Governors.

Responsibilities. The Committee on America’s Infrastructure shall coordinate all activities related to the Report Card for America’s Infrastructure.

9.4 Other Organizations.

9.4.1 Industry Leaders Council.

Organization. The Industry Leaders Council (ILC) shall consist of representatives from industry, academia, government, and non-governmental organizations to identify tactical actions for ASCE and the civil engineering profession. Membership in the Industry Leaders Council is by invitation only from the ASCE President. Members shall serve a two (2) year term which may be renewed upon invitation by the ASCE President. The Chair and Vice Chair of the Industry Leaders Council shall be selected by the membership of the Industry Leaders Council and shall serve two (2) year staggered terms.
Responsibilities. The Industry Leaders Council shall serve in an advisory capacity to the Board of Direction and Executive Committee, and may submit At-Large Director nominations to the At-Large Director Review Panel for consideration.

9.5 Institutes. Institutes are discipline-oriented, semi-autonomous organizations that operate with their own Bylaws under the direction of their own boards, but remain a part of the Society’s corporate structure. All policies and activities of the Institutes shall be consistent with and subject to the Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure and Code of Ethics.

9.5.1 Institute Purpose. Institutes are focused on specific areas of specialization within the civil engineering profession and provide their members with a full range of educational, professional and technical programs, activities, products and services. Institutes lead in the development and dissemination of new and evolving technology within their specialty areas of civil engineering. A Board directs each Institute in much the same manner as the Board of Direction directs the Society. The majority of Institute Board members are elected by the Institute members, but some Institute Board members shall be appointed by the Board of Direction.

9.5.2 Institute Organization. Each Institute has the authority to establish its own internal organizational structure, which may include committees, executive committees, task committees, divisions, and councils that it considers necessary and appropriate for the efficient and cost-effective operation of its activities.

9.5.3 Institute Funding from Dues. Not earlier than January 1 and not later than March 31, seven and one quarter percent (7.25%) of the annual Member grade dues for the preceding Dues Year shall be provided to each Institute on the basis of their Society dues-paying membership as of September 30 of the preceding Fiscal Year. Additionally, Base Funding for each Institute shall be provided in an amount of three hundred and thirty-three (333) times the annual Member grade dues for the preceding Dues Year.

9.5.4 Institute Funding on Start-Up. Recognizing that on start-up, Institutes may require additional income as they grow their revenue sources, the Society shall provide an additional amount equal to the amount of the Institute Base Funding, fifty percent (50%) to be provided in the Institute’s first (1st) year of operation, thirty-three percent (33%) in the second (2nd) year of operation, and seventeen percent (17%) in the third (3rd) year of operation.

9.5.5 Institute Business Plans. Institutes are required to have three (3) year business plans and to update these annually.

9.5.6 Institute Chapters. Institute Chapters are subsidiary units of Institutes operating cooperatively within a Section, across multiple Sections, or within a Region or state.

9.6 Operational Institutes.

9.6.1 Architectural Engineering Institute. The object of the Architectural Engineering Institute (AEI) is to advance the state-of-the-art and state-of-the-practice of the world-wide building industry by facilitating effective and timely technology transfer; to integrate the technical and professional activities of all individuals engaged in the building industry; to provide a multi-disciplinary forum for building industry professionals to examine technical, educational, scientific and professional issues of common interest; and to promote the objectives of the Society.

9.6.2 Coasts, Oceans, Ports and Rivers Institute. The vision of the Coasts, Oceans, Ports and Rivers Institute (COPRI) is to serve as a multi-disciplinary and international leader in improving knowledge, education, developments and the practice of civil engineering and other disciplines in the coastal, ocean, port, waterways, riverine, and wetlands environment for the benefit of society in the United States and other countries.

9.6.3 Construction Institute. The object of the Construction Institute (CI) is to bring together all stakeholders to advance and improve the construction industry by: 1) being the entity responsible for developing relationships and fostering communications within the engineering and construction industry; 2) improving construction practice through the development of knowledge and the transfer of technology throughout the industry; 3) improving the image of the construction industry; and 4) attracting talent to the industry.

9.6.4 Engineering Mechanics Institute. The vision of the Engineering Mechanics Institute (EMI) is to be a premier organization representing engineering mechanics by effectively serving the needs of the world-wide engineering community and promoting both research and application
of scientific and mathematical principles to address a broad spectrum of existing and emerging engineering and societal problems.

9.6.5 **Environmental and Water Resources Institute.** The objective of the Environmental and Water Resources Institute (EWRI) is to provide for the technical, educational and professional needs of its members, and to serve the public in the use, conservation and protection of natural resources and in the enhancement of human well-being by advancing the knowledge and improving the practice of engineering and the related sciences; lending expertise to the development of public policy; and partnering with government, industrial, educational, and other organizations. The EWRI shall strive to be the leader for integrating technical expertise and public policy into the planning, design, construction, operation, management, and regulation of environmentally sound and sustainable infrastructure involving air, land and water resources. The EWRI shall strive for a diverse, active and empowered membership, excellence in products and services, collaborative associations and innovative programs.

9.6.6 **Geo-Institute.** The purpose of the Geo-Institute is to advance the geo-engineering community. The scope of the Geo-Institute shall encompass geo-science, geo-engineering, and geotechnology related to improving the built environment, mitigating natural hazards, and constructing engineered facilities.

9.6.7 **Structural Engineering Institute.** The object of the Structural Engineering Institute (SEI) is to serve and promote the worldwide structural engineering profession and related industries; to embrace and support the Society, individual members and structural industry organizations; to advance the art and practice of structural engineering and provide a forum for research, education, design, testing, manufacturing, construction and operations in the structural engineering profession; and to develop and implement programs and activities to enhance technology transfer, business practices and professional activities, the advancement of the structural engineering profession, and provide a means for coordination and communication with local programs.

9.6.8 **Transportation and Development Institute.** The vision of the Transportation and Development Institute (T&DI) is to be recognized as the leader for integrated transportation and development.

9.7 **Geographic Units.** The business of the Society's geographic units is considered to be Society business.

9.7.1 **Types of Section and Branch Members.** Membership in a Section or Branch shall be available to all Society members who reside or work in the assigned area of the Section or Branch.

9.7.1.1 **Assigned Section Member.** All members whose Address of Record lies within the boundaries of an approved Section shall be assigned to that Section and termed an Assigned Section Member of that Section.

9.7.1.2 **Subscribing Section Member.** All members who subscribe to the Constitution and Bylaws of a Section and who have paid Section dues or are exempt from the payment of Section dues shall be termed a Subscribing Section Member.

9.7.1.2.1 **Rights of Subscribing Section Member.** Only Subscribing Section Members shall be eligible to vote in Section elections, hold Section office, serve on Section committees, or to represent the Section officially.

9.7.2 **Section Allotment Formula.** An amount not to exceed seven percent (7%) of the Society’s Membership Dues collected as of September 30 of the preceding fiscal year will be allocated to Sections based on their Assigned Section Members less Student Members.

9.7.3 **Section Subsidiary Organizations.** Any Section, with the approval of the appropriate Region Board of Governors, may establish Branches to facilitate the carrying out of the objectives of the Section and to provide all members of the Section a better opportunity for mutual acquaintance and greater participation in Section activities. Any Section may establish technical groups. Any Section may establish a group of Younger Members.

All such subsidiary organizations of a Section shall be subject to the control of the Section of which they are a part, Subject to Section control, and to Bylaws and Rules of Policy and Procedure of the Society, subsidiary organizations of a Section may perform any of the functions proper to the Section.
9.7.4 **Section and Branch Responsibilities.** It is the responsibility of a Section or Branch to hold meetings of its members and it has authority to set up any program of meetings deemed to be in the interest of its members. The Section or Branch is responsible for promoting the general welfare of its members.

Sections and Branches shall annually review and audit their accounts in accordance with prescribed procedures.

Sections and Branches are encouraged to actively participate in public affairs impacting the civil engineering community. It is important, however, to limit such activities to the geographical area of the Section or Branch.

As the Society is an international organization, the Sections and Branches shall not affiliate with other organizations or movements of national or international scope without prior approval of the Society’s Board of Direction.

9.7.4.1 **Section and Branch Officer Installation.** An installation procedure for Section and Branch officers is encouraged. Installation shall be performed by a current or former Society office holder.

9.7.5 **Section and Branch Position and Policy Statements.** Sections and Branches shall endeavor to develop and propose new and revised position papers on public policy issues of concern to engineers. On issues of national concern, such positions become policy of the Society only after their adoption by the Board of Direction. On issues of concern only to a Section’s or Branch’s geographic area, such positions may be taken by the Section or Branch and shall be identified as the position of the Section or Branch in all written and oral statements. Sections and Branches shall endeavor to communicate directly to appropriate officials and the public the adopted Society policy statements. Any amplification, interpretation, or application of Society policy statements should identify its source as distinguished from Society policy.

9.7.6 **Multi-Region Leadership Conferences.** The Member Communities Committee shall recommend annually to the Executive Committee the dates, locations and Regions to be included for each of the Multi-Region Leadership Conferences for the ensuing year.

9.7.6.1 **Workshops for Section and Branch Leaders.** In order to provide opportunities for the interchange of ideas among officers of the Society and delegates of various Sections, Workshops for Section and Branch Leaders (WSBLs) may be held. Each participating Branch and each Section with Branches may nominate for attendance one (1) delegate without regard to Society membership grade. Each participating Section without Branches may nominate for attendance two (2) delegates, at least one (1) of whom is encouraged to be an Associate Member not over thirty-five (35) years old.

9.7.6.2 **Workshops for Student Chapter Leaders.** As a component of the Multi-Region Leadership Conferences, annual Workshops for Student Chapter Leaders (WSCLs) may be conducted to provide the basis for the interchange of ideas, methods, and procedures that have contributed to Student Organization activities.

9.7.6.3 **Younger Member Council Meetings.** As a component of the Multi-Region Leadership Conferences, the Younger Member Councils may conduct annual meetings to provide the basis for the interchange of ideas, methods, and procedures.

9.7.7 **Student Organization Advisors.** The appointment of Faculty and Practitioner Advisors shall be by the respective Section in which the Student Organization is located. The term for Faculty and Practitioner Advisors is three (3) years, commencing on July 1 of the year of appointment.

9.7.7.1 **Faculty Advisor.** Duties of the Faculty Advisor should include, but are not limited to: acting as liaison between students and the Society; stimulating interest in the profession; providing counseling to individual members of the student organization; providing guidance on the operation of the student organization; counseling student officers in developing programs that supplement classroom studies; guiding the preparation of and reviewing the annual report; and providing continuity for the student organization. Additionally, the Faculty Advisor is expected to attend the Workshop for Student Chapter Leaders as well as the student regional conferences.
9.7.7.2 Practitioner Advisor. Duties of the Practitioner Advisor will vary with the needs of the particular Student Organization. The duties may include, but are not limited to: periodic attendance at meetings of the Student Organization; and meetings with student officers to plan joint activities with other practitioners in order to supplement academic studies. Practitioner Advisors will be invited to attend the Workshop for Student Chapter Leaders and the student regional conferences.

9.7.8 Student Organization Dues. The annual dues of each Student Organization, payable to the Society, shall be twenty-five dollars ($25.00). Payment of such dues shall entitle the Student Organization to certain benefits as prescribed by the Board of Direction. The annual dues shall apply to the year beginning January 1 and shall be due on the preceding March 1.

9.7.9 Student Organization Procedures. Each Student Organization shall establish its own rules of procedure and shall conform to the regulations of the Society. Each Student Organization shall control the occurrence and character of its meetings, but the Society may aid in promoting the success and value of Student Organizations by frequent consultations and advice as well as, upon request, by arranging for speakers whose addresses will supplement the class work or other professional interests of the members. Student Organizations are encouraged to communicate directly with the appropriate Section.

9.7.10 Student Organization Probationary Status. A Student Organization may be placed on probationary status by the Committee on Student Members when the Student Organization is not performing satisfactorily in all respects or in the best interest of the Society. While a Student Organization is on probationary status, it shall not be eligible for any awards, including the Robert Ridgway Student Chapter Award.

9.7.11 Student Organization Awards. The Committee on Student Members, not later than May 1 each year, shall recommend to the President a number of Student Organizations to receive certificates of commendation for outstanding activities. The number of Student Organizations to receive certificates of commendation shall not exceed five percent (5%) of the total number of Student Organizations. The recommendations shall be accepted without referral to the Board of Direction or Executive Committee, and the President shall be empowered to sign the letters on behalf of the Board of Direction.

9.7.12 Naming of Geographic Units. Geographic Units shall be designated only by appropriate geographic names and in the prescribed format.

9.7.12.1 Naming of Groupings of Sections. A grouping of Sections shall be designated as the_______ Council.

9.7.12.2 Naming of Sections. A Section shall be known as the_______ Section.

9.7.12.3 Naming of Branches. A Branch shall be known as the_______ Branch of the_______ Section.

9.7.12.4 Naming of Younger Member Groups/Forums. A Region, Section or Branch Younger Member Group/Forum shall be known as the_______ Younger Member Group/Forum.

9.7.12.5 Naming of Technical Groups of Sections. A Section technical group shall be known as the_______ Section_______ Group.

9.7.12.6 Naming of Student Chapters. The name of a Student Chapter shall include the name of the educational institution at which the particular Student Chapter is situated.

9.7.12.7 Naming of International Student Groups. The name of an International Student Group shall include the name of the educational institution at which the particular International Student Group is situated.

9.7.12.8 Naming of Student Organizations Groups. A group of Student Organizations shall be known as the_______ Student Conference.

9.7.13 Guidelines and Handbooks of Organizational Entities. The Society’s Organizational Entities may adopt guidelines or handbooks covering any and all aspects of their operations or services. Such documents shall be consistent with and shall not contravene Society governing documents, policies or procedures.
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10.0 Legal Matters.

10.0.1 Legal Counsel. Legal Counsel may be appointed by the Executive Committee.

10.0.2 Amicus Curiae Briefs. The Society may participate in an Amicus Curiae (friend of the court) Brief upon recommendation of the Executive Director and approval of the Executive Committee. When considering participation in an Amicus Curiae Brief, the Society shall consider the following criteria: the case must be of major importance to the general area of civil engineering or to the Society, the Society’s participation in the brief must not pose an undue financial burden on the Society, and the anticipated benefits of filing the brief must be weighed against the costs. Consideration should be given to the likely attorneys’ fees, printing costs, and other expenses associated with filing the brief, as well as financial participation of other societies. The Society should consult with other professional societies most directly affected by the case.

10.1 Address Records. The Address Records held by the Society are intended for use solely for Society business. The Executive Director is authorized to utilize Address Records when, in the Executive Director’s judgment, the interests of the Society will be served, or when the Executive Committee authorizes a special use.

10.1.1 Provision of Address Records to Organizational Entities. Organizational Entities shall have the right to periodically receive membership lists from current address records pertaining to the Organizational Entity. The use of such lists shall be for Society business and shall not include selling, giving, or bartering the list.

10.2 Society Awards. A Society Award is an award that a) serves to advance the science and profession of engineering in support of the Society’s Purpose and Objective AND b) for which recipients shall be approved by either the Board of Direction or Executive Committee AND c) for which the Society has all supporting funds and rights of administration.

10.2.1 Criteria for Society Awards. The criteria for a Society Award shall include the following: a) the purpose of the Society Award AND b) membership or non-membership in the Society as a restriction AND c) the criteria for selection of the recipient AND d) the composition and selection process of the nominating committee AND e) any time limitations on the accomplishment of the achievement being recognized AND f) a provision to allow for non-award in any cycle AND g) the maximum number of recipients allowed per cycle AND h) definition of the award’s cycle AND i) definition of the nomination materials required AND j) if applicable, enable the provision of an honorarium AND k) definition of the plaque or other symbol of the Society Award if such an item is to be provided to the recipient AND l) if applicable, enable the provision that the Society Award may be given to the same individual more than one (1) time AND m) if applicable, enable if more than one (1) individual may be selected for a joint effort.

10.2.2 Nomination for Society Awards. To be considered for nomination, all nomination packets submitted for Society Awards shall a) include all nomination materials required in the individual Society Award rules AND b) include a completed Society nomination form AND c) be received on or before the date specified in the Society Award criteria.

10.2.3 Funding of Society Awards. A Society Award may be established by funds received from individuals, business, industrial organizations, or by a Society grant. Such funds shall carry an obligation on the part of the donor to support the Purposes and Objective of the Society without advocating or seeming to advocate commercial interests.

10.2.3.1 Direct Costs of Society Awards. Direct costs are borne by the individual award funds. Direct costs of an award are the initial and ongoing costs of the plaque or other symbol of the Society Award, honorarium, shipping the award to the award site or to the recipient if an in-person presentation is not possible, printing of the recipients booklet, printing of the nomination booklet, production of the award ceremonies, and the expense paid to the investment advisor who manages the portfolio of endowed awards.

10.2.3.2 Administrative Charges of Society Awards Program. The administrative charges of the awards program are the costs of soliciting nominations, reviewing nominations for eligibility, coordinating selection of the recipients, collecting recipient photos and biographical data, writing of press releases, and organizing luncheons and receptions for the recipients. Administrative charges are paid from the Society’s annual operating budget.
10.2.3.3 Endowment of Society Awards. There are minimum endowments required for Society Awards, whether named or unnamed. An additional sum is required at start-up to cover direct costs associated with the award. The Society Awards Committee shall annually evaluate the minimum requirements relative to the previous year’s Consumer Price Index and may make adjustments to ensure the long-term viability of the Society Awards.

10.2.3.4 Minimum Funding to Confer Award. Awards may only be conferred if 1) the principle balance meets the required endowment and 2) the Award has sufficient additional funds to pay all direct costs. A waiver may be provided by the Society Awards Committee if special circumstances apply, but no honoraria shall be provided. No honoraria shall be given if doing so would reduce the funds available for direct costs to below one thousand dollars ($1,000).

10.2.4 New Society Awards. To establish a new Society Award, a proposal outlining the proposed purpose, identity of possible donors and a detailed estimation of the finances shall be presented to the Secretary.

10.2.4.1 Number of Society Awards. At the time a proposal is received to establish a new Society Award, a determination shall be made of the total number of Society Awards and new Society Award proposals in process. The proposal shall be denied if its acceptance would result in the total number of Society Awards exceeding one (1) award per one thousand, five hundred (1,500) Society members.

10.2.4.2 Naming of Society Awards. To name a Society Award after an individual, such individual shall be judged by the Society Awards Committee to have or have had eminent professional status, shall be a Life Member of the Society, or shall be deceased.

10.2.4.3 Process for Proposal of New Society Award. The Society Awards Committee shall receive proposals for new Society Awards from the Secretary and initiate contact with the Award organizing group. The Award organizing group shall assemble the necessary funds and then present proof of the funds, a final proposal and a complete set of administrative rules to the Secretary for transmission to the Society Awards Committee within two (2) years of initial submission. A request for a one (1) year extension may be made to the Society Awards Committee, which has the right to deny such request.

10.2.4.4 Acceptance of Proposal of New Society Award. The Society Awards Committee forwards the proposal for the new Society Award to the Executive Committee with its recommendation for action. No Society Award is established until the funds are received by the Society from the Award organizing group. If funds are not received by the Society within one (1) year of conditional approval of the new Society Award by the Executive Committee, the approval shall be revoked.

10.2.5 Rules of Society Awards. Beginning ten (10) years after the establishment of a Society Award, changes and modifications may be made to its official rules by the Executive Committee with the advice of the Society Awards Committee, whether or not the original donors are available for consultation.

10.2.6 Presentation of Society Awards. Society Awards should be presented in person by the President or the President’s designee whenever possible. The time and place of such presentation shall be determined by the Secretary who may delegate this authority on an award-by-award basis. Potential presentation venues include the Annual Conference, a regional or specialty conference, or a meeting of an Organizational Entity. Society Awards whose recipients are solely non-members of the Society shall not be presented at the Annual Conference unless they fall into a Special Category designated for recognition by the Society. Society Awards whose recipients include both Society members and non-members are eligible for presentation at the Annual Conference.

10.2.7 Item(s) Associated with Society Awards. The item(s) associated with a Society Award could include a certificate, trophy, plaque, or medal, and may include an honorarium. Recipients of awards shall receive the award item(s) as provided in the individual award rules. Society Awards presented to a group shall allow for the lead recipient to be presented the award item(s). Award recipients who are not the lead recipient shall receive a certificate.

10.2.8 Review of Society Awards Program. The Executive Committee shall, at least once every three (3) years, review the operating rules of Society Awards and determine if any Society Awards should be eliminated, combined with another award, or awarded on a different cycle.
10.2.9 Awards of Organizational Entities. Organizational Entities may support and administer awards within their area and without Board of Direction, Executive Committee or Society Awards Committee action in making the award. The names of Society Awards shall not be used to also name awards presented by any Organizational Entity. The rules of the awards of the Organizational Entities shall, however, conform to Society policy.

10.3 Approved Society Awards. The following are the approved Society Awards:

10.3.1 Arid Lands Hydraulic Engineering Award. This award was instituted in 1986.

Purpose: The purpose of this award is to contribute to the understanding and development of new technology in river basins.

Criteria: The award is given without regard to Society membership. It is given on the basis of a paper or other noteworthy original contribution in hydraulics, hydrology (including climatology), planning, irrigation and drainage, hydroelectric power development, or navigation especially applicable to arid or semi-arid climates. Theoretical research should include discussion and recommendations as to how the research can be applied to planning, design, construction, or operation and maintenance of water resource projects or programs.

Selection: The recipient of the Arid Lands Hydraulic Engineering Award is nominated by the Environmental and Water Resources Institute Board of Governors for approval of the Executive Committee.

10.3.2 ASCE Excellence in Journalism Award. This award was established in 1994.

Purpose: The award is to encourage reporters to cover engineering fairly, accurately and positively.

Criteria: This award is given to a reporter or reporters whose news coverage enhances public understanding of civil engineering. It is judged on how well they fairly cover all sides of the civil engineering project or issue; accurately describe the civil engineering project or issue; effectively explain how the project or outcome of the issue benefits the community or region; clearly show the civil engineer’s role; include the most knowledgeable civil engineering experts; and advance public knowledge and understanding of civil engineers’ issues and profession.

Selection: The award selection committee shall recommend to the Executive Committee the recipient(s) of the award.

10.3.3 ASCE Presidents’ Award. This award was established in 1976.

Purpose: The purpose of the award is to commemorate the nation’s first President, who was a civil engineer and land surveyor.

Criteria: The award is made to a Society member who has given distinguished service to the member’s country. The recipient may be of any nationality.

Selection: The recipient is recommended by the Presidents-Emeriti Council and approved by the Executive Committee.

10.3.4 ASCE President’s Medal. This award was established in 1986.

Purpose: The award’s purpose is to recognize the accomplishments and contributions of eminent engineers to the profession, the Society or the public.

Criteria: The award may be presented to no more than two (2) individuals per year.

Selection: The award shall be conferred at the initiative of the President with the concurrence of the Executive Committee, who may consider recommendations from any source.

10.3.5 ASCE State-of-the-Art of Civil Engineering Award. This award was established in 1966.

Purpose: The award is for the purpose of scholarly review, evaluation, and documentation of the scientific and technical information needed by the profession.

Criteria: Papers on the state-of-the-art of civil engineering (new information which impacts the practice), published in any ASCE publication in the twelve (12) month period ending with June of the year preceding the year of award are eligible.

Selection: The nominated papers shall be reviewed by the Society Awards Committee, which shall recommend to the Executive Committee the recipient(s) of the award.
10.3.6 Harland Bartholomew Award. This award was established in 1968.

**Purpose:** The purpose of this award is to recognize a person who has made special contributions to the enhancement of the role of the civil engineer in urban planning and development.

**Criteria:** This award is restricted to Fellows, Members, and Associate Members of the Society. The award is made to the person judged worthy of special commendation for contributions to the enhancement of the role of the civil engineer in urban planning and development. The contribution may be in the form of a paper published by the Society or in the form of personal efforts and achievements toward that goal.

**Selection:** The recipient of the award is recommended by the Transportation and Development Institute, subject to ratification by the Executive Committee.

10.3.7 Stephen D. Bechtel, Jr. Energy Award. This award was established in April 1992.

**Purpose:** The purpose of this award is to recognize outstanding achievements in the energy field by a civil engineer.

**Criteria:** The award is made to a member of the Society who has made a definite contribution to the advancement of the energy field in research, planning, design or construction. The contribution may have been made in the form of papers or other written presentations, or through outstanding performance or specific noteworthy actions that have served to advance the art, science and technology of the energy field.

**Selection:** The Executive Committee of the Energy Division recommends the recipient to the Executive Committee for approval.

10.3.8 Stephen D. Bechtel Pipeline Engineering Award. This award was established in 1970.

**Purpose:** The purpose of this award is to recognize outstanding achievements in pipeline engineering.

**Criteria:** The award is made to a member of the Society who has made a definite contribution to the advancement of pipeline engineering, either in research, planning, design, or construction. This contribution may be made either in the form of papers or other forms of written presentations, or through outstanding performance or specific and noteworthy actions, which have served to advance the art, science, and technology of pipeline engineering.

**Selection:** TheExecutive Committee of the Pipeline Division shall recommend the recipient to the Executive Committee for approval.

10.3.9 John O. Bickel Award. This award was established in 1986.

**Purpose:** The purpose of the award is to recognize the best original article or paper published concerning the design and/or construction of a rail or vehicular tunnel.

**Criteria:** All authors, members and non-members alike, of papers are eligible. The award is for the best original article or paper published concerning the design and/or construction of a rail or vehicular tunnel. Articles or papers must be published in the twelve (12) months ending with June of the year preceding the year of award.

**Selection:** The recipient(s) of the John O. Bickel Award is recommended by the Construction Institute and approved by the Executive Committee.

10.3.10 Maurice A. Biot Medal. This Medal was instituted in 2002.

**Purpose:** This medal was established to recognize the lifetime achievement of Dr. Maurice A. Biot.

**Criteria:** This medal is awarded to an individual who has made outstanding research contributions to the mechanics of porous materials and will ordinarily be granted for cumulative distinguished contributions. The medal is given without regard for Society membership or nationality. No individual shall receive the medal more than once.

**Selection:** The Engineering Mechanics Institute shall recommend a recipient for Executive Committee approval. At the discretion of the EMI Board, one (1) or more outside experts in the above-stated field may be consulted.

10.3.11 H. Bolton Seed Medal. This award was established in 1993.
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Purpose: The purpose of this award is to recognize outstanding contributions to teaching, research, and/or practice in geotechnical engineering.

Criteria: Eligible candidates for the medal shall be members of the Society, or of a member society of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE). The recipient will be chosen without regard for nationality.

Selection: The recommended medal recipient, for Executive Committee approval, will be made by the Geo-Institute Board of Governors.

10.3.12 CAN-AM Civil Engineering Amity Award. This award was established in 1972.

Purpose: The purpose of this award is to give recognition to those civil engineers who have made outstanding and unusual contributions toward the advancement of professional relationships between the civil engineers of the United States of America and Canada.

Criteria: This award is made to a member of the Society or the Canadian Society of Civil Engineers for either a specific instance that has had continuing benefit in understanding and good will, or a career of exemplary professional activity that has contributed to the amity of the United States of America and Canada.

Selection: The Technical Council on Cold Regions shall recommend potential recipients for Executive Committee approval.

10.3.13 Arthur Casagrande Professional Development Award.

Purpose: The purpose of this award is to provide professional development opportunities for outstanding Younger Member practitioners, researchers, and teachers of geotechnical engineering.

Criteria: This award is given in recognition of outstanding accomplishments as evidenced by completed works, reports, or papers in the field of geotechnical engineering. It is intended to further the professional development of an outstanding practitioner, researcher, or teacher of geotechnical engineering. Candidates cannot have reached their thirty-fifth (35th) birthday by December 31 of the calendar year nominated.

Selection: The Geo-Institute Board of Governors will recommend recipients for approval by the Executive Committee.

10.3.14 Jack E. Cermak Medal. This Medal was instituted in 2000.

Purpose: The medal was established to recognize the lifetime achievements in wind engineering and industrial aerodynamics of Dr. Jack E. Cermak.

Criteria: The medal is awarded for cumulative distinguished contributions to research and/or practice in wind engineering. In exceptional cases, it may be awarded for a single contribution of outstanding merit. The award is made to a single individual, unless a nomination is based on work which was a joint effort of a substantial duration. In such cases, multiple medals will be tendered only if the balance then available in the award fund is adequate for this purpose. The medal is conferred without regard for society membership or nationality. No individual shall receive the medal more than once. During the year following receipt of the Medal, the recipient will be invited to deliver the Jack E. Cermak Lecture on a topic within the designated subject area of the award, to be presented at a Society-level meeting, conference, congress, or convention.

Selection: The Cermak Medal Selection Committee shall recommend a recipient to the Executive Committee.

10.3.15 Ven Te Chow Award. This award was established in 1995.

Purpose: The purpose of this award is to recognize lifetime achievement in the field of hydrologic engineering.

Criteria: The award is presented to individuals whose careers in the field of hydrologic engineering have been distinguished by exceptional achievement and significant contribution in research, education, or practice. The award is given without regard for Society membership or nationality.

Selection: The Environmental and Water Resources Institute Board of Governors will recommend a recipient for approval by the Executive Committee.
10.3.16 Civil Engineering History and Heritage Award. This award was established in 1966.

**Purpose:** The purpose of this award is to recognize those persons who through their writing, research or other efforts have made outstanding contributions toward a better knowledge of, or appreciation of, the history and heritage of civil engineering.

**Criteria:** The award is made to recognize the recipients’ contribution toward a better knowledge of or appreciation of the history and heritage of civil engineering. It is not restricted to members of the Society.

**Selection:** The History and Heritage Committee shall recommend the recipient(s) for approval by the Executive Committee.

10.3.17 Civil Government Award. This award was established in 1963.

**Purpose:** The purpose of this award is to recognize those members of the engineering profession who have rendered meritorious service in elective or appointive positions in government.

**Criteria:** This award is made to those members (except members of the Committee on Advancing the Profession and its constituent committees, and Distinguished Members prior to the review of nominations) of the Society who have contributed substantially to the status of the engineering profession by meritorious public service in elective or appointive positions in civil government. In the selection of the recipients, primary consideration shall be given to public service that does not require the qualifications of an engineer. The award is intended to recognize service by engineers in such capacities as: mayor, city manager, city councilman, municipal department head, county or special authority official, state governor, member of legislature, state department head, member of Congress, cabinet member, federal department administrator, or U.S. President. The nominees must be licensed professional engineers. This award is given without regard for nationality of the recipient.

**Selection:** The recipient is recommended by the Committee on Advancing the Profession for approval by the Executive Committee.

10.3.18 Collingwood Prize. This prize was established in 1894.

**Purpose:** The prize is awarded to the author or authors of a paper describing an engineering work with which the author(s) have been directly connected; or recording investigations contributing to engineering knowledge to which the author(s) have contributed some essential part; or as an appendix to a report of an ASCE committee; and containing a rational digest of results.

**Criteria:** This prize is restricted to Affiliate Members, Associate Members, and Members of the Society who were thirty-five (35) years of age or less at the time the paper was submitted in its final form. Any mathematical treatment must show immediate adaptability to professional practice. Accuracy of language and excellence of style are factors in the award. Papers published by the Society during the twelve (12) month period ending with June of the year preceding the year of award are eligible.

**Selection:** The Committee on Younger Members recommends recipient(s) for approval by the Executive Committee.

10.3.19 Columbia Medal. This award was established in 1982.

**Purpose:** The award recognizes sustained outstanding contributions to the advancement of aerospace engineering, science and technology.

**Criteria:** The selection will be based on the nominee’s contributions to the advancement of aerospace engineering, science and technology in at least one (1) of the following areas: teaching, research, design, development, planning, construction, management, or direct participation in space-borne missions and/or ground-support activities. The recipient shall be an ASCE member in any grade except Student Member.

**Selection:** The recipient is recommended to the Executive Committee by the Aerospace Division Executive Committee.

10.3.20 Computing in Civil Engineering Award. This award was established in 1995.

**Purpose:** The purpose of this award is to recognize outstanding achievement and contribution in the use of computers in the practice of civil engineering.
Criteria: This award is made to a member of the Society who has made an outstanding contribution to the application of computers to the practice of civil engineering. Computer-related contributions in any technical discipline or professional context are eligible for this award without restriction.

Selection: The recipient is recommended by the Executive Committee of the Technical Council on Computer Practices for approval by the Executive Committee.

10.3.21 Construction Management Award. This award was established in 1973.

Purpose: This award is given annually to a member of the Construction Institute who has made outstanding contributions to the field of construction management as a practitioner, educator, or in research, either in the form of a written presentation, scholarly work or notable performance.

Criteria: The recipient shall have been a member of the Construction Institute for a minimum of five (5) years and shall have made significant contributions to the body of knowledge or the practice of construction management, or performed outstanding service while managing a significant construction project.

Selection: The recipient of the award shall be recommended by the Construction Institute Board of Governors for approval by the Executive Committee.

10.3.22 J. James R. Croes Medal. This award was established in 1912.

Purpose: The award is presented to the author, or authors, of such paper as may be judged worthy of the award and be next in order of merit to the paper to which the Norman Medal is awarded; or, if the Norman Medal is not awarded, then to the author, or authors, of a paper, if any, which is judged worthy of the award of this prize for its merit as a contribution to engineering science.

Criteria: This award is open to papers written jointly by members and non-members, provided at least half of the authors are ASCE members. Papers published in the twelve (12) month period ending with June of the preceding the year of award are eligible.

Selection: The nominated papers shall be reviewed by the Society Awards Committee, which recommends the recipient(s) to the Executive Committee.

10.3.23 Charles Martin Duke Lifeline Earthquake Engineering Award. This award was established in 1990.

Purpose: The purpose of this award is to honor Charles Martin Duke for his pioneering contributions in lifeline earthquake engineering.

Criteria: This award is made to an individual who has made a definite contribution to the advancement of lifeline earthquake engineering. Contributions may be made either in the form of papers or other written presentations, or through outstanding performances or specific and noteworthy actions, which have served to advance the art, science and technology of lifeline earthquake engineering.

Selection: The award committee shall recommend a recipient for approval by the Executive Committee.

10.3.24 Hans Albert Einstein Award. This award was established in 1988.

Purpose: This award was established to honor Hans Albert Einstein for his outstanding contributions to the engineering profession and his advancements in the areas of erosion control, sedimentation and alluvial waterways.

Criteria: The award is made to a member of the Society who has made a significant contribution to the engineering profession in the areas of erosion control, sedimentation and/or waterway development either in teaching, research, planning, design, or management. Contributions can be made either in the form of papers or through notable performances which have served to advance engineering in these areas.

Selection: The award recipient is recommended by an awards committee, subject to approval of the Executive Committee.

10.3.25 Simon W. Freese Environmental Engineering Award and Lecture. This award and lecture was established in 1975.

Purpose: This award was endowed by the firm of Freese & Nichols to honor Simon Wilke Freese.
Criteria: The Executive Director upon the recommendation of the Environmental and Water Resources Institute will invite a distinguished person to prepare for publication and deliver the Simon W. Freese Environmental Engineering Lecture at an appropriate meeting of the Society. The lecturer will be selected without restrictions as to Society membership or nationality.

Selection: This award and lecturer is subject to the approval of the Executive Committee.

10.3.26 Alfred M. Freudenthal Medal. This medal was established in 1975.

Purpose: This medal is established to recognize an individual who has demonstrated distinguished achievement in safety and reliability studies applicable to any branch of civil engineering.

Criteria: The award is presented to an individual in recognition of distinguished achievement in safety and reliability studies applicable to any branch of civil engineering. Age, nationality, and Society membership shall not be considerations in making the award.

Selection: This award is normally made every two (2) years. The Engineering Mechanics Institute shall recommend a recipient for approval by the Executive Committee.

10.3.27 Edmund Friedman Professional Recognition Award. This award was established in 1960.

Purpose: This award was established to recognize the importance of professional attainment in the advancement of “the science and profession of engineering,” as defined by the Constitution of the Society.

Criteria: This recognition is awarded to a Society member (except for members of the Committee on Advancing the Profession and its constituent committees, and Distinguished Members prior to the review of nominations) who is judged to have contributed substantially to the status of the engineering profession by: exemplary professional conduct in a specific outstanding instance; an established reputation for professional service; objective and lasting achievement in improving the conditions under which professional engineers serve in public and private practice; significant contribution toward improvement of employment conditions among civil engineers; significant contribution toward improving the professional aspects of civil engineering education; professional guidance of qualified young persons who would seek civil engineering as a career; and professional development of young civil engineers in the formative stages of their careers; or, other evidence of merit which in the judgment of the award committee shall have advanced the Society’s professional objectives.

Selection: The Committee on Advancing the Profession shall recommend a nominee for Executive Committee approval.

10.3.28 Edmund Friedman Young Engineer Award for Professional Achievement. This award was established in 1972.

Purpose: The purpose of this award is to recognize the professional contributions of younger members of the Society.

Criteria: This recognition is awarded to Affiliate Members, Associate Members, or Members who are Engineering Intern (E.I.), Engineer-In-Training (E.I.T.) or Professional Engineer (P.E.) and thirty-five (35) years of age or less on February 1 in the year of the award who are judged to have attained significant professional achievement, by the degree to which the candidates have shown: service to the advancement of the profession; evidence of technical competence, high character and integrity; leadership in the development of younger member attitudes towards the profession; contributions to public service outside of their professional career; and other evidence of merit, which in the judgment of the award committee, shall have advanced the Society’s objectives.

Selection: The Committee on Younger Members submits its recommendations to the Executive Committee for approval. No more than five (5) recipients will be named in any year.

10.3.29 Samuel Arnold Greeley Award. This award was established in 1968.

Purpose: The award is made to the author(s) of the paper that makes the most valuable contribution to the environmental engineering profession.

Criteria: All original papers dealing with the design, construction, operation or financing of water supply, pollution control, storm drainage or solid waste collection and disposal facilities published by the Society in the twelve (12) month period ending with June of the year preceding the year of award are eligible. An individual author must be a Society member engaged as a principal or
employee in the private practice of environmental engineering. In the case of two (2) authors, one (1) must be a Society member engaged as principal or employee in the private practice of environmental engineering. If there are more than two (2) authors, a majority of the authors must be Society members engaged as principals or employees in the private practice of environmental engineering.

Selection: A recipient is recommended by the Environmental and Water Resources Institute for approval by the Executive Committee.

10.3.30 Daniel W. Halpin Award for Scholarship in Construction. This award was established in 2011.

Purpose: This award is presented to an individual who has demonstrated outstanding scholarship that advances construction engineering as a science.

Criteria: The award may be made annually to a member of ASCE or the Construction Institute who has attained a doctoral degree within the last ten (10) years. The award is given on the basis of the candidate’s independent scholarly activity, for which they have been primarily responsible.

Selection: The Board of Directors of the Construction Institute shall recommend to the Executive Committee the award recipient.

10.3.31 Ernest E. Howard Award. This award was instituted in 1954.

Purpose: This award was instituted and endowed by Mrs. Howard in honor of her husband, Ernest E. Howard, Past President.

Criteria: The award is made to a Society member who has made a definite contribution to the advancement of structural engineering, either in research, planning, design or construction, including methods and materials, these contributions being made either in the form of a paper or other written presentation, or through notable performance or specific actions, which have served to advance structural engineering.

Selection: The recipient shall be recommended by the Committee on the Ernest E. Howard Award, subject to approval of the Executive Committee.

10.3.32 Shortridge Hardesty Award. The award was instituted in 1987.

Purpose: This award is made annually to an individual (or individuals, if recommended) who contribute substantially in applying fundamental results of research to solution of practical engineering problems in the field of structural stability.

Criteria: The award shall be based on either a paper published or upon any other effective contribution in the form of personal efforts and achievements. The recipient must be an individual or individuals holding any grade of Society membership.

Selection: The Structural Engineering Institute will recommend an individual(s) for Executive Committee approval.

10.3.33 Rudolph Hering Medal. This medal was instituted in 1924.

Purpose: The medal was instituted and endowed in honor of Rudolph Hering, past Vice President of the Society.

Criteria: The medal is awarded to the author, or authors, of the paper which contains the most valuable contribution to the increase of knowledge in, and to the advancement of, the environmental branch of the engineering profession. All original papers authored or co-authored by Society members dealing with water works, sewerage works, drainage, refuse collection and disposal, or any branch of environmental engineering which are presented to the Society, in finished form, whether presented to the Environmental and Water Resources Institute or otherwise, are open to the award, provided that such papers have not been previously contributed or published elsewhere. Papers published by the Society in the twelve (12) month period ending with June of the year preceding the year of award are eligible.

Selection: The Award Committee shall recommend the author(s) for Executive Committee approval.

10.3.34 Karl Emil Hilgard Hydraulic Prize. This award was established in 1939.
**Purpose:** The award is given to the author, or authors, of that paper which is judged to be of superior merit, dealing with a problem of flowing water, either in theory or practice.

**Criteria:** Preferably, the award is given to a paper that is not otherwise recognized by receiving another Society prize. The value of the paper is judged both on the basis of the subject matter and the method of presentation.

**Selection:** The Environmental and Water Resources Institute shall make a recommendation, if any, to the Executive Committee for approval.

10.3.35 Julian Hinds Award. This award was established in 1974.

**Purpose:** The award was endowed in recognition of the outstanding professional contributions of Julian Hinds.

**Criteria:** Only an individual holding any grade of Society membership is eligible for the award. In the case of papers written by more than one (1) person, at least one (1) author must be a Society member. The award is to be made to the author(s) of that paper which is judged to be the most meritorious contribution to the field of water resources development such as multi-purpose water projects for irrigation, flood control, municipal and industrial water, hydroelectric power or any combination thereof. The award can also be made to an individual for notable performance, long years of distinguished service, or specific actions that have served to advance engineering in the field of planning, development, and management of water resources.

**Selection:** The Environmental and Water Resources Institute shall recommend a recipient or recipients to the Executive Committee for approval.

10.3.36 Phillip R. Hoffman Award. This award was established in 1987.

**Purpose:** The purpose of this memorial award is to encourage others to concern themselves with the field of design and development of hydroelectric generation-pumped storage.

**Criteria:** This award may be made annually to an engineer who has made a definite contribution to the field of hydroelectric generation-pumped storage. The contribution can be in the form of a published paper or performance in the field.

**Selection:** The Executive Committee of the Energy Division shall recommend the recipient to the Executive Committee for approval.

10.3.37 Wesley W. Horner Award. This award was established in 1968.

**Purpose:** The award is made to the author(s) of the paper that makes the most valuable contribution to the environmental engineering profession, with preference given to those authors who are in the private practice of engineering.

**Criteria:** All papers dealing with hydrology, urban drainage, or sewerage that are published by the Society in the twelve (12) month period ending with June of the preceding year of the award are eligible.

**Selection:** The Environmental and Water Resources Institute shall nominate a recipient for Executive Committee approval.

10.3.38 George W. Housner Structural Control and Monitoring Medal. This award was established in 2011.

**Purpose:** This award may be presented annually to an individual for research contributions to the field of structural control and health monitoring.

**Criteria:** The award shall be made without regard to Society membership. The recipient shall demonstrate outstanding contributions to structural control and health monitoring either through significant research, educational activities, or to the practice of science and engineering through invention, design or implementation of innovations in the field of structural control and health monitoring.

**Selection:** The Engineering Mechanics Institute Board of Governors recommends a winner to the Executive Committee for final action.

10.3.39 Walter L. Huber Civil Engineering Research Prizes. This award was established in 1946.

**Purpose:** This award was created to stimulate research in civil engineering.
Criteria: Research Prizes are awarded to members of the Society in any grade for notable achievements in research related to civil engineering. Preference shall be given to members under forty (40) years of age who can be expected to continue fruitful careers in research.

Selection: The Huber Selection Committee shall recommend up to five (5) recipients for approval by the Executive Committee.

10.3.40 Hydraulic Structures Medal. This award was established in 1983.

Purpose: The medal is intended to award an individual or individuals for significant contributions to the advancement of the art and science of hydraulic engineering as applied to hydraulic structures.

Criteria: The award will be given without restrictions as to Society membership or nationality. It is made to an individual or individuals for significant contributions to the advancement of the art and science of hydraulic engineering as applied to hydraulic structures. The contribution may be in the form of a paper published in the Society’s technical journals, innovative application of hydraulic principles, individual achievements, or distinguished or meritorious service.

Selection: The Environmental and Water Resources Institute shall make their recommendation of the winner to the Executive Committee by February 15th of each year.

10.3.41 Innovation in Sustainable Engineering Award. This award was established in 1981 as the Innovation in Civil Engineering Award and renamed the Innovation in Sustainable Engineering Award in 2011.

Purpose: This award recognizes a project that demonstrates replicable innovative concepts in sustainability.

Criteria: Projects shall be evaluated based on (a) the extent to which innovative design or construction methods improve economic, social and environmental sustainability; (b) the promise shown by the innovation to extend future developments in sustainability; and (c) the degree to which the project extends public understanding of sustainability in construction. The award shall be limited to projects developed or implemented in the six (6) year period preceding the year of award and shall not be either a current nominee or previous finalist for the Outstanding Civil Engineering Achievement Award.

Selection: The recipient shall be recommended by the Committee on Sustainability to the Executive Committee for approval.

10.3.42 International Coastal Engineering Award. This award was established in 1977.

Purpose: The purpose of this award is to provide international recognition for outstanding leadership and development in the field of coastal engineering.

Criteria: This award is made annually to an individual who has made a significant contribution to the advancement of coastal engineering in the manner of engineering design, teaching, professional leadership, construction, research, planning, or a combination thereof. The recipient is chosen from the international community of coastal engineers, without restriction as to nationality or Society membership.

Selection: The Coasts, Oceans, Ports and Rivers Institute’s Board of Governors shall recommend the recipient of the award for approval by the Executive Committee.

10.3.43 Martin S. Kapp Foundation Engineering Award. This award was established in 1973.

Purpose: This award is to honor an individual on the basis of the best example of innovative or outstanding design or construction of foundations, earthworks, retaining structures, or underground construction.

Criteria: Emphasis shall be placed on constructed works where serious difficulties were overcome or where substantial economies were achieved. The example shall have been described in published form available to the entire engineering community. The award is not restricted to members of the Society.

Selection: The recipient is recommended by the Geo-Institute for approval by the Executive Committee.

10.3.44 James Laurie Prize. This award was established in 1912.
Purpose: The purpose of this prize is to award an individual who has made contributions to the advancement of transportation engineering.

Criteria: This award is made to a member of the Society who has made a definite contribution to the advancement of transportation engineering, either in research, planning, design, or construction, these contributions being made either in the form of papers or other written presentations, or through notable performance or specific actions which have served to advance transportation engineering.

Selection: The Transportation and Development Institute shall recommend the recipient, if any, to the Executive Committee for final action.

10.3.45 Walter LeFevre Award. The award was established in 2007.

Purpose: The purpose of the award is to promote licensure, ethics and professionalism.

Criteria: Evaluation of nominees is made on basis of the percent of graduates in a particular Academic Year who took the FE while enrolled in the program, the percent of graduates who passed the exam while enrolled in the program, the percent of eligible faculty who are licensed in a U.S. jurisdiction, and a subjective evaluation of a narrative detailing the extent of the curricula devoted to licensure, ethics and professionalism and activities undertaken by the Department to promote these topics to include improvement from previous Academic Years.

Selection: The Committee on Education shall recommend to the Executive Committee the recipient of the award.

10.3.46 T. Y. Lin Award. The award was established in 1968.

Purpose: The purpose of this award is to encourage the preparation of meaningful papers in the field of pre-stressed concrete.

Criteria: All papers written or co-authored by members of the Society that deal with pre-stressed concrete and which are published in the twelve (12) month period ending with June of the year preceding the year of the award are eligible. Preference will be given to papers written by Younger Members.

Selection: The Structural Engineering Institute shall recommend the recipient for approval by the Executive Committee.

10.3.47 Le Val Lund Award for Practicing Lifeline Risk Reduction. This award was established in 2012.

Purpose: This award may be presented for research contributions to the practice of reducing risks to lifeline systems and preparing communities for natural and technological hazards.

Criteria: This award may be presented annually to an ASCE member of any grade, except Student Member. The recipient shall have demonstrated exemplary leadership and an understanding of the inter-relationship between engineering and social, economic, and political factors in lifeline risk reduction.

Selection: The award selection committee shall recommend a nominee for approval by the Executive Committee.

10.3.48 Orville T. Magoon Sustainable Coasts Awards. This award was established in 2013.

Purpose: This award may be presented for outstanding contributions to sustainable engineering practices in managing shorelines and coastal infrastructure through research, design, construction or management of the natural and built environment in the coastal zone.

Criteria: This award may be presented annually without regard to Society membership. The recipient shall have demonstrated recognition of the balance of coastal values with project needs.

Selection: The recipient is recommended for approval to the Executive Committee by the Awards Committee of the Coasts, Oceans, Ports and Rivers Institute.

10.3.49 Frank M. Masters Transportation Engineering Award. This award was established in 1975.

Purpose: This award is made on the basis of the best example of innovative or noteworthy planning, design, or construction of transportation facilities.
Criteria: The example shall have been described in published form available to the entire engineering community. Not more than one (1) award is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one (1) person, such as joint authorship of a paper. In such cases, duplicate or multiple prizes will be awarded. No one shall receive the honor, or any portion thereof, more than once.

Selection: The recipient is recommended for Executive Committee approval by the Transportation and Development Institute.

10.3.50 Daniel W. Mead Prizes. This award was established in 1939.

Purpose: This prize is awarded on the basis of papers on professional ethics.

Criteria: Younger Members and members of the Society’s Student Organizations who are in good standing at the time their papers are submitted are eligible for the respective contests. To be eligible, Younger Members shall have reached thirty-five (35) years of age or less on February 1 in the year of the award.

Selection: Younger Member papers shall be judged by the Committee on Younger Members. The Committee on Student Members shall review the Student Member papers. The nominations shall be presented to the Executive Committee for final action.

10.3.51 Henry L. Michel Award for Industry Advancement of Research. This award was instituted in 1996 and made a Society Award in 2008.

Purpose: This award is to honor a visionary leader whose work has impacted research and innovation in the design, construction, and/or environmental community.

Criteria: The individual must be a visionary leader whose work has had an impact on research and innovation in the design, construction, and/or environmental community. Not only can prior contributions be considered, but also the nominee’s potential for advancing the industry in the future. The candidate’s future potential can be given as much weight as their past accomplishments.

Selection: The recipient shall be recommended by the Henry L. Michel Award Selection Committee for approval by the Executive Committee.

10.3.52 Thomas A. Middlebrooks Award. This award was established in 1955.

Purpose: This award honors the author of a special paper published on geotechnical engineering.

Criteria: This award is not restricted to members of the Society. The award is made to the author of a paper published by the Society during the twelve (12) month period ending with June of the year preceding the year of award, which shall be judged worthy of special commendation for its merit as a contribution to geotechnical engineering. The papers which receive the Norman Medal and the Croes Medal shall not be eligible for consideration for this award.

Selection: The recipient shall be recommended by the Geo-Institute for approval by the Executive Committee.

10.3.53 Raymond F. Mindlin Medal. This award was established in 2007.

Purpose: The purpose of the award is to recognize research contributions to applied solid mechanics.

Criteria: Evaluation of nominees is made on basis of the extent of lasting contributions made to the study of solid mechanics.

Selection: The Awards Committee of the Engineering Mechanics Institute shall recommend to the Executive Committee the recipient of the award.

10.3.54 John G. Moffatt–Frank E. Nichol Harbor and Coastal Engineering Award. This award was established in 1977.

Purpose: This award is designed to recognize new ideas and concepts that can be efficiently implemented to expand the engineering or construction techniques available for harbor and coastal projects.

Criteria: The award is made to a member of the Society who has made a definite contribution in the fields of harbor and coastal engineering. This contribution may have been made either in the form of written presentations or notable performance.
Selection: The recipient shall be recommended by the Coasts, Oceans, Ports and Rivers Institute for approval by the Executive Committee.

10.3.55 Moisseiff Award. This award was established in 1947.

Purpose: This award honors the author of an important paper published by the Society dealing with the broad field of structural design, including applied mechanics as well as the theoretical analysis, or constructive improvement, of engineering structures such as bridges and frames, of any structural material.

Criteria: All authors, whether members or nonmembers, are eligible to receive the prize.

Selection: The Structural Engineering Institute shall recommend a paper for approval by the Executive Committee.

10.3.56 Nathan M. Newmark Medal. The award was established in 1975.

Purpose: This award was established by the Engineering Mechanics and Structural Divisions to honor Nathan M. Newmark, Hon.M.ASCE, for outstanding contributions in structural engineering and mechanics.

Criteria: The award is made to a member of the Society who, through contributions in structural mechanics, has helped substantially to strengthen the scientific base of structural engineering, these contributions having been made in the form of papers or other written presentations. The field of structural mechanics should be interpreted broadly and should include continuum mechanics related to structural and geotechnical engineering.

Selection: The recipient is recommended for Executive Committee approval by the Awards Committee.

10.3.57 Norman Medal. This award was established in 1872.

Purpose: The medal and certificate are awarded to the author, or authors, of a paper, which shall be judged worthy of special commendation for its merit as a contribution to engineering science.

Criteria: All original papers are open to the award, provided that such papers have not been previously contributed in whole or in part to any other association, and have not appeared in print prior to their publication by the Society. Papers written jointly by members and nonmembers are eligible, provided at least half of the authors are ASCE members.

Selection: The recipient of the Norman Medal is recommended by the Society Awards Committee to the Executive Committee for approval.

10.3.58 Charles Pankow Award for Innovation. This award was established in 1996 and made a Society Award in 2008.

Purpose: The award is to recognize emerging collaborative innovations in design, materials, or construction-related research and development. Innovations must be new to the design/construction profession.

Criteria: Nominations must meet the following requirements: Innovative Technologies – must demonstrate innovative design, materials, or construction-related research transferred into practice; Collaborative Research and Implementation – must demonstrate that collaboration was involved during any part of the cycle from development to application; Impact on Construction Industry Performance – must demonstrate innovative approaches that have a positive impact on society by striving to achieve one or more National Construction Technology Goals.

Selection: The recipient is recommended by the Charles Pankow Award Selection Committee for approval by the Executive Committee.

10.3.59 John I. Parcel–Leif J. Sverdrup Civil Engineering Management Award. This award was established in 1976.

Purpose: The purpose of this award is to encourage effective leadership and management skills in the civil engineering profession.

Criteria: The award is made to a member of the Society who has made a definite contribution in the field of civil engineering management, evidencing high character and professional integrity and regional, national or international professional reputation. This contribution may have been made either in the form of written presentations or notable performance.
Selection: The recipient is recommended by the Committee on Advancing the Profession for approval by the Executive Committee.

10.3.60 Ralph B. Peck Award. This award was established in 1999.

Purpose: This award is presented for outstanding contributions to the geotechnical engineering profession through the publication of a thoughtful, carefully researched case history or histories, or the publication of recommended practices or design methodologies based on the evaluation of case histories.

Criteria: This award is given without regard for Society membership or nationality. The award recipient or recipients will be invited to deliver the Peck Lecture describing the lessons learned from the relevant case history or histories.

Selection: The selection of the award recipient will be made by the Geo-Institute.

10.3.61 Margaret S. Petersen Award. This award was established in 2013.

Purpose: This award may be presented for exemplary service to the water resources and environmental science and engineering community.

Criteria: This award may be presented annually to a female ASCE or EWRI member of any grade, except Student Member. The recipient shall have demonstrated exemplary leadership through council, standing, or task committee participation, or university or industry excellence in the water resources, hydraulics, or environmental-related science and engineering profession.

Selection: The Award Selection Committee shall recommend a nominee for approval by the Executive Committee.

10.3.62 Peurifoy Construction Research Award. This award was established in 1984.

Purpose: The purpose of this award is to recognize individuals who have made outstanding contributions to the advancement of construction engineering through research and development of new technology, principles or practices.

Criteria: This award is made to a member of ASCE or the Construction Institute who has made an outstanding contribution to the advancement of construction engineering through research and development of new technology, principles or practices.

Selection: The Construction Institute may recommend a nominee for Executive Committee approval.

10.3.63 Harold R. Peyton Award for Cold Regions Engineering. This award was established in 1988.

Purpose: This award was established to stimulate awareness and interest in the challenges of cold regions engineering.

Criteria: This award is made to a member of the Society who has made outstanding contributions to cold regions engineering or to a basic understanding of cold environments, including dissemination of knowledge of cold climate technology through publishing innovative technical or research papers.

Selection: The Technical Council on Cold Regions Engineering will recommend a recipient for approval by the Executive Committee.

10.3.64 The Professional Practice Ethics and Leadership Award. This award was originally established in 2005.

Purpose: This award was established to promote and recognize civil engineering leadership in professional practice and ethics.

Criteria: The award is made to a licensed professional engineer for a specific accomplishment or for lifetime achievements that demonstrate superior ethics and leadership while the individual participated in professional practice or service to the public.

Selection: The recipient is recommended by a committee of representatives from the Society and from ASFE/The Geoprofessional Business Association for approval by the Executive Committee.

10.3.65 Raymond C. Reese Research Prize. This award was established in 1970.
**Purpose:** This award was established to recognize outstanding contributions to the application of structural engineering research.

**Criteria:** This award is presented to the author or authors of a paper published by the Society in the twelve (12) month period ending with June of the year preceding the year of the award that describes a notable achievement in research related to structural engineering and which indicates how the research can be used. The paper should include the results of research, and, in particular, should indicate and recommend how the research can be applied to design.

**Selection:** The Structural Engineering Institute shall recommend the nominee or nominees for Executive Committee approval.

10.3.66 **Rickey Medal.** This award was established in 1947.

**Purpose:** The medal is given to a Society member for achievement in the general field of hydro-electric engineering, including any of its branches.

**Criteria:** The medal is given for an achievement in hydroelectric engineering.

**Selection:** The Executive Committee of the Energy Division recommends the recipient to the Executive Committee for approval.

10.3.67 **Robert Ridgway Student Chapter Award.** This award was established in 1965.

**Purpose:** This award was instituted to promote excellence among the Student Chapters.

**Criteria:** The award is made annually to the single most outstanding Student Chapter.

**Selection:** The Committee on Student Members shall recommend a recipient to the Executive Committee for approval.

10.3.68 **Roebling Award.** This award was established in 1987.

**Purpose:** This award is to recognize and honor an individual who has made an outstanding contribution toward the advancement of Construction Engineering.

**Criteria:** This award is given to a member of ASCE or the Construction Institute. The recipient of the award may be invited to deliver a “Roebling Lecture” at an appropriate meeting of the Society.

**Selection:** The Construction Institute shall recommend a recipient for approval by the Executive Committee.

10.3.69 **Hunter Rouse Hydraulic Engineering Award.** This award was originally established as a lectureship in 1979.

**Purpose:** The award recognizes outstanding contributions to hydraulics and waterways.

**Criteria:** The recipient shall be selected without restrictions as to Society membership or nationality.

**Selection:** The Environmental and Water Resources Institute shall recommend a recipient for approval by the Executive Committee.

10.3.70 **Thomas Fitch Rowland Prize.** This award was established in 1884.

**Purpose:** This award is intended to honor authors whose papers describe, in detail, accomplished works of construction or which are valuable contributions to construction management and construction engineering.

**Criteria:** This award is not restricted to members of the Society. Only papers published by the Society in the twelve (12) month period ending with June of the year preceding the year of award are eligible.

**Selection:** The recipient will be recommended by the Construction Institute for approval by the Executive Committee.

10.3.71 **Robert H. Scanlan Medal.** This Medal was instituted in 2002.

**Purpose:** The purpose of the medal is to commemorate Professor Robert H. Scanlan’s lifetime achievements in the field of engineering mechanics.
Criteria: The medal is awarded to an individual in recognition of distinguished achievement in engineering mechanics based upon scholarly contributions to both theory and practice. The areas of achievement will generally be structural mechanics, wind engineering, and aerodynamics. The award is limited to one (1) individual, without regard for Society membership or nationality.

Selection: The Engineering Mechanics Institute Advisory Board shall recommend a recipient for approval by the Executive Committee.

10.3.72 Masanobu Shinozuka Medal. This award was established in 2013.

Purpose: This award was established to recognize an individual for outstanding contributions in stochastic systems with applications to several branches of civil engineering.

Criteria: The award may be presented to an individual in recognition of outstanding contributions in stochastic systems with applications to several branches of civil engineering. Society membership shall not be a consideration in making the award.

Selection: One (1) award may be made in odd-numbered years. The recipient is recommended by the Awards Committee of the Engineering Mechanics Institute for approval by the Executive Committee.

10.3.73 Wilbur S. Smith Award. This award was established in 1984.

Purpose: This award is intended to honor the person who, during the fiscal year preceding the year of the award, shall be judged worthy of special commendation for his or her contribution to the enhancement of the role of the civil engineer in highway engineering.

Criteria: This award is restricted to Fellows, Members and Associate Members of the Society.

Selection: The recipient shall be recommended by the Transportation and Development Institute for approval by the Executive Committee.

10.3.74 J. C. Stevens Award. This award was established in 1943.

Purpose: This award is to honor the best published discussion in the field of hydraulics.

Criteria: Papers written jointly by an ASCE or Environmental and Water Resources Institute-only members and non-members are eligible, provided at least one (1) of the authors is either an ASCE or EWRI-only member. The paper shall be in the field of hydraulics (including fluid mechanics and hydrology) published by the Society during the twelve (12) month period ending with June of the year preceding the year of award.

Selection: The recipient shall be recommended by the Environmental and Water Resources Institute for approval by the Executive Committee.

10.3.75 Surveying and Mapping Award. This award was established in 1969.

Purpose: This award honors the individual who has made a definite contribution during the year to the advancement of surveying and mapping either in teaching, writing, research, planning, design, construction, or management.

Criteria: The award is made annually. These individual contributions are made in the form of papers or other written presentations, or in some instances through notable performance, long years of service, or specific actions which have served to advance surveying and mapping.

Selection: The Committee on Technical Advancement shall recommend a recipient for approval by the Executive Committee.

10.3.76 Karl Terzaghi Award. This award was established in 1960.

Purpose: This award gives honor to an author of outstanding contributions to knowledge in the fields of soil mechanics, subsurface and earthwork engineering, and subsurface and earthwork construction.

Criteria: This award is given without restrictions as to Society membership or nationality. Contributions which have been published by the Society shall be cited as the principal basis for the Award.

Selection: The recipient is recommended by the Geo-Institute for approval by the Executive Committee.
10.3.77 Karl Terzaghi Lecture. This lectureship was established in 1960.

Purpose: This lectureship was established to fund honoraria and certificates.

Criteria: At about yearly intervals, a distinguished engineer to deliver a “Terzaghi Lecture” at an appropriate meeting of the Society.

Selection: The recipient is recommended by the Geo-Institute for approval by the Executive Committee.

10.3.78 Royce J. Tipton Award. This award was established in 1964.

Purpose: This award is to recognize contributions to the advancement of irrigation and drainage engineering.

Criteria: The award is made to an ASCE or an Environmental and Water Resources Institute-only member who has made a definite contribution to the advancement of irrigation and drainage engineering either in teaching, research, planning, design, construction or management, these contributions being made through notable performance, long years of service, or specific actions which have served to advance the science of irrigation and drainage engineering. The recipient may be invited to present a lecture at an appropriate meeting of the Society.

Selection: The Environmental and Water Resources Institute shall recommend a recipient for approval by the Executive Committee.

10.3.79 Francis C. Turner Award. This award was originally established as a lectureship in 1988.

Purpose: The award recognizes outstanding contributions to transportation engineering.

Criteria: The selection will be based on the nominee’s contributions to the advancement of the knowledge and practice of transportation engineering. The recipient shall be either an ASCE member or member of the Transportation and Development Institute.

Selection: The recipient will be recommended by the Transportation and Development Institute to the Executive Committee for approval.

10.3.80 Theodore von Karman Medal. This award was established in 1960.

Purpose: This award is to honor an individual in recognition of distinguished achievement in engineering mechanics, applicable to any branch of civil engineering.

Criteria: Age, nationality, and Society membership shall not be a consideration in making the award.

Selection: The Engineering Mechanics Institute Advisory Board shall recommend a recipient for approval by the Executive Committee.

10.3.81 Arthur M. Wellington Prize. This award was established in 1921.

Purpose: This award may be presented annually for papers on transportation on land, on the water, in the air, or on foundations and closely related subjects, not including contributions in the form of reports and manuals.

Criteria: This award is not restricted to members of the Society.

Selection: The Society Awards Committee will recommend the recipients(s) to the Executive Committee for approval.

10.3.82 George Winter Award. This award was established in 1990.

Purpose: The purpose is to recognize the achievements of an active structural engineering researcher, educator or practitioner who best typifies the late Dr. George Winter’s humanistic approach to his profession; i.e., an equal concern for matters technical and social, for art as well as science, for soul as well as intellect.

Criteria: The award shall be made to any individual without regard to Society membership. The recipient shall be a structural engineer, who has consistently worked at advancing the state-of-the-art of the profession through the practical application of design and/or research studies. This individual must have demonstrated a commitment to the social or artistic needs of the community through work performed in an area not directly related to engineering or science.
Selection: The Structural Engineering Institute shall recommend the recipient, if any, to the Executive Committee for approval.

10.3.83 William H. Wisely American Civil Engineer Award. This award was established in 1983.

Purpose: The award’s purpose is to recognize not more than three (3) individuals who have exhibited continuing efforts to better the history, tradition, developments and technical and professional activities of the Society.

Criteria: The recipient or recipients shall be members of the Society.

Selection: The award may be conferred at the initiative of the President with the concurrence of the Executive Committee.

10.3.84 Younger Member Group/Forum Award. This award was established in 1985.

Purpose: The purpose of the award is to promote excellence among the Younger Member groups/forums.

Criteria: This award is made to the most outstanding large and small Younger Member Groups/Forums. Nomination documents should list professional, technical, social and special activities sponsored by the Younger Member Group/Forum for the preceding fiscal year (October to September). Application should be made by March 1 of the year of the award.

Selection: The Committee on Younger Members shall recommend to the Executive Committee the winners of the award and those groups receiving Certificates of Commendation.

10.4 Approved Special Society Recognitions. The following are the approved Special Society Recognitions:

10.4.1 Historic Civil Engineering Landmark Program. This program was established in 1966.

Purpose: The purpose of this program is to recognize with a plaque a significant achievement in civil engineering history and to bring such recognition to the attention of the profession and the public.

Criteria: To be named a Historic Civil Engineering Landmark, a project of at least fifty (50) years of age must either: 1) have greatly advanced the state of the art of civil engineering; 2) be a unique or outstanding example of its genre; or 3) have had an important impact on the development of at least the region in which it is located.

Selection: The History and Heritage Committee recommends projects for Board of Direction approval.

10.4.2 Outstanding Civil Engineering Achievement. This award was established in 1960.

Purpose: The purpose of this award is to annually recognize an exemplary civil engineering project as an “Outstanding Civil Engineering Achievement.” It honors the project that best illustrates superior civil engineering skills and represents a significant contribution to civil engineering progress and society. Honoring an overall project rather than an individual, the award recognizes the contributions of many engineers.

Criteria: Any civil engineering or construction project is eligible. The general criteria are:

1) Originality and Innovation
   a) New or innovative application of technology, design, materials, process/methods and construction;

2) Resourcefulness in Planning and Solving Design Challenges
   a) Complexity of the problem or situation addressed;
   b) Creativity in solutions;

3) Sustainability Considerations
   a) Environmental;
   b) Social;
   c) Economic;
4) Project Planning and Delivery
   a) Financing, budget and schedule;
   b) Meeting the client’s needs particularly related to budget and schedule adherence; and
5) Contribution to the Well-being of People and Communities, including Aesthetic Value.

Specific criteria may be approved by the Board of Direction and reviewed at a minimum of three (3) year intervals by a constituent committee of the Society Awards Committee. The constituent committee shall have three (3) members including a member appointed by the chair of the Society Awards Committee.

Selection: Judging is by a volunteer jury, approved by the Board of Direction. The Jury shall be comprised of the Past President, one (1) additional member of the Society Awards Committee who shall chair the Jury and who shall be recommended by the chair of the Society Awards Committee, two (2) members recommended by the Technical Region Board of Governors, and three (3) members to represent the press. The Editor-in-Chief of Civil Engineering magazine will serve as the non-voting Secretary of the Jury. The Jury shall recommend a list of finalists and the OCEA recipient to the Executive Committee for approval. The Executive Committee shall approve the recommendations of the Jury or, in the case of extraordinary circumstances, the Executive Committee shall refer the recommendations back to the Jury for further deliberation.

10.4.3 Outstanding Projects and Leaders (OPAL) Program. This award was established in 1999.
Purpose: This award is to recognize and honor outstanding civil engineering leaders whose lifetime accomplishments and achievements have made significant differences in design, construction, public works, education, or management.

Criteria: The awards are given to model civil engineers who have demonstrated outstanding lifetime achievement, leadership, and a long-term commitment to excellence in the categories of design, construction, public works, education, and management. The awards are not restricted to members of the Society. Members who have been inducted to the office of President-elect shall not be eligible to receive this award.

Selection: The Society Awards Committee will review the nominations and nominate one (1) recipient in each of the five (5) categories for Executive Committee approval.

10.5 Society Scholarships. A Society Scholarship is a cash award that a) serves to support the undergraduate education of civil engineering students AND b) advances the Society’s Purpose and Objective AND c) for which recipients shall be approved by the Executive Committee AND d) for which the Society has all supporting funds and rights of administration.

10.5.1 Criteria for Society Scholarships. The criteria for a Society Scholarship shall include the following: a) the purpose of the Society Scholarship AND b) membership or non-membership in the Society as a restriction AND c) the criteria for selection of the recipient AND d) the composition and selection process of the selection committee AND e) the enrollment status of the applicant AND f) a provision to allow for non-award in any cycle AND g) the maximum number of recipients per cycle AND h) definition of the application materials required AND i) if applicable, enable the provision that the Society Scholarship may be given to the same individual more than one (1) time AND k) if applicable, enable if more than one (1) individual may be selected.

10.5.1.1 Donor Participation in Society Scholarship Decisions. Neither donors nor their heirs shall have a role in selecting recipients of Society Scholarships.

10.5.2 Application for Society Scholarships. To be considered for a Society Scholarship, all application packets submitted for consideration shall: a) include all application materials required in the individual Society Scholarship rules AND b) include a completed Society Scholarship application form AND c) be received on or before the date specified in the Society Scholarship criteria.

10.5.3 Funding of Society Scholarships. The proposed Society Scholarship may be established by funds received from individuals, businesses or industrial organizations, or by a Society grant.
10.5.3.1  **Funding from Wills and Estates.** The Society is not obligated to establish a Society Scholarship in an individual’s name from funds received from wills and estates. The Society may apply funds from wills and estates to supplement existing Society Scholarships.

10.5.4  **Direct Costs of Society Scholarships.** Direct costs of Society Scholarships are borne by the individual scholarship fund. Direct costs of a Society Scholarship are the initial and ongoing costs of the scholarship and the expense paid to the investment advisor who manages the portfolio of endowed Society Scholarship funds.

10.5.5  **Administrative Charges of Society Scholarships.** The administrative charges of Society Scholarships are the costs of soliciting applications, reviewing applications for eligibility, coordinating selection of the recipients, collecting recipient photos and biographical data, and writing of press releases. Administrative charges are paid from the Society’s annual operating budget.

10.5.6  **Endowment of Society Scholarships.** There is a minimum endowment to establish any new Society Scholarship. An additional sum is required at start-up to cover direct costs associated with the Society Scholarship. The Society Awards Committee shall annually evaluate the minimum requirements and may make adjustments to ensure the long-term viability of Society Scholarships.

10.5.7  **Minimum Funding to Confer Society Scholarship.** Society Scholarships may only be conferred if 1) the principal balance meets the required endowment and 2) the Society Scholarship has sufficient additional funds to pay all Direct Costs. No Scholarship shall be given if doing so would reduce the funds available for direct costs to below one thousand dollars ($1,000).

10.5.8  **Approval of New Society Scholarships.** The Executive Committee, with the advice of the Society Awards Committee, shall approve all new Society Scholarships proposed to be administered by the Society.

10.5.8.1  **Naming of Society Scholarships.** To name a Society Scholarship after a person, such person shall be judged by the Society Awards Committee to have or have had a reputable association with the engineering or construction communities and shall have been a Society member in good standing for at least twenty-five (25) years.

10.5.9  **Rules of Society Scholarships.** Beginning ten (10) years after the establishment of a named Society Scholarship, changes and modification may be made to its official rules by the Executive Committee with the advice of the Society Awards Committee, whether or not the original donors are available for consultation.

10.6  **Approved Society Scholarships.** The following are the approved Society Scholarships:

10.6.1  **ASCE Construction Engineering Scholarship.** This scholarship was established in 1978.  
**Purpose:** The scholarship is for a paper that treats any topic relating to accomplished works of construction, construction methodology, construction management, construction engineering, or other topics related to construction.  
**Criteria:** All Society Student Chapters may select up to three (3) entries from their membership. Papers that have previously been published in copyrighted publications are not eligible for consideration.  
**Selection:** The recipient(s) of the Construction Engineering Scholarship shall be nominated by the Construction Institute and approved by the Executive Committee.

10.6.2  **Lawrence W. and Francis W. Cox Scholarship.** This scholarship was established in 2008.  
**Purpose:** The scholarship is for the benefit of undergraduate students pursuing a degree in civil engineering.  
**Criteria:** The recipient of the Lawrence W. and Francis W. Cox Scholarship shall be an ASCE Student Member at the time of application and award and be an undergraduate in an ABET-accredited program at a recognized educational institution. Selection is based on the applicant’s essay, justification to receive the award, educational plan, academic performance, potential for development, leadership capacity, and financial need. The recipient shall be approved by the Executive Committee upon recommendation of the Society Awards Committee.
10.6.3 *Eugene C. Figg, Jr. Civil Engineering Scholarship.* This scholarship was established in 2004.

**Purpose:** The scholarship is for the purpose of encouraging the creation of bridges as art.

**Criteria:** Applicants must be Student Members to be eligible.

**Selection:** The recipient(s) of the Eugene C. Figg, Jr. Civil Engineering Scholarship shall be recommended by the Society Awards Committee for approval by the Executive Committee.

10.6.4 *John Lenard Civil Engineering Scholarship.* This scholarship was established in 2008.

**Purpose:** This scholarship is to encourage outstanding junior or senior civil engineering students to consider water supply or environmental engineering as a career goal.

**Criteria:** The recipient of the John Lenard Scholarship shall be an ASCE Student Member in good standing at the time of application and award, and be a junior or senior student at the time of award, majoring in civil or environmental engineering in an ABET-accredited program at the time of award, and demonstrate a commitment to either water supply or environmental engineering.

**Selection:** The recipient(s) of the John Lenard Scholarship shall be recommended by the Society Awards Committee for approval by the Executive Committee.

10.6.5 *Robert B. B. and Josephine N. Moorman Scholarship.* This scholarship was established in 2008.

**Purpose:** The scholarship is for the benefit of students pursuing a degree in civil engineering.

**Criteria:** The recipient of the Robert B. B. and Josephine N. Moorman Scholarship shall be an ASCE Student Member at the time of application and award and be an undergraduate in an ABET-accredited program in civil engineering or related field.

**Selection:** The recipient of the Robert B. B. and Josephine N. Moorman Scholarship shall be recommended by the Society Awards Committee for approval by the Executive Committee.

10.6.6 *Samuel Fletcher Tapman Scholarship.* This scholarship was established in 1961.

**Purpose:** The scholarship is for the continuation of formal undergraduate education in a recognized educational institution.

**Criteria:** A Student Member may apply for this scholarship and shall be a member in good standing at the time of application and award. No more than one (1) application shall be submitted from the membership of any one (1) Student Chapter.

**Selection:** The recipient(s) of the Tapman Scholarship shall be recommended by the Society Awards Committee for approval by the Executive Committee.

10.6.7 *B. Charles Tiney Scholarship.* This scholarship was established in 1980.

**Purpose:** The scholarship is for tuition assistance to needy and deserving college students who are studying in the field of engineering.

**Criteria:** A Student Member who is in good standing may apply for this scholarship.

**Selection:** The recipient(s) of the B. Charles Tiney Scholarship shall be recommended by the Society Awards Committee for approval by the Executive Committee.

10.6.8 *Arthur S. Tuttle Scholarship.* This scholarship was established in 1983.

**Purpose:** The scholarship is for the purpose of encouraging graduate education in civil engineering.

**Criteria:** All members are eligible.

**Selection:** The recipient(s) of the Arthur S. Tuttle Scholarship shall be recommended by the Society Awards Committee for approval by the Executive Committee.

10.6.9 *Y. C. Yang Civil Engineering Scholarship.* This scholarship was established in 2004.

**Purpose:** The scholarship is to foster interest in structural engineering and to encourage students to further their civil engineering education.

**Criteria:** The recipient of the Y. C. Yang Civil Engineering Scholarship shall be an ASCE Student Member in good standing at the time of application and award, be a junior or senior civil engi-
neering student who will be registered in fall as an undergraduate of the year of award, and will have an interest in structural engineering.

Selection: The recipient of the Y. C. Yang Civil Engineering Scholarship shall be recommended by the Society Awards Committee for approval by the Executive Committee.

10.7 Society Fellowships. A Society Fellowship is a cash award that a) serves to support the graduate education of civil engineering students AND b) advances the Society’s Purpose and Objective AND c) for which recipients shall be approved by the Executive Committee AND d) for which the Society has all supporting funds and rights of administration.

10.7.1 Criteria for Society Fellowships. The criteria for a Society Fellowship shall include the following: a) the purpose of the Society Fellowship AND b) membership or non-membership in the Society as a restriction AND c) the criteria for selection of the recipient AND d) the composition and selection process of the selection committee AND e) the enrollment status of the applicant AND f) a provision to allow for non-award in any cycle AND g) the maximum number of recipients per cycle AND h) definition of the award’s cycle AND i) definition of the application materials required AND j) if applicable, enable the provision that the Society Scholarship may be given to the same individual more than once (1) time AND k) if applicable, enable if more than one (1) individual may be selected.

10.7.1.1 Donor Participation in Society Fellowship Decisions. Neither donors nor their heirs shall have a role in selecting recipients of Society Fellowships.

10.7.2 Application for Society Fellowships. To be considered for a Society Fellowship, all application packets submitted for consideration shall: a) include all application materials required in the individual Society Fellowship rules AND b) include a completed Society Fellowship application form AND c) be received on or before the date specified in the Society Fellowship criteria.

10.7.3 Funding of Society Fellowships. The proposed Society Fellowship may be established by funds received from individuals, businesses or industrial organizations, or by a Society grant.

10.7.3.1 Funding from Wills and Estates. The Society is not obligated to establish a Society Fellowship in an individual’s name from funds received from wills and estates. The Society may apply funds from wills and estates to supplement existing Society Fellowships.

10.7.4 Direct Costs of Society Fellowships. Direct costs of Society Fellowships are borne by the individual fellowship fund. Direct costs of a Society Fellowship are the initial and ongoing costs of the fellowship and the expense paid to the investment advisor who manages the portfolio of endowed Society Fellowship funds.

10.7.5 Administrative Charges of Society Fellowships. The administrative charges of Society Fellowships are the costs of soliciting applications, reviewing applications for eligibility, coordinating selection of the recipients, collecting recipient photos and biographical data, and writing of press releases. Administrative charges are paid from the Society’s annual operating budget.

10.7.6 Endowment of Society Fellowships. There is a minimum endowment for Society Fellowships. An additional sum is required at start-up to cover direct costs associated with the Society Fellowship. The Society Awards Committee shall annually evaluate the minimum requirements and may make adjustments to ensure the long-term viability of Society Fellowships.

10.7.7 Minimum Funding to Confer Society Fellowship. Society Fellowships may only be conferred if 1) the principal balance meets the required endowment and 2) the Society Fellowship has sufficient additional funds to pay all Direct Costs. No Fellowship shall be given if doing so would reduce the funds available for Direct Costs to below one thousand dollars ($1,000).

10.7.8 Approval of New Society Fellowships. The Executive Committee, with the advice of the Society Awards Committee, shall approve all new Society Fellowships proposed to be administered by the Society.

10.7.8.1 Naming of Society Fellowships. To name a Society Fellowship after a person, such person shall be judged by the Society Awards Committee to have or have had a reputable association with the engineering or construction communities and shall have been a Society member in good standing for at least twenty-five (25) years.

10.7.9 Rules of Society Fellowships. Beginning ten (10) years after the establishment of a named Society Fellowship, changes and modification may be made to its official rules by the Executive
Committee with the advice of the Society Awards Committee, whether or not the original donors are available for consultation.

10.8 Approved Society Fellowships. The following are the approved Society Fellowships:

10.8.1 O. H. Ammann Research Fellowship in Structural Engineering. This fellowship was established in 1963.

Purpose: The fellowship is for the purpose of encouraging the creation of knowledge in the field of structural design and construction.

Criteria: All members or applicants for membership are eligible. The fellowship is awarded on the basis of transcripts of scholastic records, evidence the applicant has the ability to conceive and explore original ideas in the field of structural engineering, and a description of the proposed research and its objectives.

Selection: The recipient(s) of the O.H. Ammann Research Fellowship in Structural Engineering shall be nominated by the Structural Engineering Institute and approved by the Executive Committee.

10.8.2 Trent R. Dames and William W. Moore Fellowship. This fellowship was established in 1990.

Purpose: The fellowship is for the purpose of advancing the science and profession of engineering and to enhance the overall welfare of mankind.

Criteria: Applicants must be practicing engineers or earth scientists, professors or graduate students. Membership in the Society is not a requirement for the award.

Selection: The recipient(s) of the Trent R. Dames and William W. Moore Fellowship shall be recommended by the Society Awards Committee for approval by the Executive Committee.

10.8.3 Freeman Fellowship. This fellowship was established in 1924.

Purpose: The fellowship is for the purpose of discovery of new and accurate data useful in engineering with an emphasis on hydraulic science and art.

Criteria: All members are eligible.

Selection: The recipient(s) of the Freeman Fellowship shall be recommended by the Society Awards Committee for approval by the Executive Committee.

10.8.4 J. Waldo Smith Hydraulic Fellowship. This fellowship was established in 1938.

Purpose: The fellowship is for the purpose of promoting research in the field of experimental hydraulics.

Criteria: All members enrolled in a formal graduate program are eligible.

Selection: The recipient(s) of the J. Waldo Smith Hydraulic Fellowship shall be recommended by the Society Awards Committee for approval by the Executive Committee.

10.9 Joint Activities with Other Organizations. The Society and/or its Organizational Entities may appoint representation to committees or boards of other organizations, and sponsor or endorse activities of other organizations or individuals that are consistent with the goals and purposes of the Society and which are deemed to have value for the Society’s membership.

10.9.1 Liaisons to Other Organizations. Appointments of Society members may be made to represent the Society on committees or boards of other organizations or those formed jointly with other organizations for the purpose of advancing the technical, professional, or economic status of engineers. The Society appointee shall furnish reports to the Society administrative unit supervising the principal subject area of the joint committee. Such report shall be submitted not more than thirty (30) days following each event attended on behalf of the Society and should summarize the activities and accomplishments of the other organization and contain recommendations as to continuing support and participation by the Society.

Appointments of delegates and representatives to represent the Society at conferences and meetings, or on committees or boards of other organizations and those formed jointly with other organizations, shall be selected from members of the Society, as deemed appropriate by the Board of Direction.

10.9.2 Process to Initiate Joint Activities. Requests for Society sponsorship or endorsement of local events shall be made in writing to the appropriate Organizational Entity. Requests for Society sponsorship or endorsement of regional, national or international events shall be made in writ-
ing to the Secretary. Approvals granting Society sponsorship or endorsement must describe the extent or conditions of the Society participation. Each approval shall be for a single event. For all events, the approving Society entity shall request a “Hold Harmless” agreement as a pre-condition to ASCE involvement.

When determining approval or disapproval of a request for sponsorship, consideration shall be given to the nature and reputation of the requesting organization, applicability of the material to the civil engineering professions, possible conflicts with other Society events, and the quality of program and presenters.

10.10 Provision of Society Member Benefits Through Affinity Programs. The Society may offer Affinity Programs to the members. The purpose of Affinity Programs is to meet the wants and needs of Society members. Periodic Society member feedback shall be solicited to monitor the wants and needs and the levels of service provided.

10.10.1 Criteria for Affinity Programs. Affinity Programs offered to Society members shall meet the following criteria:

—Affinity Programs shall provide products and/or services affecting the well-being of the Society’s membership and be high quality, not available to those who are not Society members or available at a cost savings due to membership in the Society.

—The Society shall enter into a contractual arrangement with the vendors/suppliers of Affinity Programs the Society offers. The contract shall: include provisions relative to the monitoring and review of programs, operations, compensation and fees; state that costs to Society members at least match the lowest cost at which the product is offered; include provisions that the vendor/supplier will match documented competitor costs or total value; and provide controls for the Society if contract terms are not met.

—Endorsement of durable goods/hardware products shall be noncommittal and nonexclusive to a single product or dealer if more than one (1) source may be available.

—Suitable product guarantees and/or service shall be available to all Society members.

—The Affinity Program benefit shall be a true benefit offering reduced cost, quality, and convenience to the Society member.

—The Society shall have no marketing obligation and shall be mindful of the Society’s members’ welfare and privacy by controlling access to lists of Society member addresses and providing means to prevent unwanted, excessive or unsuitable advertising or marketing activities by vendors/suppliers.

—Financial benefits to the Society for the provision of Affinity Programs shall be considered once other criteria are satisfied. Such benefits may consist of royalties, fees, rebates, funding or other legal and lawful payments made to the Society by vendor/suppliers through any such Affinity Program. Financial benefit to the Society shall not, in and of itself, be a criterion for endorsement of an Affinity Program but shall be considered an acceptable enhancement to an Affinity Program, which meets other criteria.

—Products/services, which do not meet the criteria of an Affinity Program, may be advertised to Society members without endorsement through the Society’s normal paid advertising channels.

Article 11. Amendments

The Rules of Policy and Procedure may be amended by the Board of Direction as provided in the Bylaws.
PAST AND PRESENT OFFICERS

Presidents

Terms of presidents extend a short period in a prior or subsequent year. This table indicates the year(s) covering the major portion of the term.

(The names of the living Presidents are printed in capital letters.)

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* Appointed Director April 25, 1977 to fill vacancy caused by succession of Frederick R. Brown as Vice President.
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‡ Appointed October 26, 1987 to fill vacancy caused by succession of Arthur E. Bruington as Vice President; elected for three-year term, 1988–1991.
§ Resigned as Vice President October 5, 1998; succeeded by William A. Welsh, Jr.
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1 Appointed October 26, 1988 to fill vacancy caused by succession of Thomas L. Jackson as Vice President.
2 Resigned as Director October 26, 1988, to become Vice-President; appointed Treasurer October 9, 1994; served until November 13, 1996.
3 Resigned as Director October 20, 1971; Cranston R. Rogers elected for the unexpired term; resigned as Vice President February 3, 1977; succeeded by Frederick R. Brown for the unexpired term.
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* Appointed Director September 16, 1992 to fill vacancy caused by succession of H. Gerard Schwartz as Vice President.
† Appointed Director September 16, 1992 to fill vacancy caused by resignation of Austin B. Milhollin.
‡ Appointed Director September 25, 1976 to fill vacancy caused by resignation of Philip Abrams; resigned as Vice President October 23, 1979 to assume of President-elect; succeeded by Donald S. Austin for the unexpired term.
** Edward O. Pfrang appointed Secretary October 1983. Retired as Secretary and Executive Director October 12, 1994.
†† Appointed Director October 20, 1971 to fill vacancy caused by resignation of Russel C. Jones; elected for 3-year term, 1973–1975.
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<th>Name</th>
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* Appointed Vice President September 16, 1992 to fill vacancy caused by succession of James W. Poirot as President-elect; elected Vice President August 15, 1997.
† Resigned as Director January 7, 1971; Gerald R. Dyson elected for the unexpired term.
‡ Appointed Director October 17, 1998 to fill vacancy caused by succession of William A. Welsh, Jr. as Vice President.
§ Resigned as Director May 10, 1977; James N. Glenn appointed for the unexpired term.
TI Appointed Treasurer November 13, 1996; served until October 8, 1997.
PAST AND PRESENT OFFICERS

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Honorary and Distinguished Members

“A Distinguished Member shall be a person who shall have attained acknowledged eminence in some branch of engineering or in the arts and sciences related thereto.” (Bylaws 2.1.6)

In 2007, the Society changed the title, Honorary Member, to more clearly convey the acknowledged eminence of ASCE’s most prestigious honorees. Beginning in 2008, the title of the Society’s elite member grade is known as Distinguished Member. Honorary Members elected before 2008 had the opportunity to accept this new title, and the list that follows reflects their preference.

JOEL I. ABRAMS, Dr.Eng., P.E., Dist.M.ASCE
HOJJAT ADELI, Ph.D., Dist.M.ASCE
JOSEPH A. (BUD) AHEARN, P.E., Dist.M.ASCE, NAC, NAE
Major General, U.S. Air Force (Retired)
HARL P. ALDRICH, JR., Sc.D., P.E., Dist.M.ASCE, NAE
ROBERT E. ALGIER, P.E., Dist.M.ASCE
IMAD L. AL-QADI, Ph.D., P.E., Dist.M.ASCE
DAVID T. BIGGS, P.E., Dist.M.ASCE
DAVID P. BILLINGTON, P.E., Dist.M.ASCE, NAE
GEORGE W. BLACK, Jr., P.E., Dist.M.ASCE
OMER W. BLODGETT, P.E., Dist.M.ASCE
ROBERT L. BOWEN, P.E., Dist.M.ASCE
MARK A. BRADFORD, D.SC., P.E., Dist.M.ASCE
RICHARD P. BRAUN, P.E., Dist.M.ASCE
JOHN E. BREEN, Ph.D., P.E., Dist.M.ASCE, NAE
NORMAN H. BROOKS, P.E., Hon.M.ASCE, NAE
COLIN B. BROWN, Ph.D., P.E., Dist.M.ASCE
JACK E. BUFFINGTON, P.E., Dist.M.ASCE, NAE
PHILIP H. BURGI, P.E., Hon.M.ASCE
BRISTOW BURKE, PH.D., P.E., D.WRE, DIST.M.ASCE
JOHN J. CASSIDY, Ph.D., P.E., Dist.M.ASCE, NAE
WAI-FAH CHEN, Ph.D., P.E., Dist.M.ASCE, NAE
FRANKLIN Y. CHENG, Ph.D., P.E., Dist.M.ASCE
AH BAH CHIN, Hon.M.ASCE
KEN P. CHONG, P.E., Dist.M.ASCE
JOHN T. CHRISTIAN, Ph.D., P.E., Dist.M.ASCE
A. JAMES CLARK, Hon.M.ASCE, NAE

---

* Appointed Vice President October 5, 1998 to fill vacancy caused by resignation of Jonathan C. Esslinger.
† Served as Secretary beginning May 1, 1972; resigned March 31, 1982.
G. WAYNE CLOUGH, Ph.D., P.E.,
Dist.M.ASCE, NAE
RAY W. CLOUGH, Ph.D., P.E., Dist.M.ASCE,
NAE
EDWARD COHEN, P.E., Dist.M.ASCE, NAE
JARED L. COHON, Ph.D., P.E.,
Dist.M.ASCE, NAE
ROSS B. COROTIS, Ph.D., P.E., S.E.,
Dist.M.ASCE, NAE
GLEN T. DAIGGER, Ph.D., P.E., BCEE,
Dist.M.ASCE, NAE
ROBERT A. DALRYMPLE, Ph.D., P.E., DCE,
Dist.M.ASCE, NAE
DAVID E. DANIEL, Ph.D., P.E.,
Dist.M.ASCE, NAE
ELIO D’APPOLONIA, Ph.D., P.E.,
Hon.M.ASCE, NAE
DAVID DARWIN, Ph.D., P.E., F.SEI,
Dist.M.ASCE
ROBERT G. DEAN, Sc.D., P.E.,
Dist.M.ASCE
JACOB DEEMA, Dist.M.ASCE
CHANDRAKANT S. DESAI, Ph.D., P.E.,
Dist.M.ASCE
ROBERT J. DESJARDINS, P.E., L.S.,
Dist.M.ASCE
SIDNEY O. DEWBERRY, P.E., L.S.,
Dist.M.ASCE
ANTHONY M. DIGIOIA, JR., Ph.D., P.E.,
Dist.M.ASCE
JOHN M. DIONISIO, P.E., DIST.M.ASCE
ALBERT A. DORMAN, P.E., Dist.M.ASCE,
NAE
VINCENT P. DRNEVICH, Ph.D., P.E., D. GE,
Dist.M.ASCE
J. MICHAEL DUNCAN, Ph.D., P.E.,
Dist.M.ASCE, NAE
JOHN DUNNCLIFF, P.E., Dist.M.ASCE
BILLY L. EDGE, Ph.D., P.E., Dist.M.ASCE
TUNCER B. EDIL, Ph.D., P.E., D.GE,
DIST.M.ASCE
REX A. ELDER, P.E., Hon.M.ASCE, NAE
BRUCE R. ELLINGWOOD, Ph.D., P.E.,
Dist.M.ASCE, NAE
MOHAMMED M. ETTOUNEY, D.Sc., P.E.,
F.AEI, Dist.M.ASCE
KEITH F. FAHERTY, Ph.D., P.E.,
Dist.M.ASCE
LARRY J. FEESER, Ph.D., P.E.,
Hon.M.ASCE
STEVEN J. FENVES, Ph.D., Hon.M.ASCE
D. ALLAN FIRmage, P.E., Dist.M.ASCE
JAMES M. FISHER, Ph.D., P.E.,
Dist.M.ASCE
JOHN W. FISHER, Ph.D., P.E., Dist.M.ASCE
DAN M. FRANGOPOL, Sc.D., P.E.,
Dist.M.ASCE
RICHARD W. FURLONG, Ph.D., P.E.,
Dist.M.ASCE
THEODORE V. GALAMBOS, Ph.D., P.E.,
Dist.M.ASCE, NAE
GERALD E. GALLOWAY, JR., Ph.D., P.E.,
Hon.D.WRE, Dist.M.ASCE, NAE
NICHOLAS J. GARBER, Ph.D., P.E.,
Dist.M.ASCE, NAE
MARCELO H. GARCIA, PH.D., F.EWRI,
DIST.M.ASCE
EARNEST F. GLOYNA, P.E., Dist.M.ASCE,
NAE
HERBERT A. GOETSCHEL, P.E., Dist.M.ASCE
PHILLIP L. GOULD, Ph.D., P.E., S.E.,
Dist.M.ASCE
JOHN F. GRAHAM, JR., P.E., Dist.M.ASCE
RICHARD E. GRAY, Dist.M.ASCE
FRANCIS E. GRIGGS, Jr., D.Eng., P.E., L.S.,
Dist.M.ASCE
ACHINTYA HALDAR, Ph.D., P.E.,
Dist.M.ASCE
WILLIAM J. HALL, Ph.D., P.E.,
Dist.M.ASCE, NAE
DANIEL W. HALPIN, Ph.D., Dist.M.ASCE
DELON HAMPTON, Ph.D., P.E.,
PRES.00.ASCE, NAE
DONN E. HANCHER, Ph.D., P.E.,
Dist.M.ASCE
HENRY J. HATCH, LTG US Army (R), P.E,
Dist.M.ASCE., NAE
NEIL M. HAWKINS, Ph.D., Dist.M.ASCE
CHRIS T. HENDRICKSON, Ph.D.,
Dist.M.ASCE, NAE
JOHN W. HERNANDEZ, JR., Ph.D., P.E.,
Dist.M.ASCE
JEFFERSON M. HILLIARD, P.E.,
Dist.M.ASCE
LESTER A. HOEL, Eng.D., P.E.,
Dist.M.ASCE, NAE
ROBERT D. HOLTZ II, Ph.D., P.E.,
Dist.M.ASCE
KIYOSHI HORIKAWA, Ph.D., P.E.,
Dist.M.ASCE
IZZAT M. IDRIS, Ph.D., P.E.,
Dist.M.ASCE, NAE
MANABU ITO, Ph.D., Hon.M.ASCE
JEREMY ISENBERG, Ph.D., P.E.,
Hon.M.ASCE, NAE
WILFRED D. IWAN, Ph.D., Dist.M.ASCE,
NAE
SRINIVASA H. IYENGAR, P.E.,
Hon.M.ASCE, NAE
MARVIN E. JENSEN, Ph.D., P.E.,
Dist.M.ASCE, NAE
RUSSEL C. JONES, Ph.D., P.E.,
Dist.M.ASCE
AHSAN KAREEM, Ph.D., Dist.M.ASCE,
NAE
EMORY L. KEMP, Ph.D., P.E., Dist.M.ASCE
ROBERT D. KERSTEN, Ph.D., P.E., D.WRE,
Dist.M.ASCE
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<tr>
<th>Name</th>
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<td>CONRAD G. KEYES, JR.</td>
<td>Ph.D., P.E., L.S.,</td>
<td>ASCE</td>
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<tr>
<td>ROBERT M. KOERNER, P.E.,</td>
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<td>RAYMOND J. KRIZEK, Ph.D.,</td>
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<td>FRED H. KULHAWY, Ph.D., P.E.,</td>
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<td>CHARLES C. LADD, Sc.D.,</td>
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<td>T. WILLIAM LAMBE, Ph.D.,</td>
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<td>ORVILLE T. MAGOON, Dist.M.ASCE</td>
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<td>WILLIAM F. MARCUSON III, Ph.D.</td>
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<td>KISHOR C. MEHTA, Ph.D., P.E.,</td>
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<td>VILAS S. MUKHDOAR, D.P.A.,</td>
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<td>THOMAS M. MURRAY, Ph.D., P.E.,</td>
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<td>PRISCILLA P. NELSON, Ph.D.,</td>
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<td>CARLOS S. OSPINA, Hon.M.ASCE, NAE</td>
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<td>GEORGE F. PINDER, Ph.D.,</td>
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<td>MAX L. PORTER, Ph.D., P.E.,</td>
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<td>HARRY G. POULOS, DSCENG,</td>
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<td>CLIFFORD W. RANDALL, Ph.D.,</td>
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<td>COL. STEPHEN J. RESSLER, Ph.D.,</td>
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<td>JOSE M. ROESSET, Ph.D., P.E.,</td>
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<td>CRANSTON R. (CHAN) ROGERS, P.E.</td>
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<td>STANLEY T. ROLFE, Ph.D., P.E.,</td>
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<td>JEFFREY S. RUSSELL, Ph.D., P.E.</td>
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<td>GAJANAN M. SABNIS, Ph.D., P.E.</td>
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<td>CHARLES G. SALMON, P.E., Hon.M.ASCE</td>
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<td>CLIFFORD J. SCHEXNAYDER, Ph.D.,P.E.,</td>
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<td>KYLE E. SCHILLING, P.E.,</td>
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<td>SawTEEN SEE, P.E., Dist.M.ASCE</td>
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<td>ROLAND L. SHARPE, Ph.D., P.E.,</td>
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<td>MASANOBU SHINOZUKA, Ph.D., P.E.,</td>
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CHRISTINE A. SHOEMAKER, Ph.D., Dist.M.ASCE, NAE
KUMARES C. SINHA, Ph.D., P.E., Hon.M.ASCE, NAE
ERNEST T. SMERDON, Ph.D., P.E., Dist.M.ASCE, NAE
MOSTAPA M. SOLIMAN, Ph.D., P.E., Dist.M.ASCE
METE A. SOZEN, Hon.M.ASCE, NAE
MARVIN M. SPECTER, P.E., L.S., Hon.M.ASCE
JERRY R. STEIDINGER, PH.D., DIST.M.ASCE
ROBERT L. STREET, Ph.D., Dist.M.ASCE, NAE
STEIN STURE, Ph.D., Dist.M.ASCE
RAO Y. SURAMPALLI, Ph.D., P.E., BCEE, D.WRE, Dist.M.ASCE
GEORGE J. TAMARO, P.E., Hon.M.ASCE, NAE
MAN-CHUNG TANG, Dr.-Ing., P.E., Hon.M.ASCE, NAE
ROBERT B. THORN, P.E., Dist.M.ASCE
CHARLES H. THORNTON, P.E., Hon.M.ASCE, NAE
RICHARD L. TUCKER, Ph.D., P.E., Dist.M.ASCE, NAE, NAC
DAVID A. VANHORN, Ph.D., P.E., Dist.M.ASCE

ERIK H. VANMARCKE, PH.D., DIST.M.ASCE
ANESTIS S. VELETSOS, Dist.M.ASCE, NAE
STUART G. WALESH, Ph.D., P.E., D.WRE, Dist.M.ASCE
C. MICHAEL WALTON, PH.D., P.E., Dist.M.ASCE, NAE
ROBERT L. WIEGEL, P.E., Dist.M.ASCE, NAE
RICHARD E. WOODRING, Ph.D., P.E., Hon.M.ASCE
RICHARD D. WOODS, Ph.D., P.E., Dist.M.ASCE, NAE
KENNETH R. WRIGHT, P.E., L.S., Dist.M.ASCE
RICHARD N. WRIGHT, Ph.D., P.E., Dist.M.ASCE, NAE
TIEN H. WU, Ph.D., P.E., Hon.M.ASCE
LORING A. WYLLIE, JR., S.E., Dist.M.ASCE, NAE
ALFRED A. YEE, Ph.D., P.E., Hon.M.ASCE, NAE
WILLIAM W.G. YEH, Ph.D., Hon.M.ASCE, NAE
T. LESLIE YOUD, PH.D., Dist.M.ASCE, NAE
PAUL Z. T. ZIA, Ph.D., P.E., Dist.M.ASCE, NAE
WILLIAM S. ZOINO, P.E., DIST.M.ASCE
QUALIFICATIONS, EXPECTATIONS, AND TRAINING
OF SOCIETY DIRECTORS

This document is intended to provide guidance to ASCE members seeking to become a Society Director. It describes the required qualifications for this position, expected time commitments, expected financial resources, and the training required. An outline of the nomination process, including a list of the documents that must be submitted by each nominee, is also provided.

Each nominating committee, potential candidate, and anyone soliciting potential candidates should become familiar with these qualifications, expectations, and training requirements.

I. Qualifications.

Society Directors include Region Directors (Geographic or Technical) and At-Large Directors.

A. Geographic Region Directors. Candidates for the office of Geographic Region Director shall be voting Society members in Good Standing, shall have an Address of Record within the Region being represented, and shall have served as a Geographic Region Governor. After serving one (1) full term, Geographic Region Directors shall be ineligible for re-election to the office of Society Director. Additionally, any person who was inducted as Society President-elect or Vice President is ineligible for re-election as a Geographic Region Director. All other former Board of Direction members who were nominated by Districts are eligible to serve.

B. Technical Region Directors. Candidates for the office of Technical Region Director shall be voting Society members in Good Standing, and shall have served on an Institute Board of Governors. After serving one (1) full term, Technical Region Directors shall be ineligible for re-election to the office of Society Director. Additionally, any person who was inducted as Society President-elect or Vice President is ineligible for re-election as a Technical Region Director. All other former Board of Direction members who were nominated by Districts are eligible to serve.

C. At-Large Directors. Candidates for the office of At-Large Director shall be Society members in Good Standing in any grade except Student Member and shall have demonstrated expertise or special perspective deemed desirable by the Board of Direction. After serving one (1) full term, At-Large Directors shall be ineligible for re-election to the office of Society Director.

Directors of the American Society of Civil Engineers must possess many traits and abilities beyond those specified by the Bylaws and Rules of Policy and Procedure. The most noteworthy trait an ASCE Society Director should possess is that of a skilled communicator, as public speaking is a requirement of the position. The Society Director must be a conduit between the Board of Direction and the Regions, committees, local units, and external organizations.

Additionally, a Society Director is to be a spokesperson for the profession at the local level. The Society Director should also be able to competently participate in the planning and policy setting duties of the Board, as well as be able to understand and address the Society’s goals. The Board delegates oversight responsibility for managing the Society to the Executive Committee and will concentrate on planning, setting policy, and prioritizing programs, along with allocating resources. It is essential the Society Director be able to work with ASCE staff and volunteers to accomplish the stated goals of the Society. They must be able to fulfill these functions well, and at the same time always display the highest degree of professional integrity to benefit the civil engineering profession and ASCE.

A prospective Society Director should review the Official Register and visit the ASCE website. After careful study of these resources, the Candidate will be prepared to offer an informed commitment to the qualifications and expectations and training requirements herein described.

It is also expected that Society Directors have the appropriate support from both their family and employer. As the time commitment in this role is great, it is essential that those who have demands or expectations on the Society Director’s time be fully aware of, and agreeable to, the commitment being made.

II. Expectations.

In addition to carrying out any specific assignments given by the Board and/or the President, Society Directors must make a commitment of both time and financial resources.
QUALIFICATIONS, EXPECTATIONS, AND TRAINING OF SOCIETY DIRECTORS

A. **Time.** The approximate annual time expected from each Society Director at meetings is shown below. In addition to the meeting days, a Society Director should be willing to spend additional time in preparation for and travel to meetings. Many of these days will be over weekends, but week days will also be required. A Society Director must be able to attend all Board and applicable committee meetings to be effective and to provide adequate representation. The days shown below are only an estimate and should not be considered absolute.

<table>
<thead>
<tr>
<th>Event</th>
<th>1st and 2nd yr Region Directors (days)</th>
<th>3rd yr Region Directors (days)</th>
<th>At-Large Directors (days)</th>
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<tr>
<td>Annual Conference including Board Meeting (October/November)</td>
<td>7</td>
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<td>Fly-In, OPAL, Spring Board Meeting (March/April)</td>
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<tr>
<td>Board Committee Meetings (as scheduled)</td>
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<tr>
<td>Executive Committee Meetings (primarily monthly conference calls)</td>
<td>0</td>
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<tr>
<td>Region Board Meetings</td>
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<tr>
<td>Leadership Conference (MRLC) (1st Qtr)</td>
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<td>Institute, Section, Branch, Student Chapter Meetings</td>
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<td>Meetings of external organizations</td>
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<tr>
<td>Miscellaneous Regional Activities, Committee and Task Group Assignments, Preparation, Coordination, and Planning</td>
<td>10</td>
<td>20</td>
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<tr>
<td><strong>Minimum expected total</strong></td>
<td><strong>47 days</strong></td>
<td><strong>63 days</strong></td>
<td><strong>23 days</strong></td>
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</table>

B. **Financial.** Financial requirements are also substantial. The Society generally reimburses Society Directors for reasonable transportation costs, plus $135 per authorized room night for meetings attended. The Society Director bears all other expenses including registration fees for the Annual Conference. There is no reimbursement for spouse travel. (See Bylaws and Rules of Policy and Procedure for specific guidelines.) Incoming Society Directors will be reimbursed for attendance at Board Orientation, but additional reimbursement begins with the Society Director’s attendance at the Fall Board meeting and Annual Conference.

There is also an expectation that each Society Director and Board member will support the ASCE Foundation financially, at some level, each year. The ASCE Foundation Board strives for participation from 100% of the Society Directors and Board members annually. The ASCE Foundation Board will keep the amount of all financial contributions made by Society Directors and Board members confidential.

III. **Training.** The Society’s Rules of Policy and Procedure state that a Candidate for the office of Society Director shall review and agree to the provisions of this document in order to proceed with nomination. Additionally, Candidates should attend a Board meeting if possible. Candidates should also attend a Region Board meeting and Leadership Conference. They should consult with the incumbent Society Director when considering candidacy and again after the election for transition. They should scan the *Official Register*, ASCE website, Policy Book, Constitution, Bylaws, Rules of Policy and Procedure, and Code of Ethics. Finally, the newly elected Society Director will attend Board Orientation prior to being installed.

IV. **Process.**

A. Obtain the nomination of the Region (for Region Directors) or the Board of Direction (for At-Large Directors). Procedures for obtaining the required nomination are detailed in the Society’s governing documents.

B. Provide a written acceptance letter (stating understanding of the Qualifications, Expectations and Training of Society Directors document, willingness to serve, consent of family and employer), to the Society’s Secretary prior to the March 15 due date.

C. Nominees shall provide to the Secretary of ASCE by the specified due date the required Statements for the specific office, and a current color photograph (head and shoulders only) for publication on the Society’s website. Information regarding the Biographical and Vision Statements may be found in the Rules of Policy and Procedure.
BOARD STANDING COMMITTEES

Audit Committee (AC)
Charles R. Spinks, P.E., M.ASCE, Chair
Kevin P. Carpenter, P.E., L.S., M.ASCE
Loras A. Klostermann, P.E., M.ASCE
Christopher J. Menna, P.E., F.ASCE
Peter Shavalay, Aff.M.ASCE, ASCE Staff Contact

Executive Committee (ExCom)
Randall S. Over, P.E., F.ASCE, Chair
Robert D. Stevens, Ph.D., P.E., F.ASCE, Vice Chair
Gregory E. DiLoreto, P.E., P.L.S., D.WRE, F.ASCE, Past President
Billy L. Edge, Ph.D., P.E., D.CE, Dist.M.ASCE
Jennifer B. Epp, P.E., M.ASCE
William P. Grogan, Ph.D., P.E., M.ASCE
Mark P. Rusnica, I.E., M.ASCE
Louis C. Aurigemma, P.E., F.ASCE, Treasurer
Patrick J. Natale, P.E., CAE, F.ASCE, Ex-Officio
Thomas W. Smith III, CAE, ENV SP, M.ASCE, Ex-Officio
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GENERAL INFORMATION

Membership
(As of September 30, 2013)

Through membership in ASCE, you are part of a community of more than 145,000 professionals who work to increase society’s understanding of the marvels of civil engineering.

Information on how to join ASCE is available at www.asce.org/join, how to renew at www.asce.org/renewal and how to advance at www.asce.org/advancemembership.

Membership Grades

Distinguished/Honorary Member .......................................................... 213
Fellows ................................................................. 5,115
Members ............................................................. 75,682
Associate Members ................................................................. 25,145
Affiliate Members ........................................................ 5,697
Student Members .................................................... 31,161
Institute-Only Members ................................................ 2,143
 ........................................................................ 145,156

Institute Membership

AEI ................................................................. 5,873
CI ................................................................. 15,952
COPRI ................................................................. 3,486
EMI ................................................................. 1,946
EWRI ................................................................. 22,596
G-I ................................................................. 10,912
SEI ................................................................. 25,232
TDI ................................................................. 15,529

Member Benefits

As an ASCE member, you are eligible for a wide variety of member-only discounts on conferences, continuing education courses and publications as well as participation in a host of other programs.

- Civil Engineering, the Society’s award-winning monthly magazine, is mailed to all members of ASCE with U.S. addresses, except students, at no separate charge. Additional print subscriptions must be ordered at the institution rate of $250. A digital edition is available at no charge to all members at www.civilengineering-digital.com. For international members to receive mailed copies, an annual air delivery service fee of U.S. $39 must be paid. Additionally, Civil Engineering magazine’s website, which was launched in October 2011, is available to all members at www.asce.org/cemagazine. The Web site provides new content on a weekly basis (going live each Tuesday). In addition to the monthly print content the magazine provides, the magazine publishes a new feature article and 6 to 10 news articles per week, providing members with a compelling mix of additional magazine content each week.

- The print edition of Civil Engineering carries news and features of current interest in the various fields of civil engineering. A wide variety of civil engineering projects and structures are described, usually illustrated by photographs and drawings. Manuscripts and other material from any civil engineer are considered, without regard to whether the contributor is a member of ASCE. Demand for space is such that only articles of exceptional value to a large proportion of the profession can be accepted. Manuscripts typically range from 3,000 to 12,000 words. A set of
guidelines for those submitting manuscripts is available. Independently prepared papers may be sent directly to the editor of *Civil Engineering* at 1801 Alexander Bell Drive, Reston, VA 20191-4382.

- Articles in *Civil Engineering* are eligible for consideration for Society prizes in accordance with the rules for the individual prizes (see Awards Section).
- Individual subscriptions are available to members of the Society, to members of Student Chapters, and to nonmembers. Single copies are $30.00 each.
- Reprints of articles may be obtained by arrangement with the Reprints Department; see the ASCE Publications Web site, www.asce.org/reprints.
- Annual volumes of Civil Engineering are available on microfilm from National Archive Publishing Company (NAPC), 300 N. Zeeb Rd., Ann Arbor, MI 48106. The magazine is indexed in the Civil Engineering Database.
- Information on rates and arrangements for placing advertising can be obtained from the Advertising Director at Society headquarters.
- *ASCE News* is available online at asce-news.asce.org. ASCE News concentrates on the activities of ASCE and those of its members, with the intent of promoting interest and participation in Society programs. In addition, this online publication serves to promulgate information about ASCE actions and policy. Special emphasis is given to member activities, programs, and profiles. News of national interest that may affect the profession is also featured. Members are encouraged to submit material or article ideas for editorial consideration to the editor of *ASCE News* at 1801 Alexander Bell Drive, Reston, VA 20191-4382.
- Join a community focused on providing valuable career support-member to member. Become a mentor or protégé and discover the rewards of personal guidance at your fingertips anytime, anywhere. Learn more about eMentoring at www.asce.org/mentoring.
- ASCE provides eLearning workshop series, free to all members. Each online workshop teaches engineers the critical career skills they need to succeed in the workplace. Join ASCE members at www.asce.org/elearning to view all current and archived webinars.
- ASCE’s Career Connections gives you one-stop shopping for career services, with nearly 500 high quality job postings and a searchable resume database at www.asce.org/careers.
- Participate in or purchase the Engineering Income and Salary Survey at www.asce.org/salaries. If you have already participated but have had a career change, new license or degree, or salary increase, update your survey information. This survey is the definitive guide on U.S. engineering compensation.
- Learn about the upcoming ASCE conferences in your practice area at www.asce.org/conferences.
- Find out how ASCE’s more than 300 continuing education programs can enhance your technical and management skills at www.asce.org/training.
- Browse ASCE’s more than 1,500 Standards, Manuals of Practice, Committee Reports, Proceedings, and ASCE Press titles, to stay at the leading edge of your profession at www.pubs.asce.org.
- Join more than 6,200 members who voluntarily serve on nearly 600 national committees, and enhance your professional development and leadership skills. Learn more at www.asce.org/committees.
- Join the tens of thousands of ASCE members who participate in ASCE’s member benefits programs, including life insurance, disability income insurance, dental insurance, long term care insurance, credit cards, auto insurance, auto rental discounts, financial advisory services, professional liability coverage. You can learn more at www.asce.org/benefits.
- Show your pride in ASCE membership with any of the high-quality items from the ASCE Gift Store at www.asce.org/giftstore.
- Contributions made to ASCE or the ASCE Foundation at www.asce.org/foundation may be tax deductible as a charitable contribution. Deductible contributions may include voluntary contributions made to the Society, portions of your dues, and certain unreimbursed expenses.
incurred while providing volunteer services to the Society. Consult your tax advisor regarding the specific application of tax laws.

- ASCE Partners Program offers organizations the opportunity to increase the support they provide to their engineering staff through a variety of packaged offerings. Find more information at www.asce.org/partners-program

**Engineers Without Borders USA**

ASCE and Engineers Without Borders USA (EWB-USA) entered into an Affiliation Agreement in 2007. The agreement pledged ASCE’s support to help EWB-USA further its objectives through financial support as well as taking on the organization’s administrative tasks, including: membership processing, information technology, accounting, and legal services.

EWB-USA is a non-profit humanitarian organization that partners with domestic and international community members to help improve the safety, health and welfare of the public.

ASCE members can join, renew and participate in EWB-USA at an exclusive member discount by visiting www.asce.org/renewal.

To learn more information on this partnership, members can visit www.asce.org/ewb-usa.

**Continuing Education**

The mission of ASCE’s Continuing Education Program is to provide exceptional, state-of-the-practice continuing education to ASCE members, other civil engineers, and other design/construction industry professionals throughout their careers. The Society conducts more than 200 live, face-to-face continuing education seminars and computer workshops across the country each year on a variety of technical and management topics. New courses are constantly being developed and existing programs updated in response to changing member needs and advances in technology. Participants earn Continuing Education Units (CEUs) and Professional Development Hours (PDHs) at all ASCE seminars and computer workshops to assist them in meeting states’ continuing professional competency requirements for P.E. license renewal.

In addition to its many public seminars, ASCE’s Continuing Education Program offers customized in-company training programs to assist private firms and government agencies in providing practice-oriented, cost-effective training which meets their goals and objectives.

ASCE offers many online learning programs to assist members in obtaining high quality, state-of-the-practice continuing education as conveniently and cost-effectively as possible. Current online learning offerings include: more than 350 live interactive webinars held annually; more than 250 on-demand webinars which are accessible online 24/7; and in-depth on-demand online courses. In addition, ASCE holds live, interactive review courses on the web for the P.E. Civil Exam, the P.E. Environmental Exam, and the S.E. Exam twice a year prior to the spring and fall exams.

Continuing Education information is available for ASCE Sections and Branches, including a Section/Branch Guide entitled “How to Organize Continuing Education Programs.” In addition, several options are available for Sections and Branches to partner with ASCE’s Continuing Education Program in meeting members’ professional development needs.

ASCE’s myLearning provides a convenient way for members to track their PDHs, create transcripts, search for relevant continuing education programs, and access ASCE’s Continuing Education Programs.

ASCE’s Continuing Education Program is a source for information on current professional development issues, such as mandatory continuing professional development and continuing professional development credits [Professional Development Hours (PDHs) and Continuing Education Units (CEUs)]. ASCE’s Continuing Education Program is a member of the International Association for Continuing Education and Training (IACET), is an IACET-authorized Continuing Education Provider, and complies with the ANSI/IACET Continuing Education Standard. The Society’s Continuing Education Program also follows NCEES guidelines on continuing professional competency. For additional information on ASCE’s Continuing Education Program, please go to http://www.asce.org/knowledge-learning/continuing-education/.
Critical Infrastructure

The Committee on Critical Infrastructure shall develop and implement activities related to the resilience and risk reduction of critical infrastructure.

CCI Vision: ASCE is a recognized leader in incorporating resilience into all-hazard preparedness (planning, design, procurement, construction, operation and maintenance), mitigation, response, and recovery of critical infrastructure.

CCI Mission: CCI provides insight and guidance to ASCE on its internal and external activities related to critical infrastructure resilience. CCI identifies, influences, and facilitates ASCE’s role in critical infrastructure activities.

CCI Goals:
- Promote awareness in ASCE and the general public regarding sensible security and critical infrastructure resilience via planning; design; preparedness; procurement; construction; operation and maintenance; and response, mitigation, and recovery from multihazard conditions
- Provide structure, policies, and procedures for ASCE responses to events of national and/or international significance
- Ensure that ASCE maintains its proactive leadership role in key national critical infrastructure issues, via internal and external coalitions, as appropriate
- Facilitate the development of standards, guidelines, and standards of practice to develop critical infrastructure resiliency to multihazard conditions
- Evaluate the need for specialty certification for engineers involved with disaster management

CCI has developed working definitions related to critical infrastructure as follows:
- Critical infrastructure includes systems, facilities, and assets so vital that their destruction or incapacitation would have a debilitating impact on national security, the economy, or public health, safety, and welfare. Critical infrastructure may cross political boundaries and may be built (such as structural, energy, water, transportation, and communication systems), natural (such as surface or ground water resources), or virtual (such as cyber, electronic data, and information systems).
- All-hazards include events and conditions such as infrastructure deterioration, natural disasters, accidents, and malevolent acts that have the potential to cause injury, illness, death, damage, or disruption of services.
- Multihazards denote the relevant environmental or manmade conditions that are used for engineering analysis and design. A sound multihazard approach to engineering practice will provide infrastructure resilience to all-hazards risks.
- Resilience refers to the capability to mitigate against significant all-hazards risks and incidents and to expeditiously recover and reconstitute critical services with minimum damage to public safety and health, the economy, and national security.

ASCE is currently involved in a variety of critical infrastructure related activities. For additional information visit http://ciasce.asce.org.

ASCE Archives

Mission Statement: To promote knowledge and understanding of the rich history of the American Society of Civil Engineers and the civil engineering profession-their origins, core values, ethics, people, projects and programs.

As the oldest national professional engineering society, the American Society of Civil Engineers’ core purpose is to advance the art, science and profession of engineering to enhance the welfare of humanity. The formal establishment of the ASCE Archives facilitates the achievement of this objective by promoting knowledge and understanding of the rich history of the civil engineering field in addition to the origins, aims, programs and goals of the Society itself. The ASCE Archives will support the vision, mission, goals and objectives of the Society as captured in the Strategic Plan. More pointedly, the ASCE Archive will further the objectives of “increase[ing] the public’s awareness and appreciation of the profession’s contributions to society” and “celebrat[ing] members’ achievements and publiciz[ing] their contributions to society.” (2000 ASCE Strategic Plan).
Cybrarian Service

The Cybrarian Service was established to assist civil engineers from around the world to do their work. As a Web-based research service, anyone who can connect to the Web can request research help when they are starting a new project, researching an issue, or presenting a bid for a proposal. For civil engineers who do not have easy access to research facilities, this service provides a cost-effective alternative for them in their daily activities. Since the cost of the Service is based on the amount of research time requested, the engineer can control their expenses. In addition, ASCE members get 30 minutes of free research time when they use the service. For a reasonable fee, anyone can request research assistance by sending an email to cybrarian@asce.org.

International Activities

International Partnerships and Participation

ASCE is one of the three founding organizations of the Asian Civil Engineering Coordinating Council (ACECC), together with the Japan Society of Civil Engineers (JSCE) and the Philippine Institute of Civil Engineers (PICE). The ACECC provides the Secretariat for the Civil Engineering Conference in the Asian Region (CECAR), held every three years in one of the nine countries participating in ACECC. Read more about ACECC at www.acecc.world.org

ASCE is involved in the World Federation of Engineering Organizations (WFEO) through its membership in the American Association of Engineering Societies (AAES), the U.S. national Member. WFEO represents engineering organizations in more than 70 countries with a combined membership of over 15 million engineers. Although it is a multidisciplinary organization, the most common discipline within both the membership and leadership structure is Civil Engineering. More information is available at www.wfeo.org.

ASCE, ASME and NSPE have signed a Memorandum of Understanding to be the representatives to the Pan American Union of Engineering Organizations (UPADI). The purpose of this joint activity is to further the interests of U.S. engineers and establish stronger ties within the western hemisphere. For more information, go to www.upadi.org.br.

ASCE has an “observing” organization status with the European Council of Civil Engineers (ECCE). Details are available at www.ecceengineers.eu.

International Groups

International Groups of the American Society of Civil Engineers are formed to provide civil engineers in other countries with opportunities for group activities related to their profession. The purpose of an International Group is to promote technical and professional development of ASCE members residing or visiting a country through meetings and other forms of communication, through study of local engineering practice, and through contact with ASCE World Headquarters; to achieve closer personal acquaintance and spirit of cooperation among engineers; and to cooperate with other local engineering societies in matters of common interest, and to assist in attaining the objectives of ASCE.

Brazil, Area: All Brazil
Rolando Gaal Vadas, Rua Jeronimo da Veiga 305 Ap. 171, 04536-001 Sao Paulo - SP, Brazil, gvdas.ops@terra.com.br

Ecuador, Area: All Ecuador
Hugo E. Landivar Jr., M.ASCE, President, Grupo Consultor FVL, Ltda, Saques 1MZ,F34 Villa 1 Ave Agustin Freire, Guayaquil, 905212 ECU, fvl1@cablemodem.com.ed

Iraq, Area: All Iraq
Omar Al-Farouk Al-Damluji, Ph.D., CP, M.ASCE, President, omaraldamluji@yahoo.com
Ala H. Al-Kazzaz, Alf.M.ASCE, Secretary, Ainkawa, Erbil, 00000 IRQ, amkazzaz@yahoo.com

Italy, Area: All of Italy
Bill Bersing, D.M., P.E., M.ASCE, President, Via San Michele 11, Trieste, 0 34126 ITA, bill@ispeu.com; Gianluca Ceschini, Vice President, via Lattanzio 66 none, Rome, Italy 00136 ITA, g.ceschini@tecaq.com; Karoline Jean Steckley, Administrative Staff, Via Corelli 6, Trieste, Trieste 34100 ITA, karolinesleckley@gmail.com

Jordan, Area: All Jordan
Abdallah I. Husein Malkawi, President, Po Box 2654, IRBID, JOR, mhusein@just.edu.jo
Kenya, Area: All Kenya
Vaizman Aharoni, P.E., F.ASCE, President, PO BOX 18693, NAIROBI, 0500 KEN, aharoniwig@nbi.ispkenya.com

Kuwait, Area: All Kuwait
Afrah J. Alsaeedi, A.M.ASCE, President, Sulibikhat Area Block # 4, Street # 115 House # 27, Kuwait, 00965 KWT, afrah.alsaeedi@live.com

Lebanon, Area: All Lebanon
Makram T. Suidan, M.ASCE, President, makram.suidan@uc.edu; Bachir Zaouk, Ph.D., C.Eng, M.ASCE, Vice President, P.O. Box 450, Tripoli, LBN, bzaouk@gmail.com; Antoine N. Gergess, Ph.D., P.E., F.ASCE, Secretary, tgeorges@balamand.edu.lb; John S. El Khoury, Ph.D., P.E., M.ASCE, Treasurer, john.hokies@gmail.com; Abdul M. Alameddine, C.Eng, M.ASCE, Contact, P O Box 2536, El-Mina - Tripoli, LBN, munim@balamand.edu.lb

New Zealand, Area: All New Zealand
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Pakistan, Area: All Pakistan
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Peru, Area: All Peru
Leonardo A. Alcayhuaman, C.Eng, A.M.ASCE, President, Calle Miami Mz X LT D-14, Lima, 51-1 PER, lalcyayhuaman@urp.edu.pe

South Korea, Area: All South Korea
Chun-Su Chon, Ph.D., P.E., F.ASCE, President, B-209, Doosan We’ve Pavilion 7 Jungja-Dong, Bundang-Gu, Songnam-si, Kyunggi-, 463-843 KOR, cchon@hitel.net

Taiwan, Area: All Tawan
Edward H. Wang, Ph.D., P.E., S.E., M.ASCE, President, Minghsin University of Science and Technology, No. 1 Hsin Hsin Rd, Hsin-Feng, 30404 TWN, ewang@must.edu.tw; Chuan-Jui Lin, P.E., M.ASCE, Vice President, 22 Min-Loh St (2nd Fl) Yung-Ho City, Taipei County 234, TWN

Turkey, Area: All Turkey
Ahmet Saglam, P.E., M.ASCE, President, Istanbul Technical University, Civil Engineering Department Maslak Campus, Istanbul, 34390 TUR, asaglam@itu.edu.tr

United Kingdom, Area: All United Kingdom
Carlos A. Brebbia, Ph.D., P.E., F.ASCE, President, Wessex Institute of Technology, Ashurst Lodge Southampton, Southampton, SO6 1AA GBR, carlos@wessex.ac.uk

International Sections
ASCE International Sections provide the opportunity for civil engineers to attend technical sessions, brainstorm to solve common problems such as local legislative issues and management challenges, network at meetings, expand their circle of professional contacts and develop their leadership skills.

Information on ASCE’s 18 International Sections can be found under the Organization of Membership section in the Official Register.

International Agreements of Cooperation
International Agreements of Cooperation create a mutual relationship among professional engineering organizations to stimulate the exchange of technical, scientific and professional information.

To date, ASCE has entered into 75 Agreements of Cooperation in 62 countries.

Argentina Center of Engineers (CAI), Cerrito 1250, 1010 Buenos Aires, C1010 AAZ, Argentina, Phone: (54)-11-4810 0408, Fax: (54)-11-4811-4133, www.cai.org.ar, Email: cai@cai.org.ar

Argentina Federation of Civil Engineering (FADIC), Alsina 424, 1 Piso, 1087 Buenos Aires, Argentina, Phone: (54)-11-4334-0086, Fax: (54)-11-4334-0088, www.cpic.org.ar, Email: correos@cpic.org.ar

Argentine Union of Associations of Engineers (UADI), Cerrito 1250, 1010 Buenos Aires C1010 AAZ, Argentina, Phone: (54)-11-4811-4133, Fax: (54)-11-4811-4133, www.uadi.org.ar, Email: uadi@cipba-lp.org.ar; uadi@cai.org.ar
GENERAL INFORMATION

Institution of Professional Engineers New Zealand (IPENZ), Ground Floor, Engineers New Zealand, 158 The Terrace, Wellington, New Zealand, Phone: (64)-4-473-9444, Fax: (64)-4-474-8933, www.ipenz.org.nz, Email: ipenz@ipenz.org.nz

Nigerian Institution of Civil Engineers (NICE), The Nigerian Society of Engineers, National Engineering Center, Off National Mosque/Labor House Road/Central Business District, P.M.B. 13866, Wuse, Abuja, Nigeria, Phone: 234 (9) 6735096, Email: es@nse.org.ng

The Norwegian Society of Chartered Technical and Scientific Professionals (TEKNA), P.O. Box 2312, Solli, N-0210 Oslo, Norway, Phone: (47) 22 94 75 00, Fax: (47) 22 94 75 01, www.tekna.no, Email: post@tekna.no

Institution of Engineers, Pakistan (IEP), 5th Floor, Engineering Centre, Liberty Round About, Gulberg-II, Lahore 54660, Pakistan, Phone: (92)-42-3575-6974, Fax: (92)-42-575-9449, www.iep.com.pk, Email: iephq@brain.net.pk


Pakistan Engineering Council (PEC), Ataturk Avenue (East), Sector G-5/2, Islamabad, Pakistan, Phone: (92-51) 282-9348, Fax: (92-51) 227-6224, www.pec.org.pk, Email: registrar@pec.org.pk

Pakistan Engineering Council (PEC), Ataturk Avenue (East), Sector G-5/2, Islamabad, Pakistan, Phone: (92-51) 282-9348, Fax: (92-51) 227-6224, www.pec.org.pk, Email: registrar@pec.org.pk

Panamanian Society of Engineers and Architects (SPIA), Apartado 0816-01116, Panama 5, Panama, Phone: (507) 269-7734/35, Fax: (507) 223-7265, www.spia-pma.org, Email: spiaadmin@spia-pma.org

Institution of Professional Engineers of Peru (CIP), Av. Arcoqupa N°4947, Miraflores, Lima, Peru, Phone: (51)-1-445-6540, Fax: (51)-1-446-6997, www.cip.org.pe, Email: cip@cip.org.pe

Philippine Institute of Civil Engineers (PICE), 4 Albany Street, Aurora Cubao, Quezon City 1109 Philippines, Phone: (632) (02) 709-3936 to 38, Fax: (632) (02) 437-2472, www.pice.org.ph, Email: piceadmin@pice.org.ph

Polish Association of Civil Engineers and Technicians (PZITB), Swietokrzyska 14, Headquarters 00-050 Warsaw, Poland, Phone: (48)-22826-1422, Fax: (48)-22-826-8634, www.pzitb.org.pl, Email: biuro@pzitb.org.pl

Polish Chamber of Civil Engineers (PIIB), ul. Mazowiecka 6/8, 00-048 Warszawa, Poland, Phone: (48)-22-826-3189, Fax: (48)-22-827-0751, www.piib.org.pl, Email: biuro@piib.org.pl

Order of Engineers-Portugal, Av. Sidonio Pais 4E, 1050-212, Lisbon, Portugal, Phone: (351)-21-313-2600, Fax: (351)-21-352-4632, www.ordemengenheiros.pt, Email: secretariageral@ordemengenheiros.pt

Russian Society of Civil Engineers (RSCE), # 614, 13 Kalanchevskaya St., 107078, Moscow, Russia, Phone: (7)-495-984-50-56, rus@rois.ru, Email: rois@bk.ru

Slovak Chamber of Civil Engineers (SKSI), Mytna 29, P.O. Box 10-810-05, Bratislava, Slovakia, Phone: (421)-2-52 495 042, Fax: (421)-2-52 444 093, www.sksi.sk, E-mail: sksi@sksi.sk

South African Institution of Civil Engineering (SAICE), Private Bag X200, Halfway House 1685, Midrand, South Africa, Phone: (27)-11-805-5947, Fax: (27)-11-805-5971, www.saice.org.za, Email: civilinfo@saice.org.za

Swiss Society of Engineers and Architects (SIA), Selnaustrasse 16/Postfach, CH-8001 Zurich, Switzerland, Phone: (41)-44-283-1515, Fax: (41)-44-283-1516, www.sia.ch, Email: contact@sia.ch

Swedish Professionals For The Built Environment, Box 16132, 103 23, Drottninggatan 33, Stockholm, Sweden, Phone: (46)-8-545 217 50, www.samhallsbyggarna.org, Email: olof.johansson@samhallsbyggarna.org

Swiss Society of Engineers and Architects (SIA), Selmastrasse 16/Postfach, CH-8001 Zurich, Switzerland, Phone: (41)-44-283-1515, Fax: (41)-44-283-1516, www.sia.ch, Email: contact@sia.ch

Institution of Engineers Tanzania (IET), P.O. Box 2938, Dar es Salaam, Tanzania, Phone: (255) 22-212-4265, Fax: (255) 22-212-4265, www.iet.co.tz, Email: info@iet.co.tz
Meetings and Conferences

2014 Meetings and Conferences

Information on any of the conferences listed below may be obtained by accessing the ASCE website at www.asce.org/conferences/.

Regions 3, 6 & 9 Leadership Conference
January 9 - 11, 2014
Hilton St. Louis at the Ballpark, St. Louis, MO

Regions 8 & 9 Leadership Conference
January 30 - February 1, 2014
Renaissance Phoenix Downtown, Phoenix, AZ

Regions 1, 2, 4 & 5 Leadership Conference
February 6 - 8, 2014
Marriott Indianapolis, Indianapolis, IN

GI: Geo-Congress 2014
February 23 - 26, 2014
Westin Peachtree Plaza, Atlanta, GA

OPAL: Spring Events 2014
March 17 - 22, 2014
Renaissance Arlington Capital View Hotel, Arlington, VA

SEI: Structures Congress 2014
April 3 - 5, 2014
Sheraton Boston Hotel & Hynes Convention Center, Boston, MA

EWRI: EWRI Congress 2014
June 1 - 5, 2014
Doubletree by Hilton Hotel Portland & Oregon Convention Center, Portland, OR

T&D: T&D Congress 2014
June 8 - 11, 2014
Buena Vista Palace Hotel & Spa, Orlando, FL

ASCE Shale Energy Engineering Conference 2014
July 21 - 23, 2014
Westin Convention Center Pittsburgh Hotel & David L. Lawrence Convention Center, Pittsburgh, PA

ASCE Pipelines Conference 2014
August 3 - 6, 2014
Doubletree by Hilton Hotel Portland & Oregon Convention Center, Portland, OR

ASCE International Conference on Sustainable Infrastructure 2014 (ICSI)
Nov 6 - 8, 2014
Renaissance Long Beach Hotel, Long Beach, CA

Future Dates and Locations of the Annual Civil Engineering Conference

ASCE Global Engineering Conference 2014
October 7 - 11, 2014
Riu Plaza Panama Hotel, Panama City, Panama

ASCE 145th Annual Civil Engineering Conference
October 11 - 14, 2015
Marriott Marquis Hotel, New York, NY

ASCE 146th Annual Civil Engineering Conference
October 2016
Past National Meetings

Annual meetings and annual conventions held prior to 1950 are omitted from this list. They are listed in the 1985 Official Register.

Los Angeles, CA April, 1950 New Orleans, LA (WR) Feb., 1969
Toronto, CANADA July, 1950 Louisville, KY (S) April, 1969
Houston, TX Feb., 1951 Chicago, IL (E) Oct., 1969
Louisville, KY June, 1951 Memphis, TN (WR) Jan., 1970
New York, NY Oct., 1951 Portland, OR (S) April, 1970
New Orleans, LA March, 1952 Boston, MA (T) July, 1970
Chicago, IL Sept., 1952 Phoenix, AZ (WR) Jan., 1971
San Francisco, CA March, 1953 Baltimore, MD (S) April, 1971
Miami Beach, FL June, 1953 Seattle, WA (T) July, 1971
Atlanta, GA Feb., 1954 Atlanta, GA (WR) Jan., 1972
Atlantic City, NJ June, 1954 Cleveland, OH (S) April, 1972
San Diego, CA Feb., 1955 Houston, TX (E) Oct., 1972
St. Louis, MO June, 1955 Washington, DC (WR) Jan., 1973
New York, NY Oct., 1955 San Francisco, CA (S) April, 1973
Dallas, TX Feb., 1956 Tulsa, OK (T) July, 1973
Pittsburgh, PA Oct., 1956 Los Angeles, CA (WR) Jan., 1974
Jackson, MS Feb., 1957 Cincinnati, OH (S) April, 1974
Buffalo, NY June, 1957 Montreal, CANADA (T) July, 1974
Chicago, IL Feb., 1958 New Orleans, LA April, 1975
Portland, OR June, 1958 Denver, CO Nov., 1975
New York, NY Oct., 1958 San Diego, CA April, 1976
Cleveland, OH May, 1959 Dallas, TX April, 1977
New Orleans, LA March, 1960 Pittsburgh, PA April, 1978
Reno, NV June, 1960 Chicago, IL Oct., 1978
Boston, MA Oct., 1960 Boston, MA April, 1979
Phoenix, AZ April, 1961 Atlanta, GA Oct., 1979
Houston, TX Feb., 1962 Hollywood, FL Oct., 1980
Atlanta, GA (E) Feb., 1963 Las Vegas, NV April, 1982
Cincinnati, OH (T) Feb., 1964 Houston, TX Oct., 1983
Salt Lake City, UT (E) May, 1964 Atlanta, GA May, 1984
Mobile, AL (WR) Mar., 1965 Denver, CO April, 1985
Minneapolis, MN (T) May, 1965 Detroit, MI Oct., 1985
Kansas City, MO (E) Oct., 1965 Seattle, WA April, 1986
Miami Beach, FL (S) Feb., 1966 Boston, MA Oct., 1986
Denver, CO (WR) May, 1966 Atlantic City, NJ April, 1987
Dallas, TX (E) Feb., 1967 Nashville, TN May, 1988
Seattle, WA (S) May, 1967 St. Louis, MO Oct., 1988
San Diego, CA (T) Feb., 1968 San Francisco, CA Nov., 1990
General Information

Dallas, TX Oct., 1993 Atlanta, GA Oct., 1994
Houston, TX Oct., 2001 Montreal, CANADA Oct., 2012
Nashville, TN Nov., 2003

(WR) = Water Resources Engineering; (T) = Transportation Engineering; (E) = Environmental Engineering; and (S) = Structural Engineering.

Publications

The Society issues publications of the following types in print and/or electronic forms: Civil Engineering magazine; the ASCE annual report; the annual Transactions of ASCE; the annual Official Register; journals and practice periodicals; conference proceedings; standards; manuals and reports on engineering practice; committee technical reports; ASCE Press; wall calendar; engineer, owner, and construction-related contract documents; and special publications. Catalogs of publications of the Society are available from the Publications Marketing Department. Information is also available online at http://www.asce.org/pubs.

Annual Report of the Board of Direction

An annual report is published on the Society’s Web site (www.asce.org/About-ASCE). The report covers such areas as technical activities, publications, professional activities, geographic services, administration, public information activities, research, and finances. It permits a quick study of the scope of Society activities, and provides an excellent means of noting progress being made in fulfilling ASCE’s objective of “advancement of the science and profession of engineering.” By publication and wide distribution of the annual report, the Board of Direction hopes to stimulate more active participation by all members in Society affairs so that ASCE can continue to meet the professional challenges of serving people better. A summary report, including the financial statement, is included in Civil Engineering magazine, a copy of which is mailed to every member with a U.S. address and is also available online for all members.

Transactions of ASCE

Transactions of ASCE provides information on selected material published in the course of one year. It contains the President’s annual address; abstracts of papers and technical notes published in journals and feature articles published in Civil Engineering magazine; abstracts of books and ebooks; and indexes. Transactions also includes memoirs of deceased ASCE members, which are prepared by local sections and individuals. Transactions can be ordered through the ASCE online bookstore, http://www.asce.org/bookstore.

Official Register

The Official Register annually compiles authoritative Society data and statistics. Print copies may be purchased through the ASCE bookstore (www.asce.org/bookstore) or by calling 1-800-548-ASCE (2723). The complete Official Register can be downloaded without charge at www.asce.org/offreg.

Journals and Periodicals

The technical and professional journals of the Society are the media through which independent researchers report their experiences and the results of their studies for the advancement of the civil engineering profession. Papers and Discussions are carefully peer-reviewed for possible publication in one of 33 ASCE journals and periodicals. No advertising is accepted for inclusion in the journals, and extraordinary vigilance is exercised to avoid the dissemination of material that can be classified as advocating special interests.
The ideal paper for a journal reports thought-provoking results of a study advancing new ideas in the planning, analysis, design, construction, or maintenance of civil engineering works, or a comprehensive state-of-the-art review for widespread discussion. The journals can be thought of as forums for the exchange of technical information.

Technical notes provide a way of publishing original, practical information, preliminary or partial results of research, concisely presented research results, and innovative techniques by which to accomplish design objectives. Technical notes must meet all of the basic requirements for papers.

Authors or coauthors, whether or not they are members of the Society, may submit worthwhile manuscripts for review and possible publication. Such papers may be presented at meetings of the Society, but relatively informal papers, prepared exclusively for meeting presentation, are not usually reviewed for publication in the journals. Details concerning standards of acceptance for journal papers are available online through the ASCE Author’s Resource Center at http://ascelibrary.org/page/authors. The primary review of papers and discussions is the responsibility of the several divisions, councils, institutes, and committees; the Society’s staff is responsible for managing the peer-review process and any editing necessary to produce a publication commendable in accuracy and appearance.

Journals and periodicals are published monthly, bimonthly, or quarterly. All papers are published in print and online.

A high standard of acceptance is set for papers to be included in the journals. The intent is that only those papers that deserve publication by the Society will be accepted. The suggested maximum length of a paper is 10,000 words or word-equivalents.

Reprints: Authors can order reprints of a journal paper using the online form at the ASCE Publications Web site, www.asce.org/reprints.

Subscriptions: The annual subscription rates for Society members/students and institutions are listed below. All journal subscriptions are entered on a calendar year basis, except Civil Engineering, which may start with any issue. The journal rates quoted are applicable only for orders received before or during the year of publication. For prior years, subscriptions will be charged at the current year’s subscription rate. These prices are subject to change without notice.

### 2014 Print Subscription Rates

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General Information

Domestic rates apply only to the U.S. and possessions. Foreign rates apply for all other countries and include air delivery service.

Domestic members receive one gratis subscription to Civil Engineering as part of their membership. For members with international addresses to receive mailed copies of Civil Engineering, an annual air delivery service fee of $39 U.S. dollars must be paid. Additional subscriptions must be ordered at the nonmember rate.

### 2014 Online Subscription Rates

| Journal                                                        | Member | Institution |
|                                                               | Online Only | Print + Online | Online Only | Print + Online |
|                                                               | Domestic | Int’l | Domestic | Int’l |
| Bridge Engineering                                            | $765    | $1,191 | $1,251 | $191   | $298 | $358 |
| Construction Engineering and Management                       | $1,010  | $1,573 | $1,633 | $253   | $393 | $453 |
| Engineering Mechanics                                         | $1,263  | $1,966 | $2,026 | $316   | $492 | $552 |
| Environmental Engineering                                     | $1,200  | $1,870 | $1,930 | $300   | $468 | $528 |
| Geotechnical & Geoenviromental Engineering                   | $1,201  | $1,870 | $1,930 | $300   | $468 | $528 |
| Hydraulic Engineering                                        | $1,328  | $2,069 | $2,129 | $332   | $517 | $577 |
| Hydrologic Engineering                                       | $860    | $1,339 | $1,399 | $215   | $335 | $395 |

*Domestic rates apply only to the U.S. and possessions. Foreign rates apply for all other countries and include air delivery service.

*Domestic members receive one gratis subscription to Civil Engineering as part of their membership. For members with international addresses to receive mailed copies of Civil Engineering, an annual air delivery service fee of $39 U.S. dollars must be paid. Additional subscriptions must be ordered at the nonmember rate.

## 2014 Online Subscription Rates

See the price list below for annual online-only and print-and-online subscription rates.
GENERAL INFORMATION

<table>
<thead>
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<th>Journal</th>
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*Note: Leadership and Management in Engineering will be discontinued in 2014. The digital archive (2001-2013) will be made available free in the ASCE Library at http://ascelibrary.org/journal/lmeeaz.
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Standards

In April 1980, the Board of Direction approved ASCE Rules for Standards Committees to govern the writing and maintenance of standards developed by the Society. All such standards are developed by a consensus standards process managed by the Codes and Standards Activities Committee. The consensus process includes balloting by the balanced standards committee made up of Society members and nonmembers, balloting by the membership of ASCE as a whole, and balloting by the public. All standards are updated or reaffirmed by the same process at intervals not exceeding five years. Information about the ASCE standards program is available online at http://www.asce.org/codesandstandards. Standards can be purchased through the ASCE online bookstore at http://www.asce.org/bookstore.

Manuals and Reports on Engineering Practice

In February 1962, the Board of Direction voted to establish: “A series entitled ‘Manuals and Reports on Engineering Practice,’ to include the manuals published and authorized to date, future manuals of professional practice, and reports on engineering practice. All such manual or report material of the Society would have been refereed in a manner approved by the Board Publications Committee and would be bound, with applicable discussion, in books similar to past manuals. Numbering would be consecutive and would be a continuation of present manual numbers. In some cases of reports of joint committees, bypassing of journal publication may be authorized.” Manuals can be purchased through the ASCE online bookstore at http://www.asce.org/bookstore.

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Special reports prepared by the technical and professional committees of ASCE may be published as individual volumes. Approval by the appropriate division, council, or institute executive committee is required for publication. Technical reports can be ordered through the ASCE online bookstore, http://www.asce.org/bookstore.
ASCE Press

ASCE Press, a publishing imprint of ASCE, is a traditional scientific/technical publisher. ASCE Press publishes a select number of carefully chosen, applications-oriented books for civil engineers and offers quality production, targeted marketing, and competitive royalties to its authors. For submission guidelines, contact Acquisitions Editor, ASCE Press, 1801 Alexander Bell Drive, Reston, VA 20191; phone (703) 295-6275; e-mail ascepress@asce.org; online www.asce.org/ascepress/proposals.

Convention and Conference Papers

On application, in advance, by a division Executive Committee or an institute Governing Board, the papers presented at national conventions and specialty conferences may be offered for sale as a proceedings publication. ASCE conference papers are also included in the online ASCE Library; the digital archive includes all conference proceedings published since 2000 and selected proceedings since 1996.

ASCE Bridges Wall Calendar

Each year, the ASCE Bridges wall calendar features magnificent, full-color photographs of a dozen of the world’s most spectacular bridges. The calendar includes historical or technical information about each bridge and day spaces large enough to write in. Single copy price is $12.95; two or more are $10.00 each. Shipping and handling are extra. Bulk quantity and imprinted copies are available. Preview the calendar at http://www.asce.org/calendar. The calendar can be purchased through the ASCE online bookstore (http://www.asce.org/bookstore) or by calling ASCE Customer Service at 1-800-548-ASCE (2723).

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ASCE distributes contract documents/forms of agreement prepared by the Engineers Joint Contract Documents Committee and published by the American Society of Civil Engineers, the American Consulting Engineers Council, and the National Society of Professional Engineers. Contract documents come as Microsoft Word files that can be immediately downloaded or purchased on a CD-ROM. To purchase, visit www.asce.org/contractdocuments.

Databases

ASCE Library

The ASCE Library (http://ascelibrary.org) is the world’s largest full-text database of civil engineering research and practical publications. It offers unprecedented online access to more than 100,000 technical and professional papers—980,000 pages of content. More than 7,000 papers are added annually. Access to the ASCE Library begins at http://ascelibrary.org.

The ASCE Library contains:

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The Civil Engineering Database (CEDB) is a comprehensive and free electronic database that contains more than 200,000 bibliographic records of publications by ASCE with coverage from 1872 to the present. Abstracted records for journal papers go back to 1970. Older publications are regularly added to CEDB. CEDB is updated monthly, adding approximately 400 new records per update. This database helps civil engineers and researchers search through large quantities of information and find references to articles of specific interest. Records provide bibliographic data such as author, title, subject headings, and other publication information. Abstracts are provided for journal articles, most conference proceedings papers, Civil Engineering magazine feature articles, and books. The CEDB links discussions, closures, and errata to their original papers. Records also link to the digital ASCE Library for full-text articles, as well as to Rightslink for online permissions. In addition, CEDB provides links for purchasing nondigital materials that are in print. CEDB is located on the Web at http://cedb.asce.org.

Communications

A primary goal of the Society is to build support for the civil engineering profession through increased public awareness and understanding.

A key element of the public communications effort is the generation of news stories about civil engineering and infrastructure in newspapers, magazines, online and on television and radio. In an effort to build support for infrastructure renewal and increase ASCE’s profile in the public policy arena, the Society produces its periodic Report Card for America’s Infrastructure. This effort receives tremendous media coverage and results in public opinion leaders citing ASCE as an authority on infrastructure and policy issues. The success of the 2013 Report Card for America’s Infrastructure and the 2012 Failure to Act reports was in part due to media relations outreach and the subsequent media coverage. ASCE also gains positive media coverage of the Society’s technical standards, annual conference, specialty conferences, awards and events, such as the National Concrete Canoe Competition. ASCE also effectively responds to breaking news. These efforts enable the Society to tell a positive story of how civil engineers are shaping our world for the better. Another way the Society works to gain positive coverage is through ASCE’s participation in Inside Science, a news service that produces short segments each month on various science, technology, engineering and mathematics related topics for local television stations across the country.

A related program is the ASCE Excellence in Journalism Award, which honors journalists working for newspapers, radio and television stations, magazine and electronic and Web-based news outlets. The award is intended to highlight those stories that enhance the public understanding of the role and impact of civil engineering in designing solutions for clean water, transportation, the environment and
other public works. Past winners have been reporters with CNN, New York Times, Washingtonian Magazine, The Sacramento Bee and Fort Worth Star-Telegram.

ASCE communications also benefits members by providing public relations counsel and hands-on media and speech training to Sections and Branches, as well as advising individual members in their efforts to promote civil engineering. In 2007, ASCE introduced PR University and the PR Toolkit, part of a program designed to provide ASCE Sections and Branches with enhanced PR training and resources.

In other important initiatives, ASCE promotes civil engineering through its National and International Historic Civil Engineering Landmarks program and the acclaimed Outstanding Civil Engineering Achievement Award program. Civil engineers have an exciting story to tell, and these awards draw international attention to their immense accomplishments.

**National Engineers Week**

Engineers Week is celebrated annually to raise public understanding and awareness of engineer’s contributions to society. Engineers Week volunteer outreach activity is central to the celebration, helping to ensure a diverse and well-educated future engineering workforce by increasing understanding of and stimulating interest in engineering and technology careers among students and by promoting pre-college literacy in math and science. ASCE is a founding member of the National Engineers Week Foundation and a standing member of the National Engineers Week Steering Committee. As a leader in this national outreach program, ASCE is strongly committed to its own members, providing information and resources to help them plan outreach celebrations and connect with the broader national outreach campaign. In 2013, ASCE held the New Faces of Civil Engineering recognition program for engineers 30 and younger, as well as the New Faces collegiate edition to recognize engineering students. Information about ASCE’s Engineers Week programming and resources is available at www.asce.org/eweek. Engineers Week will be celebrated February 17 - 23. Co-chairs are the National Council of Examiners for Engineering Surveying (NCEES) and Lockheed Martin. For information about this year’s national Engineers Week programs, visit www.engineersweek.org.

**K-12 Outreach**

Looking to inspire the next generation of civil engineers? ASCE provides members with high quality outreach resources and evidence-based strategies that incorporate tested messaging to engage students. Whether employed during a single classroom visit or a series of larger scale events, ASCE offers a full suite of preK - 12 resources and programs intended to raise awareness and inspire curiosity about engineering.

In addition to informing kids, parents, educators and the general public about careers in civil engineering and the important role civil engineers play in the world around us, pre-college pre-college outreach help students see firsthand what the engineering design process is all about and see the challenges and opportunities that are possible in this exciting career field. ASCE’s activities and programs build excitement about engineering for kids in the early grades through fun, simple, engineering related activities, then build on this with information about more in-depth engineering concepts and career opportunities for kids in middle school through high school.

Age appropriate resources that promote civil engineering, include Curious George Let’s Build! (grades preK - 1), ASCEville, a fun, interactive website for students in grades 3 - 7, ASCE’s popular Career Fair-in-a-Box (grades 6 - 12), and Civil Engineering Club™ for high school students. Free and low cost activity guides, brochures, handouts and give-a-ways are now available online at www.asce.org/precollege-resources. To get started as a volunteer, visit www.asce.org/outreach/K-12-Outreach/ For questions about ASCE’s Pre-College Outreach program and member training opportunities, or to get one-on-one guidance about planning and executing successful out-reach events, email: outreach@asce.org.

**Diversity Programs**

ASCE’s diversity programs keep you abreast of trends, solutions, and programs to actively promote and support inclusiveness within the Society and the profession. ASCE’s Committee on Diversity and Inclusion (CDI) and Institutes, Sections, and Branches engage members by supporting divergent perspectives and explorations of challenges associated with increasing workforce diversity, including the publication Diversity by Design—Guide to Fostering Diversity in the Civil Engineering Workforce.
ASCE also maintains strategic partnerships with the National Society for Black Engineers (NSBE), the Society of Hispanic Professional Engineers (SHPE), the Society of Women Engineers (SWE), the Women in Engineering ProActive Network (WEPAN), and the AAES Diversity Coalition. To learn more about ASCE’s diversity programs and resources and to download your copy of *Diversity by Design*, visit [www.asce.org/diversity](http://www.asce.org/diversity).

**Marketing and Sales**

ASCE’s Membership, Marketing, and Sales Division is responsible for articulating and championing the value proposition for membership, and supporting the association through the execution of marketing activities to drive participation for services, programs, and events. Having Membership, Marketing, and Sales under one Division provides multiple opportunities for brand alignment and cross-promotional initiatives across the organization. Branding guidelines and logos can be accessed at [www.ascebrandingtoolkit.org](http://www.ascebrandingtoolkit.org). The Division is accountable for helping to drive both dues and non-dues revenues. Data analytics reporting and market research are core capabilities of the Division, ensuring an ongoing focus on data-driven programs that deliver against the needs of our members and customers.

The Membership Champions program has been reinvigorated to engage local leaders to think strategically about the overall growth of their Sections, Branches, and Younger Member programs by providing summary data on membership trends, and ready-to-use member acquisition/retention and engagement tools. Local leaders are encouraged to work 1-on-1 with the Champions staff contact to create a plan to address their unique needs. See [www.asce.org/champions](http://www.asce.org/champions) for more detail.

Member Services staff continues to work with the Membership Application Review Committee to grow the Fellows program. Both members and staff identify key industry leaders that should consider becoming Fellows. By providing a staff Fellows “concierge,” ASCE helps eminent civil engineers navigate through the application process. Excellent benefits are provided to Fellows including the ability to use Fellows lounges at key ASCE meetings and two tickets to the ASCE OPAL program the year they become a Fellow. All ASCE Board of Direction Members are encouraged to consider becoming a Fellow. See [www.asce.org/fellows](http://www.asce.org/fellows) for more detail.

The Sales Department contributes revenues from the advertising sales of key ASCE publications and products including *Civil Engineering* magazine, ASCE’s e-newsletters, Website, and ASCE Career Connections. It also drives much of the sponsorship and exhibit sales activity for conferences, and student activities, resulting in increased funding and support for many important ASCE programs and events.

The Industry Relations Department engages with organizations from industry, government, and non-governmental arena, in order to develop customized solutions that benefit both the organization and individual member. The Director of Industry Relations supports the ASCE Industry Leaders Council, the ASCE Partners Program, and the ASCE Associate Partners Program.
ORGANIZATION OF MEMBERSHIP

Region Boards of Governors

As part of the national governance structure of ASCE, the membership is partitioned into Regions. These are enabled and defined in Article V of the Constitution, Bylaws, and Rules as management entities of the Society. Ten geographic Regions include all Society members; nine within the United States and Puerto Rico, and one for the international members. Sections, Branches, and all other geographic units fall within these Regions. The Technical Region includes all members who belong to Institutes. Society Directors are elected by the members in these Regions to serve on the ASCE Board of Direction. Each Region has a Board of Governors, elected from within the Region and chaired by the Society Director. Regions also nominate the ASCE President-elect each year.

Geographic Regions have been organized to provide input to the Board of Direction, facilitate communication, help implement the Society’s Strategic Plan, promote leadership development, support the local geographic units, and improve member service within the Society. Regions may have committees and assemblies to facilitate their purposes.

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Region 6 Board of Governors (2005)

Region 6: New Mexico, Oklahoma, and Texas Sections.
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Region 7: Colorado, Iowa, Kansas City, Mid-Missouri, Nebraska, South Dakota, St. Louis, and Wyoming Sections.
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Scott T. Asher, M.ASCE, Governor, Wilson & Company, Inc., Engineers and Architects, 5755 Mark Dabling Blvd Ste 220, Colorado Springs, CO 80919-2200, (719)520-5800, (719)520-0108, scott.asher@wilsonco.com
David R. Claman, P.E., M.ASCE, Governor, IOWA DOT OFFICE OF BRIDGES & STRUCTURE 800 LINCOLN WAY, AMES, IA 50010, (515) 239-1487, (515) 239-1978, David.claman@dot.iowa.gov
Aaron M. Frits, P.E., M.ASCE, Governor, 710 Sturbridge Ct, Lawrence, KS 66049, (785) 296-4255, afrits@ksdot.org
Marsia A. Geldert Murphey, P.E., M.ASCE, Governor, 154 Ginger Hill Court, Glen Carbon, IL 62034, (618)656-2398, mgeldertmurphey@gmail.com
Loras A. Klostermann, P.E., M.ASCE, Governor, 6101 S 162nd Ave, Omaha, NE 68135, (402) 493-4800, (402)493-7951, lklostermann@schemmer.com
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Edward W. Stafford, P.E., PTOE, M.ASCE, Governor, 13868 Saint Paul Street, Thornton, CO 80602, (303)494-1002, estafford@members.asce.org

Region 8 Board of Governors (2005)

Kristina L. Swallow, P.E., M.ASCE, Director/Chair, kswallow@cox.net
Horst G. Brandes, Ph.D., P.E., F.ASCE, Governor, University of Hawaii, 2540 Dole St, Honolulu, HI 96822-2303, (808) 956-8969, horst@hawaii.edu
Tony Chung-Gem Lau, Governor, Hawaii Pacific Engineers, 1132 Bishop St. Suite 1003, Honolulu, HI 96813, (808) 352-4377, (808) 538-0445, Tony.Lau@hdrinc.com
Heidi A. Dexheimer, P.E., M.ASCE, Governor, Atkins, 2270 Corporate Circle Ste. 200, Las Vegas, NV 89084, heidi.dexheimer@gmail.com
Region 9 Board of Governors (2006)

Region 9: Los Angeles, Sacramento, San Diego, and San Francisco Sections.

Jennifer B. Epp, P.E., M.ASCE, Director/Chair, jennifer.b.epp@gmail.com
Kwame A. Agyare, P.E., M.ASCE, Governor, 5988 Treviso Terrace, Fremont, CA 94555, (510) 656-3426, agyare.kwame@gmail.com
Gregg L. Fiegel, Ph.D., P.E., G.E., M.ASCE, Governor, Civil and Environmental Engineering Building 13, Room 262 California Polytechnic State University, San Luis Obispo, CA 93407, (805) 756-1307, (805) 756-6330, giegel@calpoly.edu
Jay H. Higgins, P.E., M.ASCE, Governor, 9549 Via Salerno, Burbank, CA 91504, (818) 767-7803, (213) 996-2521, jay.higgins@urs.com
Mark R. Norton, P.E., FASCE, Governor, SAWPA, 11615 Sterling Ave, Riverside, CA 92503, (951) 696-5108, (951) 785-7076, mnorton@saawpa.org
Lawrence D. Pierce, P.E., M.ASCE, Governor, 9781 Marky Way, La Mesa, CA 91941, (619) 465-8681, (619)475-4335, lpvpmp@cox.net
Oscar Serrano, P.E., M.ASCE, Governor, Colusa Indian Community Council, 3730 Highway 45, Colusa, CA 95932, (530) 458-3866 EXT 66, oserrano@colusa-nsn.gov

Region 10 Board of Governors (2006)

Region 10: The remaining geographic territory, including Canada and Mexico

Himansu K. Banerjee, Ph.D., CPEng, F.ASCE, Director/Chair, Consulting Structural Engineer 10 Dalvern Close, Adamstown Height, NSW 2289 AUS, himansu@bigpond.net.au
Emmanuel A. Adeyemo, Ph.D., C.Eng, F.ASCE, Governor, 18, Ogunmokun Street Gemade Layout, Gowon Estate Egbeda, Lagos, NGA, adeyemoea@gmail.com
Pratim K. Ghose, F.ASCE, Governor, Castle Hill Mansion 10A1 12/20 Ekkamai Soi 6 Sukhumvit 63, Wattana, Bangkok 10110 THA, pratim.ghose@package-cae.com
Constantine D. Memos, Ph.D., P.E., FASCE, Governor, National Tech University, Heroon Polytechneioe 5, Zografos, 15780 GRC, memos@hydro.civil.ntua.gr
Mostafa M. Soliman, Ph.D., P.E., Dist.M.ASCE, Governor, 24 Mohamed Mahmoud Kassim Heliopolis, Cairo, 11531 EGY, msoliman1@hotmail.com
Meggan Maughan-Brown, CAE, CMP, Aff.M.ASCE, ASCE Staff Contact, ASCE, 1801 Alexander Bell Drive, Reston, VA 20191, (703) 220-3309, mmaughan-brown@asce.org

Councils

To affect closer contacts and improve communications among Sections, members, and the Board of Direction, the Society Bylaws (Article 9) authorize Sections with common interests to request the formation of Councils. Councils are encouraged to participate constructively in public and legislative affairs of interest and concern to civil engineers within the geographical, state or interstate areas of council jurisdiction. The council organization also provides for an exchange and integration of information, ideas and program activities amongst Sections, other councils and younger member groups.

Central Region Younger Member Council (2007)

Consists of all Sections in Regions 3, 6, and 7

Bridget M. Schuh, P.E., M.ASCE, Chair, 590 Pewaukee Rd Unit F, Pewaukee, WI 53072-6555, (920) 242-2252, bma_schuh@hotmail.com
**REGION BOARDS OF GOVERNORS**

**Eastern Regional Younger Member Council (2008)**
Consists of all Sections in Regions 1, 2, 4 and 5

Jennifer M. DiStefano, P.E., M.ASCE, Co-Chair, Pare Corporation, 8 Blackstone Valley Place, Lincoln, RI 02865, (401) 334-4100, (401) 334-4108, jdistefano@parecorp.com

Douglas M. Martin, P.E., M.ASCE, Co-Chair, CDM Smith, 260 West Exchange Street Suite 300, Providence, RI 02903, (401) 457-0344, (401) 457-0344, martindm@cdmsmith.com

**Western Regional Younger Member Council (1980)**
Consists of all Sections in Regions 8 and 9

Chad V. Drago, P.E., M.ASCE, Chair, HDR Engineering, Inc, 101 N 1st Ave Ste 1950, Phoenix, AZ 85003-1905, (602)323-5130, chad.drago@hdrinc.com

**New England Council (1953)**
Consists of Boston Society of Civil Engineers, Connecticut Society of Civil Engineers, Maine, Vermont, Rhode Island and New Hampshire Sections.

Robert S. Gomez, P.E., M.ASCE, Chair, VN ENGINEERS, 116 Washington Ave Ste 12, North Haven, CT 06473-1790, (860) 667-7622, (860) 667-7002, rgomez@vnengineers.com

**New York State Council (1963)**
Consists of Buffalo, Ithaca, Metropolitan, Mohawk-Hudson, Rochester and Syracuse Sections.

William R. Merwarth Jr., P.E., F.ASCE, Chair, 1090 County Rd #2, Greene, NY 13778, (607) 656-7332, (607) 723-4979, yankfanbill@yahoo.com

**Ohio State Council (1969)**
Consists of Akron-Canton, Central Ohio, Cincinnati, Cleveland, Dayton and Toledo Sections.

Peter A. Narsavage, P.E., M.ASCE, Chair, 4637 Olentangy Blvd., Columbus, OH 43214, (614) 267-8360, pnarsavage@gmail.com
Sections and Branches

To meet the technical and professional needs of members at the local level and to assist them in accomplishing the purposes of the Society, the Board of Direction has authorized, from time to time since 1905, the formation of Sections. The map on page 678 shows International Sections and Groups that have been formed. The map on page 679 indicates United States Sections and their Geographic Region assignments.

Many Sections have formed Branches to serve members at one or more centers of engineering population in their areas. Several Associate/Younger Member Forums/Committees have been established in Sections and Branches. Sections are organized within Geographic Regions, as noted on page 676.

The Sections and Branches appoint various committees to aid in carrying on the work of the Society and they cooperate with the Student Chapters in the Sections’ areas. Newsletters are published periodically by a number of Sections and Branches to acquaint members with matters of local and national interest.

Section and Branch Officers and Components

Note: Section and Branch officers change at different times during the year. Listed below are those serving at the time the Official Register was published. A current listing is maintained by the ASCE Geographic Services Department and is available at ASCE’s website at http://www.asce.org/Regions-Sections-Branches/.

Parenthetic reference indicates the Section/Branch charter date.

When two telephone numbers appear consecutively, the second one is a fax number.

Akron-Canton Section (1947)

Area: In OHIO, Counties of Carroll, Medina, Summit, Stark, Portage, Holmes, Coshocton, Tuscarawas and Wayne.


Awards, Erin Curtis, P.E., M.ASCE, Chair, 630 High Grove Boulevard, Akron, OH 44312, (330) 434-1995, erin.curtis@arcadis-us.com

History & Heritage, William M. Rudlosky, M.ASCE, Chair, 1898 Basswood Drive, Kent, OH 44240, (330)678-4504, wrudlosky@neo.rr.com

Membership, Scott D. Moegling, P.E., M.ASCE, Champion, OHIO EPA, Div of Drinking & Ground Waters 2110 East Aurora Road, Twinsburg, OH 44087, (330) 963-1277, scott.moegling@epa.ohio.gov

Public Relations, Renee C. Whittenberger, P.E., M.ASCE, Chair, 901 Portage Lakes Drive, Akron, OH 44319, (330) 310-3349, rswhittenberger@gmail.com

Technical Activities, Brian W. McGannon, A.M.ASCE, Chair, 2422 Eastern Ave, Alliance, OH 44601, (330) 206-0249, (330)983-1129, brian.mcgannon@aecom.com

Younger Members, Renee C. Whittenberger, P.E., M.ASCE, Chair, 901 Portage Lakes Drive, Akron, OH 44319, (330) 310-3349, rswhittenberger@gmail.com

Alabama Section (1931)

Area: All ALABAMA.

Barbara R. Lehman, A.M.ASCE, President, GEO SOLUTIONS LLC, 7201 Opportunity Boulevard, Huntsville, AL 35810, blehman@geo-solutions.net; Michael B. Hora, A.M.ASCE, President-elect,
ORGANIZATION OF MEMBERSHIP

661 Williamson Road, Montgomery, AL 36109, (334) 272-8145, horam@dot.state.al.us; Shelia K. Montgomery, Vice President, 4844 S Shades Crest Rd, Bessemer, AL 35023, (205) 425-7817; Darrell A. Hobson, P.E., M.ASCE, Past President, Mcgiffert & Associates Llc, PO Box 020559, Tuscaloosa, AL 35402, (205) 759-1524, dhobson@mcgiffert.com; Jack Kimbrough Jr., P.E., M.ASCE, Secretary, Barge Waggoner Sumner & Cannon Inc, 200 Clinton Ave Ste 800, Huntsville, AL 35801, (256) 533-1561, (256) 533-1564, jack.kimbrough@bwsc.net; Jack Kimbrough Jr., P.E., M.ASCE, Treasurer, Barge Waggoner Sumner & Cannon Inc, 200 Clinton Ave Ste 800, Huntsville, AL 35801, (256) 533-1561, (256) 533-1564, jack.kimbrough@bwsc.net; Jason M. Leggett, P.E., M.ASCE, Webmaster, Madison Utilities, 101 Ray Sanderson Drive, Madison, AL 35758, (256) 772-0253 EXT 119, jleggett@madisonutilities.org

Dam Safety Program
Benjamin Gallagher, P.E., M.ASCE, Chair, bgallagher13@gmail.com

Geo-Institute Chapter

Birmingham Branch (1970)
Area: In ALABAMA, Counties of Jefferson and Shelby
Kyle A. Wood, P.E., M.ASCE, Branch President, Hatch Mott Macdonald, 1800 International Park Dr Ste 210, Birmingham, AL 35243-4231, (205) 939-1119, (205) 939-1382, kyle.wood@hatchmott.com; Maggie P. Weems, A.M.ASCE, Chair, mpweems@terracon.com; Shelia Montgomery-Mills, P.E., M.ASCE, Branch Past-President, 2412 2nd Avenue N Apt 2, Birmingham, AL 35203, (205) 936-4064, sheliamontg@aol.com; Julia B. Green, P.E., M.ASCE, Branch Secretary, julia.m.bower@gmail.com; Julia B. Green, P.E., M.ASCE, Branch Treasurer, julia.m.bower@gmail.com; Julia B. Green, P.E., M.ASCE, Branch Newsletter Editor, julia.m.bower@gmail.com; Julia B. Green, P.E., M.ASCE, Branch Webmaster, julia.m.bower@gmail.com

Infrastructure, Shelia Montgomery-Mills, P.E., M.ASCE, Chair, 2412 2nd Avenue N Apt 2, Birmingham, AL 35203, (205) 936-4064, sheliamontg@aol.com

Pre-College Outreach, Maggie P. Weems, A.M.ASCE, Chair, mpweems@terracon.com

Public Relations, Julia B. Green, P.E., M.ASCE, Chair, julia.m.bower@gmail.com

Scholarship, Susan D. Goertz, P.E., M.ASCE, Chair, 2220 Vanessa Dr, Birmingham, AL 35242, (205) 991-7766, sgoertz@mindspring.com

Student Chapter, Gaulen R. Alexander, S.M.ASCE, Chair, Cardno ATC, 200 Wellington Manor Court #100, Alabaster, AL 35007, (949)551-1386, gaulen.alexander@gmail.com

Sustainability, Shelia Montgomery-Mills, P.E., M.ASCE, Chair, 2412 2nd Avenue N Apt 2, Birmingham, AL 35203, (205) 936-4064, sheliamontg@aol.com

Younger Members, Sarah S. Bettinger, S.M.ASCE, President, 1408 33rd St N, Birmingham, AL 35234-2939, (205)201-6286, s_bettinger@hotmail.com

Dothan Branch (2004)
Area: In ALABAMA, Counties of Barbour, Coffee, Dale, Geneva, Henry, Houston and Pike
Derek E. McCarty, P.E., A.M.ASCE, Branch President, 108 Arapahoe Lane, Midland City, AL 36350, (334) 714-0350, (334) 673-1846, dmccarty@northstarengineering.com; Justin C. Palmer Sr., A.M.ASCE, Branch Vice President, jc0909@gmail.com; Toney G. Peters, Branch Secretary, 3880 Strawberry Path N.W., Marietta, GA 30064, (770) 939-1336, (678) 417-8785; Scott A. Dunham, P.E., M.ASCE, Branch Treasurer, 111 Trenton Court, Dothan, AL 36305, (334) 712-2101, (334) 678-6948, sadunham@graceba.net; Gene R. Kearley, P.E., M.ASCE, Branch Director, gkearley@polyengineering.com

Huntsville Branch (1963)
Area: In ALABAMA, Counties of Limestone, Morgan, Marshall, Jackson and Madison
James D. His, P.E., M.ASCE, Branch President, Florence & Hutcheson, Inc., PO Box 5266, Huntsville, AL 35814, (256) 890-0321, (256) 890-0352, jhise@flohut.com; Alan S. Lash, P.E., M.ASCE, Branch Vice President, 58 Stoney Brook Drive, Union Grove, AL 35175, (256)457-4292, alan.lash@tetratech.com; Rachel T. Finch, A.M.ASCE, Branch Past-President, rfinch@smeinc.com; Alan S. Lash, P.E., M.ASCE, Branch President-Elect, 58 Stoney Brook Drive, Union Grove, AL 35175, (256)457-4292, alan.lash@tetratech.com; Srdan K. Boskovic, S.M.ASCE, Branch Secretary, sb0004@uah.edu; Gary L. Gleason, P.E., M.ASCE, Branch Treasurer, City of Huntsville-
SECTIONS AND BRANCHES

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Mobile Branch (1973)
Area: In ALABAMA, Counties of Mobile and Baldwin.
Gavin B. Morrow, Aff.M.ASCE, Branch President, brett.morrow@volkert.com; Aimee W. Williams, P.E., M.ASCE, Branch Vice President, Alabama State Port Authority, P.O. Box 1588, Mobile, AL 36633, (251) 752-1346, (251)441-7255, awilliams@asdd.com; Benjamin Russell, A.M.ASCE, Branch Secretary, Alabama Department of Transportation, 1701 I-65 West Service Road N, Mobile, AL 36618, (251)599-1146, russellb@dot.state.al.us; John Cleary, A.M.ASCE, Branch Treasurer, 9276 Wind Clan Trail, Daphne, AL 36526, (251)460-6174, John.CivilEng@gmail.com

Montgomery Branch (1984)
Area: In ALABAMA, Counties of Montgomery, Autauga, Elmore and Lowndes.
Freddy A. Naranjo, P.E., M.ASCE, Branch President, 1409 Coliseum Blvd, Montgomery, AL 36110, (334) 365-6764, (334) 353-6513, naranjof@dot.state.al.us; William C. Armstead, A.M.ASCE, Branch Vice President, 5369 E Hickory Grove Rd, Ramer, AL 36069-6007, (334)315-2263, chance.armstead1@gmail.com; Michael B. Hora, A.M.ASCE, Branch Past-President, 661 Williamson Road, Montgomery, AL 36109, (334) 272-8145, horam@dot.state.al.us; William C. Armstead, A.M.ASCE, Branch President-Elect, 5369 E Hickory Grove Rd, Ramer, AL 36069-6007, (334)315-2263, chance.armstead1@gmail.com; Paul D. Hansen, Branch Secretary - Treasurer, pdhansen@adem.state.al.us

Tuscaloosa Branch (1997)
Area: In ALABAMA, Counties of Tuscaloosa, Bibb, Hale, Greene, and Pickens
Craig P. Williams, P.E., M.ASCE, Branch President, Burk-Kleinpeter, Inc., 600 Lurleen Wallace Blvd., Ste 180, Tuscaloosa, AL 35401, (205)759-3221, (205)759-9166, cwilliams@bkiusa.com; Richard J. Webber, Branch Vice President, jwebber@ttlusa.com; William P. Wheless III, Branch Secretary - Treasurer, Hankins Engineering, 114 1st Ave NE P O Box 527, Vernon, AL 35592, (205) 695-9137, (205) 695-9137

Alaska Section (1951)
Area: All ALASKA.
Kate Mickelson, A.M.ASCE, President, PND ENGINEERS INC, PND Engineers, Inc. 9360 Glacier Hwy, Ste. 100, Juneau, AK 99801, (907)386-2093, kmickelson@pndengineers.com; Donald G. Kinney, P.E., M.ASCE, Vice President, 2200 Sonstrom Dr, Anchorage, AK 99517, (907) 248-2124, kinneyDG@alyeska-pipeline.com; Virginia J. Groeschel, A.M.ASCE, Past President, State of Alaska Dept. of Transportation & Public Facilities, 4111 Aviation Drive, Anchorage, AK 99502, (907) 256-2000, virginia.groeschel@alaska.gov; Mark B. Sherman, P.E., M.ASCE, Secretary, 401 College Road, Fairbanks, AK 99701, (907) 456-3853, (907) 456-3854, mark@shermanengr.com; Jessica Smith, A.M.ASCE, Treasurer, jsmith@crweng.com

History and Heritage, Nicholas A. Moothart, P.E., M.ASCE, Chair, PND Engineers, Inc, 9360 Glacier Hwy Ste 100, Juneau, AK 99801-7012, (907)586-2093, nmoothart@pndengineers.com

Anchorage Branch (1952)
Area: In ALASKA, Counties of Anchorage.
Tor J. Anderzen, P.E., M.ASCE, Branch President, DOWL HKM, 809 S Chugach St Ste 4, Palmer, AK 99645-6665, (907)746-7600, (907)562-3953, tjanderz@mtu.edu; Irene S. Malto, P.E., M.ASCE, Branch Vice President, 4041 B Street, Anchorage, AK 99503, (907) 830-9610, imalto@dowlhkm.com; Irene S. Malto, P.E., M.ASCE, Branch President-Elect, 4041 B Street, Anchorage, AK 99503, (907) 830-9610, imalto@dowlhkm.com; Elizabeth A. Greer, P.E., S.E., M.ASCE, Branch Secretary, elizabeth.greer@urs.com; Brian Gastrock, P.E., M.ASCE, Branch Treasurer, Steplh Engineering 3900 Arctic Blvd Suite 204, Anchorage, AK 99503, (907) 868-4874, bgastrock@stepheng.com; Douglas P. Simon, P.E., M.ASCE, Branch Newsletter Editor, 11441 Browder Ave, Anchorage, AK 99507-6331, (907)564-2120, (907)564-2122, dsimon@hdlalaska.com; Tor J.
Anderzen, P.E., M.ASCE, Branch Webmaster, DOWL HKM, 809 S Chugach St Ste 4, Palmer, AK 99645-6665, (907)746-7600, (907)562-3953, tjanderz@mtu.edu

History & Heritage, Heather M. Brooks, P.E., M.ASCE, Contact, Golder Associates Inc., 1704 Bannister Rd, Anchorage, AK 99508, (907) 230-0485, HEATHER_BROOKS@GOLDER.COM

Membership, Thomas M. Keatts, A.M.ASCE, Contact, Shannon & Wilson Inc., 5430 Fairbanks St. Suite 3, Anchorage, AK 99518, (907)433-3212, tmk@shanwil.com

Younger Member Forum, Cody Christianson, A.M.ASCE, President, 9321 Arlene Dr. Apt. A8, Anchorage, AK 99502, (907) 743-9357, cchristianson@bristol-companies.com

Fairbanks Branch (1951)
Area: In ALASKA. Borough of Fairbanks North Star
Keith P. Whitaker, P.E., M.ASCE, Branch President, College of Engineering and Mines, University of Alaska Fairbanks PO Box 755900, Fairbanks, AK 99775, (207) 408-9912, kwhitaker@alaska.edu; Ingrid A. Sandberg, A.M.ASCE, Branch Vice President, Shannon and Wilson, 2355 Hill Rd, Fairbanks, AK 99709-5326, (907)458-3129, ias@shanwil.com; Tonya L. Bear, Aff.M.ASCE, Branch Past-President, Shannon & Wilson, 23 55 Hill Rd, Fairbanks, AK 99709-5326, (907)458-3129, ias@shanwil.com; Tim Diedrich, A.M.ASCE, Branch Secretary, timdiedrich@pdceng.us; Quentin P. Gehring, P.E., M.ASCE, Branch Treasurer, Shannon & Wilson Inc, 2355 Hill Rd, Fairbanks, AK 99709, (907) 479-0600, qpg@shanwil.com

Juneau Branch (1951)
Area: In ALASKA, Borough of Juneau
Ryan A. Stephens, A.M.ASCE, Branch President, 3104 Glacierwood Dr., Juneau, AK 99801, (801) 400-3911, ras065@yahoo.com; Carl Uchytil, P.E., M.ASCE, Branch Vice President, 2921 Blueberry Hills Rd S, Juneau, AK 99801-1987, (907) 523-5091, (907)586-0295, carl.uchytil@gmail.com; Toby A. Lockhart, A.M.ASCE, Branch Past-President, Dowl HKM, 5368 Commercial Blvd, Juneau, AK 99801, (907) 780-3533, (907) 780-3535, tlockhart@dowlhkm.com; Sam S. Kito III, P.E., M.ASCE, Branch Secretary - Treasurer, KCS, LLC, PO Box 21192, Juneau, AK 99802, (907)465-6906, skito.3@gmail.com; Sam S. Kito III, P.E., M.ASCE, Branch Newsletter Editor, KCS, LLC, PO Box 21192, Juneau, AK 99802, (907)465-6906, skito.3@gmail.com

Ketchikan Branch (1982)
Area: In ALASKA, All of Southeast ALASKA lying south of Sumner Strait and the Stikine River.
Clifton J. Allen, P.E., M.ASCE, Branch President, City of Ketchikan AK, 2930 Tongass Ave, Ketchikan, AK 99901-5742, (907)228-4738, clifica@city.ketchikan.ak.us; Kara R. Jurczak, P.E., M.ASCE, Branch Vice President, City of Ketchikan, 2930 Tongass Avenue, Ketchikan, AK 99901, (907) 225-7917, karaj@city.ketchikan.ak.us; Joseph G. May, P.E., M.ASCE, Branch President-Elect, City of Ketchikan, 2930 Tongass Avenue, Ketchikan, AK 99901, (907) 225-7917, karaj@city.ketchikan.ak.us; Jennifer L. Holstrom, A.M.ASCE, Branch Secretary-Treasurer, Ketchikan Public Utilities, 2930 Tongass Ave, Ketchikan, AK 99901, (907) 228-4733, jenniferh@city.ketchikan.ak.us

Younger Member, Seth A. Brakke, P.E., M.ASCE, President, City of Ketchikan, 2930 Tongass Ave, Ketchikan, AK 99901, (907) 228-4725, seth@city.ketchikan.ak.us; Kara R. Jurczak, P.E., M.ASCE, Vice President, City of Ketchikan, 2930 Tongass Avenue, Ketchikan, AK 99901, (907) 225-7917, karaj@city.ketchikan.ak.us

Mat-Su Branch (2009)
Area: In Alaska, County of Matanuska Susitna in the areas of Big Lake, Houston, Palmer, Skwentna, Sutton, Talkeetna, Trapper Creek, Wasilla, and Willow.
Hans J. Hill, A.M.ASCE, Branch President, 2424 N Willow Dr, Wasilla, AK 99654-4272, (907) 357-4172, h.hill@lounsburynic.com; Chris Bowman, A.M.ASCE, Branch Vice President, cbowman@hdalaska.com; Michael J. Campfield, P.E., M.ASCE, Branch Past-President, Matanuska-Susitna Borough, 350 E Dahlia Ave, Palmer, AK 99645-6411, (907) 746-7600, mcampfield@dowlhkm.com; Scott R. Adams, P.E., M.ASCE, Branch Secretary, 5645 N Hiett Dr, Wasilla, AK 99654, (907)355-9810, (907)7459825 EXT 25, scott.adams@matsugov.us
Arizona Section (1925)

Area: All ARIZONA.

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Northern Arizona Branch (1979)

Area: In ARIZONA, Counties of Mohave, Coconino, Navajo and Yavapai.

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Phoenix Branch (1956)

Area: In ARIZONA, Counties of Maricopa, Pinal (Gold Canyon, Apache Junction, Casa Grande, Coolidge, Maricopa, San Tan Valley, and Florence) and Gila (Globe, Miami, Payson and Young).

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Southern Arizona Branch (1962)
Area: In ARIZONA, Counties of Cochise, Pima and Santa Cruz.
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Yuma Branch (1993)
Area: In ARIZONA, Counties of Yuma and La Paz.
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Arkansas Section (1976)
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Central Branch (2010)
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Northwest Branch (1993)
Area: Counties of Washington, Benton, Carroll, Franklin, Madison, Boone, Newton, Crawford and Sebastian

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Australia Section (2010)
Area - All AUSTRALIA.

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Bangladesh Section (1994)
Area - All BANGLADESH.

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Boston Society of Civil Engineers Section (1848)
Area: All MASSACHUSETTS.

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Buffalo Section (1921)

Area: In NEW YORK, Counties of Niagara, Chautauqua, Cattaraugus, Allegany and Erie.

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Scholarship-Julian Snyder Endowment and Pau, John J. Danzer, P.E., M.ASCE, Co-Chair, Empire Geo-Services Inc, 5167 South Park Avenue, Hamburg, NY 14075, (716) 649-8110, (716) 649-8051, jdanzer@roadrunner.com; Athena M. Hutchins, P.E., M.ASCE, Co-Chair, 3887 Wildwing Drive, Wheatfield, NY 14120, (716) 743-8972, ahutchins@nittec.org

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Central Illinois Section (1924)


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East Branch (1967)


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Illinois Valley Branch (1963)


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168 SECTIONS AND BRANCHES

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Central Ohio Section (1921)
Area: In OHIO, Counties of Marion, Morrow, Knox, Union, Delaware, Licking, Muskingum, Guernsey, Noble, Morgan, Perry, Monroe, Fairfield, Franklin, Madison, Fayette, Pickaway, Hocking, Athens, Washington, Meigs, Vinton, Ross, Highland, Pike, Jackson, Gallia, Lawrence, Scioto, Adams and Belmont.

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Central Pennsylvania Section (1958)
Area: In PENNSYLVANIA, Counties of Adams, Centre, Clinton, Cumberland, Dauphin, Franklin, Juniata, Lancaster, Lebanon, Lycoming, Mifflin, Montour, Northumberland, Perry, Potter, Snyder, Tioga, Union and York.

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Cincinnati Section (1920)
Area: In OHIO, Counties of Hamilton, Clermont and Brown; In KENTUCKY, Counties of Boone, Kenton and Campbell.
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Cleveland Section (1915)
Area: In OHIO, Counties of Richland, Ashland, Huron, Erie, Lorain, Cuyahoga, Geauga, Lake, Ashtabula, Trumbull, Mahoning, Columbiana and Jefferson.
Carolyn Guion, P.E., M.ASCE, President, TranSystems, 55 Public Square Suite 1900, Cleveland, OH 44115, (216) 861-1780, (216) 861-1028, ctguion@transystems.com; Michael J. Lyden, P.E., M.ASCE, Vice President, The Kelly-Buck Company, 1048 Literary Road, Cleveland, OH 44113, (216) 861-1716, (216) 861-1715, mike.lyden@kelly-buck.com; Stephen F. Duffy, Ph.D., P.E., FASCE, Past President, Cleveland State Univ, 114 Stilwell Hall Civil Engineering Dept, Cleveland, OH 44115, (330) 678-5512, sduffy@crtechnologies.com; Andrew C. Clemens, P.E., S.E., M.ASCE, Secretary, Cleveland State Univ, 114 Stilwell Hall Civil Engineering Dept, Cleveland, OH 44115, (330) 678-5512, sduffy@crtechnologies.com; Craig K. Hebebrand, P.E., M.ASCE, Treasurer, 9940 Cypress Circle, Concord, OH 44060, (440) 574-7003, (216)781-6243, craig.hebebrand@gmail.com; Lance G. Wanamaker, P.E., M.ASCE, Newsletter Editor, Michael Baker Jr Inc, The Halle Building 1228 Euclid Avenue Suite 1050, Cleveland, OH 44115, (216) 776-6629, (216) 664-6532, lwanamaker@mnbakercorp.com; Brian E. Meluch, M.ASCE, Webmaster, NTH Consultants, Ltd., 820 W. Superior Avenue Suite 320, Cleveland, OH 44113, (216) 344-4043, (216) 344-4044, bmeluch@nthconsultants.com

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Youngstown Branch (1960)
Area: In OHIO, Counties of Mahoning, Trumbull, Columbiana and Jefferson.
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Colorado Section (1909)
Area: All Colorado.
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Colorado Spring Branch (1976) (inactive)
Area: IN COLORADO, County of El Paso

Northern Colorado Branch (1998)

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Southern Colorado Branch (1976)
Area: In COLORADO, Counties of Baca, Bent, Cheyenne, Crowley, Custer, El Paso, Fremont, Huerfano, Kiowa, Las Animas, Lincoln, Otero, Prowers, Pueblo, and Teller.

Gregory G. Souder, P.E., M.ASCE, Branch President, 8675 Brockhill Dr, Colorado Springs, CO 80920, (719) 266-0072, (719) 597-2117, ggsouder@terracon.com; Melanie R. Jollett, P.E., M.ASCE, Branch Vice President, 2225 Totem Pole Dr, Colorado Springs, CO 80919, (719) 482-5409, mjollett@yahoo.com; Stanley P. Rader, Ph.D., P.E., M.ASCE, Branch Past-President, 17520 Saddlewood Rd, Monument, CO 80132, (719) 488-3397, STANLEY.RADER@USAFA.EDU; Kimberly Swearingen, A.M.ASCE, Branch Secretary, City of Pueblo Wastewater Department, 1300 S. Queens Ave., Pueblo, CO 81001, (719)250-6599, (719)553-2957, kswearingen@pueblo.us; Elizabeth V. Staten, A.M.ASCE, Branch Treasurer, 7681 Stampede Dr, Colorado Springs, CO 80920, (719)272-8839, liz.staten@hdrinc.com

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Southwest Colorado Branch (2009)
Area: In Colorado, Counties of La Plata (including Durango, Bayfield, Hesperus, Ignacio, Marvel) Archuleta (including Pagosa Springs, Chorro, Chimney Rock, Arboles), Montezuma (including Cortez, Mancos, Dolores, Towac, Mesa Verde), Dolores (including Dove Creek, Cahone, Pleasant View, Lewis, Rico, Yellow Jacket, Egnar) and San Juan (including Silverton).

Stephen D. Pavlick, P.E., M.ASCE, Branch President, 150 Rock Point Dr, Durango, CO 81301-7727, (970)403-5088, (970) 385-4502, spkeaton@hotmail.com; William Frownfelter, P.E., M.ASCE, Branch Vice President, 270 Clear Spring Ave., Durango, CO 81301, (970) 708-1058, (970) 385-4502, billF@russellpe.com; Aaron R. McKelvey, P.E., M.ASCE, Branch Past-President, 212 Forest Lakes Dr, Bayfield, CO 81122, (970) 884-4452, (970) 375-7986, mckelveyar@co.laplata.co.us;
Western Slope Branch (1982) (inactive)
Area: In COLORADO, Counties of Delta, Garfield, Mesa and Montrose.

Columbia Section (1950)
Area: In OREGON, Counties of Morrow, Umatilla, Union and Wallowa; In WASHINGTON, Counties of Yakima, Klickitat, Benton, Franklin, Walla Walla, and Columbia.

Yakima Branch (1989)
Area: In WASHINGTON, Counties of Yakima and Kittitas.

Connecticut Society of Civil Engineers Section (1884)
Area: All CONNECTICUT.
Government Engineers, Rabih M. Barakat, P.E., M.ASCE, Contact, 26 Davis Rd, Woodbridge, CT 06525, (203) 397-2996, (860) 594-3373, rabih.barakat@ct.gov

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Fairfield Branch (1991)
Area: In CONNECTICUT, County of Fairfield.
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Costa Rica Section (2010)
Area: All COSTA RICA
Jose P. Rivera Quevedo, C.Eng, M.ASCE, President, CITEC, Apdo 2346-1000, Curridabat, San Jose 11801 CRI, jrivera@cfia.or.cr; Max Umana, C.Eng, M.ASCE, Vice President, Grupo Vigo, Edificio Mercedes Paseo Colon, San Jose, 1000 CRI, mumana@cfia.or.cr; Carlos L. Villalta, C.Eng, M.ASCE, Past President, Residencial Paso De Las Garzas Apt 353 San Rafael, Abjuela, 249-4005 CRI, cvillalta380@gmail.com; Nayoha de Lemos, C.Eng, M.ASCE, Secretary, 19 Bis Between 16 and 20 Ave, San Jose, 1748-1000 CRI, nayoha@gmail.com; Luis A. Ramirez, M.ASCE, Treasurer, Rci-ingenieria, 75 Metros Al Este del Restaurante La Princesa Marina, San Jose, CRI, rc ingenieria@ice.co.cr

Dayton Section (1922)
Area: In OHIO, Counties of Auglaize, Butler, Champaign, Clark, Clinton, Darke, Green, Logan, Mercer, Miami, Montgomery, Preble, Shelby and Warren.
Paul C. Goodhue, P.E., M.ASCE, President, CESO, Inc., 8534 Yankee St Ste 2B, Dayton, OH 45458-1889, (937) 435-8584, (937) 435-3307, goodhue@cesoinc.com; David M. Armstrong, A.M.ASCE, President-elect, 3958 Augusta Road, Miamiusburg, OH 45342, dmaarmstrong517@gmail.com; Daniel J. Hoying, P.E., P.L.S., M.ASCE, Vice President, 3030 Russia Versailles Rd, Russia, OH 45363-9777, (937) 259-5795, (937) 259-5100, dhoying@ljbinc.com; Jason E. Starner, P.E., M.ASCE, Past President, Barge Waggoner Sumner & Cannon, 8280 Yankee St, Dayton, OH 45458, (937) 438-0378, (937) 438-0379, jestarner@bwsc.net; Stephanie A. Goff, P.E., R.L.S., M.ASCE, Secretary, 1347 Lamplighter Lane, Fairborn, OH 45324, (937)441-3888, (937)496-7441, goffs@mcohio.org; Chad E. Ingle, P.E., M.ASCE, Treasurer, 9763 Bellbrook Rd, Waynesville, OH 45068-9742, (937)6030759, (937) 296-3242, chadingle@ketteringoh.org; Randee W. Timms, P.E., M.ASCE, Newsletter Editor, CESO, 8534 Yankee St STE 2B, Dayton, OH 45458-1889, (937)435-8584, (210) 641-6440, timms@cesoinc.com; Randee W. Timms, P.E., M.ASCE, Webmaster, CESO, 8534 Yankee St STE 2B, Dayton, OH 45458-1889, (937)435-8584, (210) 641-6440, timms@cesoinc.com

Education, Terrance D. Dalrymple, P.E., L.S., F.ASCE, Chair, 1851 Oxford Trenton Rd, Oxford, OH 45056, (513)324-6243, dalrymple847@aol.com

Younger Members, Amy M. Moore, P.E., M.ASCE, Chair, LJB Inc., 2500 Newmark Dr., Miamisburg, OH 45342, (937)259-6538, amoori@LJBinc.com
Delaware Section (1953)

Area: All DELAWARE.
Nathan W. Buttorff, P.E., M.ASCE, President, 3327 S. Rockfield Dr., Wilmington, DE 19810, (302) 478-3460, nbuttorff@pennoni.com; Mikeal Gaines, A.M.ASCE, Vice President, gainsmr@bv.com; Ted L. Robinson, P.E., M.ASCE, Past President, trobinsn@udel.edu; Steven R. Anderson Jr., P.E., M.ASCE, Secretary, 225 North Bridlewood Dr., Newark, DE 19702, (302) 463-7838, sanderson@pennoni.com; Nathan W. Buttorff, P.E., M.ASCE, Treasurer, 3327 S. Rockfield Dr., Wilmington, DE 19810, (302) 478-3460, nbuttorff@pennoni.com; Ryan C. Spears, A.M.ASCE, Newsletter Editor, Ryancspears84@gmail.com; Ryan C. Spears, A.M.ASCE, Webmaster, Ryancspears84@gmail.com

Activities, Edwin F. Williams IV, Chair, 1221 Mayfield Road, Wilmington, DE 19803, (302) 584-6625, ewilliams@mrqta.com
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Younger Members, Matthew Parkhurst, A.M.ASCE, Chair, 1305 N Broom St Apt 204, Wilmington, DE 19806-4231, (203) 455-7974, mpark87@gmail.com

Duluth Section (1917)

Area: In MINNESOTA, Counties of Koochiching, St. Louis, Lake, Cook, Itasca, Crow Wing, Aitkin, Carlton and Pine; In WISCONSIN, counties of Douglas, Bayfield, Ashland, Sawyer, Washburn and Burnett.
Lisa M. Karlgaard, P.E., M.ASCE, President, 916 East 3rd Street #203, Duluth, MN 55805, (218) 340-3074, (218) 727-8456, Lisa.Karlgaard@LHBCorp.com; Cindy J. Voigt, P.E., M.ASCE, President-elect, Duluth City Of, City Of Duluth 211 City Hall 411 W 1st St, Duluth, MN 55802, (218) 730-5071, (218) 730-5907, cindyvoigt@live.com; David A. Franseen, P.E., M.ASCE, Vice President, Krech Ojard & Associates, 227 W 1st Street Suite 200, Duluth, MN 55802, (218) 235-9192, david.franseen@krechojard.com; Arthur E. Johnston, P.E., M.ASCE, Past President, Art Johnston, 37 N. 93rd Av. W, Duluth, MN 55808, (218) 626-1997, ajohnston2@charter.net; Matthew Nordine, A.M.ASCE, Secretary, matthew.nordine@lhbcorp.com; Nick Patterson, A.M.ASCE, Treasurer, Marine Tech, 716 Garfield Ave, Duluth, MN 55802-2634, (218) 720-2833, npatterson@marinetechduluth.com
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Toothpick Bridge, John J. Hinzmann, P.E., M.ASCE, Chair, 4639 Island Lake Drive, Duluth, MN 55803, (218) 525-7294, (218) 722-1514, john.hinzmann@state.mn.us
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Egypt Section (1994)

Area: All EGYPT.
Gamal H. Elsaeed, M.ASCE, President, 8 Elmarwa Bldg Nabil Elwakad St Heliopolis, Cairo, 11341 EGY, elsaeed@sadcoegypt.com; Marawan M. Shahien, A.M.ASCE, Vice President, 9 El-Batrawi Street Genena Mall - Entry No.4 1st Floor, Apt. No. 16, Nasr City - Cairo, 905607 EGY, mshahien@hamzaconsult.org; Mostafa M. Soliman, Ph.D., P.E., Dist.M.ASCE, Past President, 24 Mohamed Mahmoud Kassin Heliopolis, Cairo, 11531 EGY, msoliman1@hotmail.com; Samir A. Ead, Secretary, Ain Shams University, Faculty of Engineering Irrigation & Hydraulics Dept 1 El-Sarayat St., Abdu
Area: All FLORIDA.

Florida Section (1929)

President, Thomas H. Hayden, P.E., M.ASCE, 104 North Magnolia Drive, Tallahassee, FL 32301, (850) 386-1253, Tom.Hayden@egs-us.com; President-elect, Adnan Javed, P.E., M.ASCE, 104 North Magnolia Drive, Tallahassee, FL 32301, (850) 386-1253, Tom.Hayden@egs-us.com; Past President, Jeffrey J. Earhart, P.E., M.ASCE, 2215 Wembley Place, Oviedo, FL 32765, (407)267-8905, (407) 677-1012, jearhart05@yahoo.com; Newsletter Editor, Judith Nichols, A.M.ASCE, judy@fla-asce.org; Webmaster, Judith Nichols, A.M.ASCE, judy@fla-asce.org; Executive Director, Judith Nichols, A.M.ASCE, judy@fla-asce.org

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Student Activities, Todd N. McLeod, P.E., M.ASCE, Chair, One Evergreen, 6409 Garden Ave., West Palm Beach, FL 33405, (813)788-7004, todd@oneevergreen.net

West Point Bridge, Robert W. Best Jr., P.E., M.ASCE, Chair, Jones Edmunds and Associates, 730 NE Waldo Road, Gainesville, FL 32641, (321)269-2950 EXT 1044, rbest@jonesedmunds.com

Younger Members, Brett A. Manzie, P.E., M.ASCE, Chair, 13823 Jaffa Ct., Jacksonville, FL 32224, (904) 206-2365, bmanzieei@gmail.com

Broward County Branch (1969)

Area: In FLORIDA, the County of Broward.

Chair, Timothy Fish, P.E., M.ASCE, Branch President, HDR ENGINEERING INC, 3250 West Commercial Blvd Ste 100, Ft Lauderdale, FL 33309, (954) 531-7848, TIMOTHY.FISHER@HDRINC.COM; Marta Alonso, P.E., M.ASCE, Branch Past-President, Hazen and Sawyer, PC, 4000 Hollywood Boulevard North Tower, 750N, Hollywood, FL 33021, (954) 987-0066, (202) 362-8492, malonso@hazenandsawyer.com; Jennifer L. Smith, P.E., A.M.ASCE, Branch President-Elect, 5003 Pebblebrook Way, Coconut Creek, FL 33073, (954) 818-5804, (954) 730-2030, jsmith@chenmoore.com; Samuel J. Smith, Hon.D.GE, P.E., M.ASCE, Branch Secretary, 6340 NW 38th Drive, Coral Springs, FL 33067, (954)496-5108, samuelsmithp@gmail.com; Rafael E. Jimenez Jr., P.E., M.ASCE, Branch Treasurer, Cemex, 1150 NW 24th Street, Pompano Beach, FL 33064, (407) 310-9655, RJimenez@cemexusa.com

Younger Members, Joseph Simhon, A.M.ASCE, President, jsimhon@fau.edu

Cape Canaveral Branch (1959)

Area: In FLORIDA, Counties of Brevard, Indian River, St. Lucie, Martin and Okeechobee.
Jeff Rapolti Jr., A.M.ASCE, Branch President, 751 Wickham Lakes Drive, Viera, FL 32940, (321) 652-7644, jrapolti@gmail.com; Kevin A. Murphy, A.M.ASCE, Branch Vice President, Tetra Tech Inc., 11 Riverside Dr. Suite 204, Cocoa, FL 32922, (321)636-6470, alex.murphy@tetratech.com; Elia Twigg, P.E., M.ASCE, Branch Past-President, City of Palm Bay - Public Works Department, 1050 Malabar Road SW, Palm Bay, FL 32907, (321)952-3411, (321)952-3412, twiggo@palmbayflorida.org; Priyanka Prakash, Aff.M.ASCE, Branch Secretary, thesaltymissprakash@gmail.com; Jared Francis, A.M.ASCE, Branch Treasurer, 2810 Caribbean Isle Blvd Apt 712, Melbourne, FL 32935, (321)200-3502, jared.a.francis@gmail.com; Timothy W. Stackhouse, A.M.ASCE, Branch Webmaster, 1501 S Shannon Ave, Indialantic, FL 32903, (321) 698-3970, tim@stackhouse.net

Membership & Outreach, Timothy W. Stackhouse, A.M.ASCE, Champion, 1501 S Shannon Ave, Indialantic, FL 32903, (321) 698-3970, tim@stackhouse.net

East Central Branch (1958)

Area: In FLORIDA, Counties of Volusia, Sumter, Lake, Seminole, Orange and Osceola.

Rolando L. Raymundo, P.E., M.ASCE, Branch President, rraymundo@seminolecountyfl.gov; Mark W. Ellard, P.E., D.WRE, M.ASCE, Branch Vice President, 1309 Carpenter Branch Court, Oviedo, FL 32765, (407) 359-5025, mellard@geosyntec.com; Chris Rader, P.E., M.ASCE, Branch Past-President, City of Altamonte Springs, 225 Newburyport Avenue, Altamonte Springs, FL 32701, (407)571-8712, CRader@altamonte.org; Alexander Moncaleano, A.M.ASCE, Branch President-Elect, 2348 Ginger Mill Blvd, Orlando, FL 32837-8513, (407) 254-9919, (407) 259-9999, alex.moncaleano@ocfl.net; Carlo Pilia, Aff.M.ASCE, Branch Secretary, Cardno TBE, 402 S. North Lake Blvd. Suite 1004, Altamonte Springs, FL 32701, (407)629-7144, carlo.pilia@cardnotbe.com; Michael A. Olka, P.E., M.ASCE, Branch Treasurer, 3508 Deerfield Rd, Casselberry, FL 32707, (407)384-4412 EXT 3569, (407) 366-3356, molka@gfnet.com; Trillian Baldassari, P.E., M.ASCE, Branch Newsletter Editor, 1208 E Central Blvd Apt 4, Orlando, FL 32801, (407)855-3860, tlbaldassari@ardaman.com; Chris Rader, P.E., M.ASCE, Branch Webmaster, City of Altamonte Springs, 225 Newburyport Avenue, Altamonte Springs, FL 32701, (407)571-8712, CRader@altamonte.org

CI Chapter, Kenneth D. Morgan, P.E., M.ASCE, Contact, Florida’s Turnpike, PO Box 613069, Ocoee, FL 34761, (407) 264-3335, k.morgan@dot.state.fl.us

Education And Outreach, Michael A. Olka, P.E., M.ASCE, Chair, 3508 Deerfield Rd, Casselberry, FL 32707, (407)384-4412 EXT 3569, (407) 366-3356, molka@gfnet.com

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Membership, Chris Rader, P.E., M.ASCE, Chair, City of Altamonte Springs, 225 Newburyport Avenue, Altamonte Springs, FL 32701, (407)571-8712, CRader@altamonte.org

Structural Eng. Institute Chap, Kenneth T. Zagers, P.E., M.ASCE, Chair, 208 Brooklands Way, Deland, FL 32724, (407) 538-5432, (407)806-4500, ken.zagers@atkinsglobal.com

T&D Institute Chapter, Frank E. Caruso, P.E., M.ASCE, Chair, 4401 Clear River Ct, Orlando, FL 32817-1431, (407)920-8662, frank.caruso@lochrane.com

Younger Member Forum, Alexander W. Hinkle, A.M.ASCE, President, awhinkle@gmail.com

Gainesville Branch (1949)

Area: In FLORIDA, Counties of Volusia, Columbia, Suwanee, Lafayette, Dixie Gilchrist, Union, Bradford, Alachua, Putnam, Levy and Marion.

Rachel A. Haeseler, P.E., M.ASCE, Branch President, 306 NE 7th Ave, Gainesville, FL 32601, (352)393-1618, haeselerra@gru.com; Stuart I. Cullen, P.E., M.ASCE, Branch Vice President, George F. Young, Inc, 1905 South Main Street, Gainesville, FL 32601, (352)378-1444 EXT 208, (352)372-2502, scullen@georgefyoung.com; Andrea L. Zable, P.E., P.E., M.ASCE, Branch Past-President, 1128 SW 14th Ave Apt B, Gainesville, FL 32601-2847, (407) 810-2653, alzable@gmail.com; Keith L. Butts, P.E., M.ASCE, Branch Treasurer, 9347 SW 84th Street, Gainesville, FL 32608, (352) 258-2710, (352) 336-7914, kbutts@universalengineering.com

Awards, Andrea L. Zable, P.E., P.E., M.ASCE, Chair, 1128 SW 14th Ave Apt B, Gainesville, FL 32601-2847, (407) 810-2653, alzable@gmail.com
Community Service, Jerry A. Steinberg, Ph.D., P.E., M.ASCE, Chair, Water & Air Rsch, 6821 S W Archer Rd, Gainesville, FL 32608, (352) 372-1500, (352) 378-1500, jsteinberg@waterandair.com

Engineering Outreach, Michael S. Malo, P.E., M.ASCE, Chair, 4229 NE 17th Terrace, Gainesville, FL 32609, (352) 214-3115, michael.s.malo@gmail.com

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Younger Members, Russell T. Kiger Jr., A.M.ASCE, Chair, 12742 74th Path, Live Oak, FL 32060-9210, (772) 532-0739, rtk@srwmd.org

Jacksonville Branch (1951)
Area: In FLORIDA, Counties of Nassau, Baker, Duval, Clay, St. Johns and Flagler.
Toan T. Nguyen, A.M.ASCE, Branch President, 1064 Rene Ct, Orange Park, FL 32065, (904)265-3030, toantonynguyen@gmail.com; Caitlin F. Cannon, A.M.ASCE, Branch Vice President, 6000 San Jose Blvd Apt 6A, Jacksonville, FL 32217-2104, (904) 450-4264, (904) 396-1143, caitlin.cannon@usa.net; Danny R. Waltermeyer, A.M.ASCE, Branch Past-President, dwaltermeyer@cwien.com; Lana Khanachet, A.M.ASCE, Branch Secretary, 7907 Woodleigh Dr., Jacksonville, FL 32211, (904)228-1937, (904)265-3031, Lkhanachet@gmail.com; Rachel A. Klinger, A.M.ASCE, Branch Treasurer, Geosyntec Consultants, 1200 Riverplace Blvd Ste 710, Jacksonville, FL 32207-1804, (904) 450-4264, (904) 479-1143, rklinger@geosyntec.com; Lana Khanachet, A.M.ASCE, Branch Newsletter Editor, 7907 Woodleigh Dr., Jacksonville, FL 32212, (904)228-1937, (904)265-3031, Lkhanachet@gmail.com; Corey T. Chascin, A.M.ASCE, Branch Webmaster, 13832 Hollow Log Ct, Jacksonville, FL 32224-1198, corey.chascin@amec.com

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Miami-Dade Branch (1976)
Area: In FLORIDA, Dade and Monroe Counties.
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EWRI, Naila Hosein, P.E., M.ASCE, President, Westhorp & Associates, Inc., 8101 Biscayne Boulevard Suite 307, Miami, FL 33138, (305) 759-4757, naila.hosein@westhorp.com

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Nominating, Barton J. Fye, P.E., M.ASCE, Chair, Westhorp & Associates, Inc., 8101 Biscayne Blvd Suite 307, Miami, FL 33138, (305) 759-4757, (305) 759-4758, barton.fye@westhorp.com

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Younger Members, Angela Baron, A.M.ASCE, Chair, abaron@chenmoore.com

Palm Beach Branch (1952)
Area: In FLORIDA, the County of Palm Beach.
Ravi Shankar Kadambala, P.E., A.M.ASCE, Branch President, CDM, 1601 Belvedere Rd Ste 400, West Palm Beach, FL 33406-1541, (561) 689-3336, (561) 689-9713, kadambalar@cdmsmith.com; Tzufti Boyle, P.E., M.ASCE, Branch Vice President, 7383 Briella Dr, Boynton Beach, FL 33437-3767, (561) 739-6279, truifi.boyle@gmail.com; Camille Dominguez, P.E., M.ASCE, Branch Past-President, 3392 Quantum Lakes Dr, Boynton Beach, FL 33426-8339, (561) 324-7689, camille.dominguez@gmail.com; Brent Whitfield, P.E., M.ASCE, Branch Secretary, PBS & J, 133 Duke Dr, Lake Worth, FL 33460-6319, (561)582-0383, bwhitfield@adaeng.net; Julia P. Flint, A.M.ASCE, Branch Treasurer, 1716 Florida Ave, West Palm Beach, FL 33401-7024, (772) 233-8619, julie.flint@kimley-horn.com; Brent Whitfield, P.E., M.ASCE, Branch Newsletter Editor, PBS & J, 133 Duke Dr, Lake Worth, FL 33460-6319, (561)582-0383, bwhitfield@adaeng.net

Community Outreach & Fundraising, James H. Barton, P.E., M.ASCE, Chair, Chen and Associates, 500 W Cypress Creek Rd STE 630, Ft Lauderdale, FL 33309-2146, (954) 730-0701, (954) 730-2030, jbarton@chenmoore.com

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Younger Members, Paula A. Fonseca, A.M.ASCE, Chair, 23256 Liberty Bell Terrace, Boca Raton, FL 33433, (954)806-7392, aleja_fon@hotmail.com

Ridge Branch (1968)
Area: In FLORIDA, Counties of Polk, Highlands and Glades.
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Younger Members, Manuel Monreal Jr., P.E., M.ASCE, Chair, 1689 Holton Rd, Lakeland, FL 33810, (863)533-7000, (863)533-7888, mmonreal@pbsj.com

Southwest Branch (1976)
Area: In FLORIDA, Counties of Collier, Hendry, Charlotte and Lee.
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Suncoast Branch (1984)
Area: In FLORIDA, Counties of Sarasota, Manatee, Hardee and DeSoto.
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Tallahassee Branch (1967)
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West Coast Branch (1951)
Area: In FLORIDA, Counties of Citrus, Hernando, Pasco, Hillsborough and Pinellas.
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Younger Member Forum, Hong Ting Chiu, A.M.ASCE, President, 201 N. Franklin Street Suite 550, Tampa, FL 33602, (562)726-2448, chiu@samuelhtc.com

Georgia Section (1912)
Area: All GEORGIA, except Counties of Columbia, Lincoln and Redmond.
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Fall Line Branch (1987) (inactive)
Area: In GEORGIA, Counties of Muscogee, Talbot, Upson, Warren, Monroe, Jones, Baldwin, Hancock, McDuffie, Chattahoochee, Marion, Schley, Taylor, Macon, Crawford, Peach, Houston, Bibb, Twiggs, Stewart, Webster, Bleckley, Wilkinson, Laurens, Washington, Johnson, Glascock and Jeff.

Northeast Branch (1987)
Area: In GEORGIA, Counties of Oglethorpe, Wilkes, Taliaferro, Morgan, Greene, Barrow, Jackson, Madison, Elbert, Oconee, Clark, Union, Towns Rabun, Lumpkin, White, Hall, Habersham, Stephens, Banks, Franklin and Hart.

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Savannah Branch (1951)
Area: In GEORGIA, Counties of Chatham, Effingham, BRun, Bulloch, Liberty, McIntosh, Glynn, Screven, Evans, Long and Wayne.

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South Metro Branch (2011)
Area: In GEORGIA, All those areas south of I-20 to include parts of Douglas, Carroll, Fulton, Clayton, Rockdale, Henry, Butts, Fayette, Coweta, Heard, Troup, Meriwether, Pike, Upson and Lamar Counties.

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Hawaii Section (1937)
Area: All HAWAII.

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Golf Tournament, Roger W. Babcock Jr., P.E., M.ASCE, Chair, Dept Of Civil Engineering,
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Hellenic (Greece) Section (2012)

Area: ALL Greece.

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ORGANIZATION OF MEMBERSHIP

Hong Kong Section (1998)

Area: All of the HONG KONG Special Administration Region of CHINA.
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Illinois Section (1916)

Area: In ILLINOIS, Counties of Boone, Bureau, Cook, DeKalb, DuPage, Grundy, Jo Daviess, Kane, Kendall, Lake, LaSalle, McHenry, Ogle, Putnam, Stephenson, Will and Winnebago.
Patrick M. Lach, P.E., M.ASCE, President, Hey & Associates, Inc., 8755 W. Higgins Rd Suite 835, Chicago, IL 60631, (773)693-9200 EXT 12, plach@heyassoc.com; Michael J. MacKinnon, P.E., M.ASCE, President-elect, 835 Violet Cir, Naperville, IL 60540, (312) 878-4854, michael.mackinnon@gmail.com; Louis V. Arrigoni, P.E., M.ASCE, Past President, Terra Engineering LTD, 225 W Ohio St 4th Floor, Chicago, IL 60654, (312)467-0125, (312)467-0220, larrigoni@terraengineering.com; Thera A. Baldauf, P.E., M.ASCE, Secretary, 4515 N Hamilton Ave Apt 2E, Chicago, IL 60625, (847) 363-9736, (312) 831-3889, Therabaldauf@mwhglobal.com; Jennifer K. Gora, P.E., M.ASCE, Treasurer, 1111 South Lombard Avenue, Oak Park, IL 60304, (312) 404-8168, jgora@hntb.com; Mukul Pal, A.M.ASCE, Newsletter Editor, HDR, Inc., 8550 W Bryn Mawr Ave Suite 900, Chicago, IL 60631, (847) 256-0373, mukul.pal@gmail.com; Mukul Pal, A.M.ASCE, Webmaster, HDR, Inc., 8550 W Bryn Mawr Ave Suite 900, Chicago, IL 60631, (847) 256-0373, mukul.pal@gmail.com

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India Section (1989)

Area: All INDIA.
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Eastern Region

Area: All Eastern Regions Including Arunachal Pradesh; Assam; Bihar; Chhattisgarh; Jharkhand; Manipur; Meghalaya; Mizoram; Nagaland; Orissa; Sikkim; Tripura; West Bengal
Sandip K. Deb, M–.ASCE, Branch President, 2nd Floor 36 Sadananda Rd, Kolkata, WB 700026 IND, sandip@valuedeob.com; Srirup Mitra, CP, M.ASCE, Branch Secretary, AECOM, CF327 SECTOR-1 Salt Lake, Kolkata, WB 700064 IND, srirupm@gmail.com; Rudraprasad Bhattacharyya, M.ASCE, Branch Treasurer, Jagadhratri Apartment, Block-B, Flat No-C-1 114,Feeder Road, Kolkata, WB 700056 IND, rudraprasad.civil@gmail.com
Western Region
Area: All Western Region including Dadra and Nagar Haveli; Daman and Diu; Gujarat; Goa; Madhya Pradesh; Maharashtra; Rajasthan

Arvind B. Shah, P.E., F.ASCE, Branch President, 6 Satya Sadan Near Aurora Theatre Matunga King circle, Mumbai, MH 400019 IND, arvindsbshah@gmail.com; Ravi Sinha, M.ASCE, Branch Secretary, India Institute of Technology, Department of Civil Engineering IIT Powai, Mumbai, MH 400076 IND, rsinha@civil.iitb.ac.in; Ravindra J. Ringshia, M.ASCE, Branch Treasurer, Ringshia Group, Raviraj 2nd Floor Malviya Road Opp State Bank Of Hyderabad, Mumbai, MH 400057 IND, ringshia@yahoo.com

Northern Region
Area: All Northern Region including Chandigarh; Himachal Pradesh; Haryana; Jammu and Kashmir; National Capital Territory of Delhi; Punjab; Uttarakhnd; Uttar Pradesh

Satish K. Vij, M.ASCE, Branch President, A-1/20 3rd Floor Safdarjung Enclave, New Delhi, ND 110029 IND, skvij@hotmail.com; Arif A. Siddiqui, CP, M.ASCE, Branch Secretary, arisidi@gmail.com; N.T. Rao, M.ASCE, Branch Treasurer, ICT Pvt, Ltd, A-9, Green Park, New Delhi, ND 110016 IND, ntr@rediffmail.com

Southern Region
Area: All Southern Region including Andaman and Nicobar Islands; Andhra Pradesh; Karnataka; Kerala; Lakshadweep; Puducherry; Tamil Nadu

B K Raguprasad, Ph.D., A.M.ASCE, Branch President, Indian Institute of Science, Bangalore, Malleswaram S Southern Region, Bangalore, Kt 560003 IND, bkr@civil.iisc.ernet.in; Kunjerry P. Pradeep, Aff.M.ASCE, Branch Secretary, M.B. Publishers Pvt., Ltd., 102/11, Tripti Apartment Marshall Road, Egmore, Chennai, TN 600008 IND, diconnett@yahoo.com; Srinivas P. Anchuri Sr., R.A., A.M.ASCE, Branch Treasurer, Anchuri & Anchuri, 1-11-248/3,Shamlal Bldg. Begumpet Sp Road, Hyderabad, AP 500016 IND, spanchuri@gmail.com

Indiana Section (1931)
Area: All INDIANA.

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Central Branch (1967) (inactive)
Area: In INDIANA, Counties of Benton, Carroll, Cass, Clinton, Fountain, Montgomery, Parke, Tippecanoe, Vermillion, Warren and White.

Metropolitan Indianapolis Branch (1966)
Area: In INDIANA, Counties of Bartholomew, Boone, Brown, Clay, Dearborn, Decatur, Delaware,ayette, Franklin, Hamilton, Hancock, Hendricks, Henry, Howard, Johnson, Madison, Marion, Morgan, Ohio, Putnam, Randolph, Ripley, Rush, Shelby, Tipton, Union, Vigo and Wayne.

William L. Bailey Jr., P.E., M.ASCE, Branch President, CRAWFORD MURPHY AND TILLY INC, 8790 Purdue Road, Indianapolis, IN 46268, (317) 298-4500, wbailey@cmtengr.com; Christa K. Petzke, A.M.ASCE, Branch Vice President, 10130 Bahamas Circle, Fishers, IN 46037, (317)407-4914, cpetzke@d2lwr.com; Ross E. Snider, P.E., M.ASCE, Branch Past-President, 9902 Shahan Court, Indianapolis, IN 46256, (317) 845-4216, (317) 544-4997, rsnider@usiconsultants.com; Christa K. Petzke, A.M.ASCE, Branch President-Elect, 10130 Bahamas Circle, Fishers, IN 46037, (317)407-4914, cpetzke@d2lwr.com; Michael S. Wigger, A.M.ASCE, Branch Secretary, 6864 Woodridge Drive, Avon, IN 46123, (317) 272-8173, (317) 273-2250, mwigger@earthengr.com; Maceo R. Lewis IV, P.E., M.ASCE, Branch Treasurer, 9880 Blue Ridge Way, Indianapolis, IN 46234, lewism@
North Central Branch (1966)
Area: In INDIANA, Counties of Elkhart, Fulton, Kosciusko, La Porte, Marshall, St. Joseph and Starke.
Kara M. Boyles, P.E., M.ASCE, Branch President, American Structurepoint, Inc., 211 West Washington Ste., 2410, South Bend, IN 46601, (574) 287-2231, kboyles@structurepoint.com; Zachary S. Smith, A.M.ASCE, Branch Vice President, 436 Sunnyside Ave., South Bend, IN 46617-1829, (260) 444-7416, zsmith@lawson-fisher.com; Ryan Carrington, P.E., M.ASCE, Branch Past-President, 23626 Ashton Ct., Elkhart, IN 46517, (574) 236-4400, rcarrington@dlz.com; Zachary S. Smith, A.M.ASCE, Branch President-Elect, 436 Sunnyside Ave., South Bend, IN 46617-1829, (260) 444-7416, zsmith@lawson-fisher.com; Bryan W. Slott, A.M.ASCE, Branch Secretary, 52100 Jesse Ct, Granger, IN 46530, (574) 674-5169, bslott24@yahoo.com; Bryan W. Slott, A.M.ASCE, Branch Treasurer, 52100 Jesse Ct, Granger, IN 46530, (574) 674-5169, bslott24@yahoo.com
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Northeast Branch (1960)
Area: In INDIANA, Counties of Adams, Allen, Blackford, DeKalb, Grant, Huntington, Jay, LaGrange, Miami, Noble, Steuben, Wabash, Wells and Whiteley.
Bradford L. Ewart II, P.E., M.ASCE, Branch President, Patriot Engineering and Environmental, I, 1000 Airport North Office Park Suite B, Fort Wayne, IN 46825, (260) 490-1112, (260) 490-2071, bewart@patrioteng.com; Nathan Rumschlag, P.E., M.ASCE, Branch Vice President, 1234 Woodridge Dr, Decatur, IN 46733, (260) 547-4488, nate.r@cleanthestream.com; David P. Devine, P.E., L.S., M.ASCE, Branch Past-President, 52100 Jesse Ct, Granger, IN 46530, (574) 674-5169, bslott24@yahoo.com; Bryan W. Slott, A.M.ASCE, Branch Treasurer, 52100 Jesse Ct, Granger, IN 46530, (574) 674-5169, bslott24@yahoo.com
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North Central Branch (1966)
Area: In INDIANA, Counties of Elkhart, Fulton, Kosciusko, La Porte, Marshall, St. Joseph and Starke.
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Younger Members, Jared M. Huss, P.E., M.ASCE, Chair, Lawson Fisher Assoc PC, 525 W Washington Ave, South Bend, IN 46601, (574) 234-3167, (574) 236-1330, jhuss@lawson-fisher.com

Northeast Branch (1960)
Area: In INDIANA, Counties of Adams, Allen, Blackford, DeKalb, Grant, Huntington, Jay, LaGrange, Miami, Noble, Steuben, Wabash, Wells and Whiteley.
Bradford L. Ewart II, P.E., M.ASCE, Branch President, Patriot Engineering and Environmental, I, 1000 Airport North Office Park Suite B, Fort Wayne, IN 46825, (260) 490-1112, (260) 490-2071, bewart@patrioteng.com; Nathan Rumschlag, P.E., M.ASCE, Branch Vice President, 1234 Woodridge Dr, Decatur, IN 46733, (260) 547-4488, nate.r@cleanthestream.com; David P. Devine, P.E., L.S., M.ASCE, Branch Past-President, 4112 Hampshire Dr, Fort Wayne, IN 46815, (260) 486-8842,
Northwest Branch (1951) (inactive)
Area: In INDIANA, Counties of Jasper, Lake, Newton, Porter and Pulaski.

Southwest Branch (1963)
Area: In INDIANA, Counties of Clark, Crawford, Daviess, Dubois, Floyd, Gibson, Greene, Harrison, Jackson, Jefferson, Jennings, Knox, Lawrence, Martin, Monroe, Orange, Perry, Pike, Posey, Scott, Spencer, Sullivan, Switzerland, Vanderburgh, Warrick and Washington.

Indonesia Section (1994)
Area - All INDONESIA.
Bambang Trigunarsyah, M.ASCE, President, 66 Grout Street MacGregor, Brisbane, QLD 4109 AUS, btriguna@gmail.com

Inland Empire Section (1914)
Area: In IDAHO, Counties of Boundary, Bonner, Kootenai, Shoshone, Benewah, Latah, Clearwater, Nez Perce and Lewis; In WASHINGTON, Counties of Okanogan, Ferry, Stevens, Pend Orielle, Spokane, Lincoln, Douglas, Chelan, Grant, Adams, Whitman, Garfield and Asotin.

Iowa Section (1920)
Area: All IOWA except Counties of Clinton, Scott and Muscatine.
ORGANIZATION OF MEMBERSHIP

Annual Meeting, Joseph Spradling, P.E., M.ASCE, Chair, HDR ENGINEERING, INC, 300 E Locust St Ste 210, Des Moines, IA 50309-1823, (773) 263-6025, (515) 280-4955, JOSEPH.SPRADLING@HDRINC.COM

Awards, Gary L. Reed, P.E., M.ASCE, Chair, Civil Design Advantage, 3405 SE Crossroads Dr Ste G, Grimes, IA 50111-5051, (515) 369-4400, (515) 369-4410, garyreed@civildesignadvantage.com

History & Heritage, Stephen E. Jones, P.E., M.ASCE, Chair, 30530 Doe Circle, Huxley, IA 50124, (515) 597-3406, (515) 294-8216, sejones@iastate.edu

Membership, Aaron D. Granquist, P.E., M.ASCE, Chair, 465 Carlyle Drive, North Liberty, IA 52317, (319)626-9090, agranquist@meceresults.com

Nominating & Auditing, Gary L. Reed, P.E., M.ASCE, Chair, Civil Design Advantage, 3405 SE Crossroads Dr Ste G, Grimes, IA 50111-5051, (515) 369-4400, (515) 369-4410, garyreed@civildesignadvantage.com

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Younger Members, Brian A. Boelk, P.E., M.ASCE, Contact, 610 Eastbury Drive, Iowa City, IA 52245, (319)358-2937, bboelk@hbkengineering.com

Ithaca Section (1932)

Area: In NEW YORK, Counties of Steuben, Seneca, Schuyler, Chemung, Tioga, Tompkins, Cortland, Chenango and Broome.

Beth Ann Smith, P.E., M.ASCE, President, 309 Frenchs Bay Rd, Tully, NY 13159, (315) 696-8608, BethAnnSmith@GHD.com; Thomas W. Farlow, P.E., M.ASCE, Past President, 18 Atwater Road, Lansing, NY 14882, (607) 592-6084, twfarlow@gmail.com; Eduardo Torres, A.M.ASCE, Secretary, Department of Public Works, 108 E. Green St, City Hall Rm. 203, Ithaca, NY 14850, (607) 274-6422, (607) 274-6587, ets2875@yahoo.com; Eugene E. Rood, P.E., M.ASCE, Treasurer, PO Box 602, Oxford, NY 13830, (607) 226-4032, rood@chanengengineering.com; Addisu Gebre, Aff.M.ASCE, Newsletter Editor, 2205 N Triphammer Rd Apt P1E, Ithaca, NY 14850-1538, (607) 220-7581, (607) 274-6587, addisutesfaye@yahoo.com; Elizabeth D. Dewalt, P.E., M.ASCE, Webmaster, 488 Thomas Road, Ithaca, NY 14850, (607) 539-6666, edewalt@twcny.rr.com

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Professional Development Symposium, Beth Ann Smith, P.E., M.ASCE, Chair, 309 Frenchs Bay Rd, Tully, NY 13159, (315) 696-8608, BethAnnSmith@GHD.com

Professional Resume Review, Kelly H. Hastings, A.M.ASCE, Chair, 3268 Pennsylvania Ave, Apalachin, NY 13732-2808, (607)377-9742, (607)846-2570, kelly.hastings@accessmidstream.com

Younger Members, Kelly H. Hastings, A.M.ASCE, Co-Chair, 3268 Pennsylvania Ave, Apalachin, NY 13732-2808, (607)377-9742, (607)846-2570, kelly.hastings@accessmidstream.com; Todd R. Mueller, Co-Chair

Japan Section (1988)

Area: All JAPAN except the Kansai region.

Michio Okahara, Ph.D., C.Eng, M.ASCE, President, 10-16 Hiradai 2 Chome Ryugasaki-Shi, Ibaraki Ken, 3010003 JPN, okaharamichio@jcom.home.ne.jp; Hiroshi Dobashi, D.Eng., P.E., A.M.ASCE,
188 SECTIONS AND BRANCHES

Vice President, 1-4-16-801 Hon-cho Toda-shi, Saitama, 335-0023 JPN, HIDOBASHI@VANILLA.OCN.NE.JP; Tadahiko Okamura, Ph.D., P.E., L.S., F.ASCE, Vice President, okamura@ena.or.jp; Naoki Nakazawa, D.Eng., C.Eng., A.M.ASCE, Secretary, 1-12-5 Tamagawa Den-En-Chofu Tokyo, Setagaya, 158-0085 JPN, nakazawan@nifty.com; Makoto Suzuki, D.Eng., M.ASCE, Treasurer, 1116-6-509 Suenaga Takatsu-Ku FN, Kawasaki, 213-0113 JPN, makoto.suzuki@shimz.co.jp

Kansai Branch (1988)
Area: In JAPAN, Kansai region
Hitoshi Furuta, M.ASCE, Branch President, KANSAI UNIVERSITY, Dept of Informatics 1-1 2-Chome Ryozenji Cho Takatsuki, Osaka, 569-1095 JPN, furuta@res.kutc.kansai-u.ac.jp; Yasuhiro Nakano, Branch Secretary, 6-8-8 Hojo Daito-Shi, OSAKA, JPN

Kansas Section (1920)
Area: All of KANSAS, except counties of Wyandotte and Johnson.
Alexander M. Darby, P.E., M.ASCE, President, Professional Engineering Consultants, 1263 SW Topeka Blvd, Topeka, KS 66612, (785) 233-8300, alex.darby@pec1.com; Thomas E. Mulinazzi, Ph.D., P.E., F.ASCE, President-elect, 1530 W 15th Street Civil Engineering, Lawrence, KS 66045, (785) 864-2928, (785) 864-5631, tomm@ku.edu; Howard Lubliner, P.E., M.ASCE, Past President, 901 W 28th Ter, Lawrence, KS 66046, (785) 760-4611, howard@ksdot.org; Michael J. Stewart, P.E., M.ASCE, Secretary, 4236 SW Cambridge Ave, Topeka, KS 66610, (785) 233-8300, michael.stewart@pec1.com; Kevin P. Koester, P.E., M.ASCE, Treasurer, koester@ksdot.org; Matt L. Hinchaw, A.M.ASCE, Webmaster, 3122 W 29th Ter, Lawrence, KS 66047-3909, (913) 484-3808, mhinshaw@ksdot.org
Activities. Benjamin R. Ware, S.M.ASCE, Chair, 619 Saratoga Pl, Lawrence, KS 66046-4672, (515)975-7807, bware@ksdot.org
Younger Member Forum, Ryan Sims, P.E., M.ASCE, President, Kansas Department of Transportation, 4700 W. 27th St. Apt. II-4, Lawrence, KS 66047, (785)368-8256, (785)296-4255, rsims@ksdot.org

Wichita Branch (1962)
Damian Rottinghaus, A.M.ASCE, Branch President, Parsons Brinckerhoff, 225 N. Market, Suite 350, Wichita, KS 67202, (316)263-6121, Rottinghaus@pbworld.com; Timothy R. Davidson, P.E., M.ASCE, Branch Vice President, 1525 N Ahenian Ave, Wichita, KS 67203, (913)742-0771, Haughtymale@hotmail.com; Michael D. Bailey, P.E., M.ASCE, Branch Past-President, TranSystems, 245 N Waco, Suite 222, Wichita, KS 67202, (316)303-3000, mdbailey@transystems.com; Timothy R. Davidson, P.E., M.ASCE, Branch President-elect, 1525 N Ahenian Ave, Wichita, KS 67203, (913)742-0771, Haughtymale@hotmail.com; Chad C. Banka, A.M.ASCE, Branch Secretary, TranSystems, 245 N Waco St Ste 222, Wichita, KS 67202-1131, (913) 636-5701, ccbanka@transystems.com; Gyanendra Pokhrel, P.E., M.ASCE, Branch Treasurer, KE Miller Engineering, 117 E Lewis St, Wichita, KS 67202-3707, (316)264-0242, (316)264-0927, guy@kemiller.com; Lynn T. Packer, P.E., M.ASCE, Branch Webmaster, Sedgwick County Public Works, 1144 S Seneca, Wichita, KS 67213, (316) 660-1766, lpacker@sedgwick.gov

Kansas City Section (1921)
Sheryl D. Gallagher, P.E., M.ASCE, President, 9706 E Clarksboro Drive, Liberty, MO 64068, (816)536-0344, (913) 438-1923, s_gallagher@geotechnology.com; Jennifer C. Jacka-Taylor, P.E.,
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Geotechnical, James M. Landrum, P.E., M.ASCE, Chair, 8417 Redbird Street, Lenexa, KS 66227, (816) 363-3481, plandrum@kc.rr.com

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Kentucky Section (1936)

Area: All KENTUCKY, except Counties of Boone, Kenton, and Campbell.

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Nominating, Timothy C. Barnett Jr., P.E., Chair, 2319 Broadmeade Rd, Louisville, KY 40205, (502)214-0812, tniemann@rjn.com

KGEG, Daniel A. Gilbert, P.E., Contact, daniel.gilbert@stantec.com

Nominating, Timothy C. Barnett Jr., P.E., M.ASCE, Chair, HDR Inc, 2517 Sir Barton Way, Lexington, KY 40509-2275, (859) 806-6267, (859)223-3150, craig.barnett@hdrinc.com

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Bluegrass Branch (1979)

Area: In KENTUCKY, Counties east of and including Clinton, Russell, Casey, Lincoln, Garrard, Jessamine, Fayette, Bourbon, Harrison, Grant and Pendleton

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Younger Members, Matthew I. Armstrong, A.M.ASCE, Co-Chair, 3878 Joshua Circle, Lexington, KY 40514, (513) 257-9399, armstrmw@gmail.com; Kenneth R. Bussey Jr., P.E., M.ASCE, Co-Chair, ICA Engineering, 1510 Newtown Pike Suite 108, Lexington, KY 40511-1255, (859)455-3878, (859)455-8379, kbussey@icaeng.com

Frankfort Branch (1980)

Area: In KENTUCKY, Counties of Carroll, Gallatin, Owen, Franklin, Scott, Anderson, Woodford, Washington, Mercer and Boyle.

J Scott Thomson, M.ASCE, Branch President, Kentucky Transportation Cabinet, 200 Mero St. 5th Floor West Div of Planning, Frankfort, KY 40622, (502)782-5086, scott.thomson@ky.gov

Louisville Branch (1978)

Area: In KENTUCKY, Counties of Bullitt, Hardin, Henry, Jefferson, Meade, Nelson, Oldham, Shelby, Spencer and Trimble.

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Lehigh Valley Section (1922)

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Los Angeles Section (1913)
Area: In CALIFORNIA, counties of Mono, Inyo, San Luis Obispo, Kern, Santa Barbara, Ventura, Los Angeles, San Bernardino, Riverside and Orange.

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Younger Member Forum, Ravi Shah, P.E., M.ASCE, Chair, ravi.shah@hdrinc.com

Desert Area Branch (1953)
Area: In CALIFORNIA, Counties of Inyo and Mono.
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Metropolitan Los Angeles Branch (1997)
Area: In CALIFORNIA, the County of Los Angeles.
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**Younger Member Forum**, Chen-Min Huang, P.E., M.ASCE, President, 4501 Kathy Drive, La Palma, CA 90623, (562) 924-2994, geo1636@yahoo.com

**Orange County Branch (1953)**

Area: In CALIFORNIA, the County of Orange.

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**Environmental**, Mujahid M. Chandoo, P.E., M.ASCE, Chair, mcchandoo@rbf.com

**Disaster Preparedness**, Ziad Mazboudi, SAP, P.E., F.ASCE, Chair, 10 Koso Place, Rancho St Margarita, CA 92688, (949) 766-9462, (949) 493-1251, ziadmazboudi.asce@gmail.com

**Orange County Geo-Institute**, Clint I. Isa, P.E., M.ASCE, Chair, Diaz Yourman & Associates, 1616 E. 17th St, Santa Ana, CA 92705, (714)245-2920, (714)245-2950, ci_issa@hotmail.com

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**K-12 Outreach**, Brianna M. Arth, A.M.ASCE, Chair, 3575 Hamilton St, Irvine, CA 92614, (559) 999-3868, brianna.arth@gmail.com

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**Public Infrastructure Coa**, Yazdan T. Emrani, P.E., M.ASCE, Chair, 15 Diamondgate, Aliso Viejo, CA 92656, (831) 755-4831, (831) 755-4958, yazemrani@gmail.com

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**Sustainability**, Issam M. Ali, P.E., F.ASCE, Chair, 56 Ashwood, Irvine, CA 92604, (949) 733-2528, hariri@cox.net

**Transportation**, Shafi M. Sharifan, P.E., M.ASCE, Chair, 24 Ponders End, Laguna Niguel, CA 92677, (949) 443-9241, (714) 456-0295, ssharifan@pbsj.com
San Bernardino-Riverside Branch (1953)
Area: In CALIFORNIA, Counties of San Bernardino and Riverside.

Branch Officer, Edwin Quinonez, P.E., M.ASCE, Branch President, 22061 Monoic Drive, Moreno Valley, CA 92557, (951) 955-1917, (951) 684-8409, eqquinonez@rcflood.org; John B. Rogers, P.E., FASCE, Branch Vice President, CLE Engineering, Inc, 41146 Elm St Ste G, Murrieta, CA 92562-9547, (951) 676-0792, (951) 698-8656, jrogers@cleengineering.com; William M. Addington, P.E., L.S., M.ASCE, Branch Past-President, CITY OF RAMONI CUCAMONGA, 10500 Civic Center Dr, Rancho Cucamonga, CA 91730, (909) 786-6800, (909) 477-2711, matthew.addington@cityofrc.us; Brandon L. Reyes, P.E., M.ASCE, Branch President-Elect, brandon.reyes@urs.com; Michael K. Sampson, Aff.M.ASCE, Branch Secretary, Albert A Webb Associates, 3788 Mc Cray St, Riverside, CA 92506-2927, (707) 695-8108, michael.sampson@webbassociates.com; Steven W. Ledbetter II, A.M.ASCE, Branch Treasurer, 2305 Chicago Avenue, Riverside, CA 92507, (951) 680-0440, (951) 680-0490, sledbetter@tkeengineering.com; Kenneth E. Cox, A.M.ASCE, Branch Newsletter Editor, Geocon Inc, 41571 Corning Pl Ste 101, Murrieta, CA 92562, (951) 304-2300, (951) 304-2392, cox@geoconinc.com; Julianna Gonzalez, A.M.ASCE, Branch Newsletter Editor, Riverside County Flood Control and Water Conservation District, 1995 Market St, Riverside, CA 92501-1719, (951) 955-8064, (951) 684-8409, juliannagonzalez@rcflood.org

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San Luis Obispo Branch (1960)
Area: In CALIFORNIA, the County of San Luis Obispo.

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Membership, Steven G. Tanaka, P.E., M.ASCE, Champion, 331 Lazon St, Morro Bay, CA 93442, (805) 544-4011, stevent@wallacegroup.us

Public Relations, Liz Moody, A.M.ASCE, Chair, lizm@cannoncorp.us

Santa Barbara-Ventura Branch (1953)
Area: In CALIFORNIA, Counties of Santa Barbara and Ventura.

James E. Winslow, P.E., M.ASCE, Branch President, 853 Cambridge Dr., Santa Barbara, CA 93111, (805) 448-9877, (805) 897-2681, jwinslow@cityofgoleta.org; Paul E. Callaway, P.E., M.ASCE,
ORGANIZATION OF MEMBERSHIP

Branch Vice President, PO Box 6101, Ventura, CA 93006, (805) 804-7720, paul@greenmountainengineering.net; Patrick Boales, CEG, A.M.ASCE, Branch Past-President, 1010 Stern Lane, Oxnard, CA 93035, (805) 642-6727, (805) 642-1325, pboales@earthsys.com; Earl B. Schwartz, P.E., M.ASCE, Branch Secretary, 4623 Calle San Juan, Newbury Park, CA 91320, (805)432-6678, earl.schwartz@valicooper.com; Autumn Glaeser, P.E., M.ASCE, Branch Treasurer, alg@penfieldsmith.com

Southern San Joaquin Branch (1970)
Area: In CALIFORNIA, the County of Kern.
Sandra L. Bergam, P.E., L.S., M.ASCE, Branch President, Dewalt Corporation, 1930 22nd Street, Bakersfield, CA 93301, (661)323-4600 EXT 125, sbergam@dewaltcorp.com; Michael E. McGovern, P.E., M.ASCE, Branch Vice President, Kern County Water Agency, PO Box 58, Bakersfield, CA 93302-0058, (661)634-1484, (661)634-1428, mmcgovern@kcwa.com; Ralph Braboy, P.E., M.ASCE, Branch Past-President, City of Bakersfield Public Works, 6901 McCutchen Road, Bakersfield, CA 93313, (661)526-3249, rbraboy@bakersfeldicity.us; Dolores Ventura, P.E., M.ASCE, Branch Secretary, IEC, 8200 Stockdale Hwy Ste M10, Bakersfield, CA 93311-1029, (661)748-3893, dventura@iecincorporation.com; Daniel S. Cronquist, P.E., P.L.S., M.ASCE, Branch Treasurer, 420 Tierra Verde Apt 7, Bakersfield, CA 93301, (661) 325-7253, (661) 395-0359, daniel.cronquist@aecom.com

Younger Members, Pelin Bektur, P.E., M.ASCE, President, 5308 Headlands Dr., Bakersfield, CA 93312, (661)268-4348, (661)862-8851, bekturp@co.kern.ca.us

Louisiana Section (1914)
Area: All LOUISIANA.
Robert W. Jacobsen, P.E., M.ASCE, President, 7504 Menlo Drive, Baton Rouge, LA 70808, (225) 767-1490, bobjacobse@gmail.com; Pamela Gonzales, P.E., M.ASCE, President-elect, HDR Engineering, Inc., 201 Rue Iberville Ste 115, Lafayette, LA 70508-3281, (337)266-2341, pamelagonzales@hdrinc.com; Christopher G. Humphreys, P.E., M.ASCE, Vice President, Professional Service Ind Inc, 724 Central Ave, Jefferson, LA 70121, (504) 733-9411, (504) 733-9415, chris.humphreys@psiusa.com; Kurt M. Nixon, P.E., L.S., M.ASCE, Past President, 401 Hamilton Road, #120, Bossier City, LA 71111, (318)747-9669, knixon@nixoneng.com; Matthew D. Redmon, P.E., M.ASCE, Secretary, Professional Service Industries, Inc. (PSI), 4123 Curtis Ln, Shreveport, LA 71109, (318)631-5547, Matt.redmon@psiusa.com; Matthew D. Redmon, P.E., M.ASCE, Treasurer, Professional Service Industries, Inc. (PSI), 4123 Curtis Ln, Shreveport, LA 71109, (318)631-5547, Matt.redmon@psiusa.com; Nedra S. Davis, A.M.ASCE, Newsletter Editor, 622 Steele Blvd., Baton Rouge, LA 70806, (225) 333-8234, nedrasedavis@gmail.com; Christopher L. Sanchez, P.E., M.ASCE, Webmaster, 461 Alphonse Dr, Metairie, LA 70006, (504) 218-0916, clsanchez77@cox.net

Special Activities & Awards, Luke Hebert, P.E., M.ASCE, Chair, 202 Captain Rick Drive, Youngsville, LA 70592, (337) 706-7189, (337) 232-3299, luke@fenstermaker.com

Government Relations, Jeffrey L. Duplantis, P.E., F.ASCE, Chair, 3939 Indian Run Drive, Baton Rouge, LA 70816, (225) 926-3991, jeffrey.l.duplantis@mwhglobal.com

Membership, Patrick K. Furlong, P.E. M.ASCE, Chair, 586 Unadilla St, Shreveport, LA 71106-1240, (318) 393-5363, patrick.furlong@shreveportla.gov

Acadiana Branch (1982)
Area: In LOUISIANA, Parishes of Acadia, Allen, Avoyelles, Beauregard, Calcasieu, Cameron, Evangeline, Iberia, Jefferson Davis, Lafayette, Rapides, St. Landry, St. Martin, St. Mary, Vermilion and Vernon.
William T. Roy, A.M.ASCE, Branch President, 316 Lebesque Rd, Lafayette, LA 70507, (337) 334-6077, (337) 334-6678, troy@wilcomarshbuggies.com; Eric T. Mcleanahan, P.E., M.ASCE, Branch Past-President, 202 Park West Drive, Scott, LA 70583, (337)281-1715, ericmclean11877@yahoo.com; Beau J. Tate, P.E., M.ASCE, Branch President-Elect, Royal Engineers & Consultants, 1231 Camellia Blvd., Lafayette, LA 70508, (337) 456-5351, (337) 456-5356, bate@royalengineering.net; Jasmine R. Galjour, P.E., S.M.ASCE, Branch Secretary, 211 Rocky Mound Dr, Lafayette, LA 70506-5042, (337)852-7957, jasmine.galjour@gmail.com; Oluronke T. Osibajo, P.E., M.ASCE, Branch Treasurer, 420 Tierra Verde Apt 7, Bakersfield, CA 93301, (661) 325-7253, (661) 395-0359, daniel.cronquist@aecom.com
Baton Rouge Branch (1962)


Russell J. Coco Jr., P.E., M.ASCE, Branch President, 9191 Siegen Lane Unit 6-A, Baton Rouge, LA 70810, (225) 927-9321, joey.coco@engensus.com; Danielle Welborn, P.E., M.ASCE, Branch Vice President, 17563 Sugar Mill Ave, Baton Rouge, LA 70817, (225) 218-9677, kirk.lowery@arcadius-us.com; Rudolph A. Simoneaux III, P.E., M.ASCE, Branch Past-President, Office of Coastal Protection and Restoration, 450 Laurel Street 11th Floor, Baton Rouge, LA 70804, (225) 342-0981, steven.l.gunter@psiusa.com; Kirk Lowery, P.E., M.ASCE, Branch President-Elect, 6533 Sandstone Avenue, Baton Rouge, LA 70808, (225) 767-3302, jennifer.shortess@la.gov; Jennifer R. Shortess, A.M.ASCE, Branch Secretary, 3938 Preakness Dr., Baton Rouge, LA 70816-4069, (225) 667-4518, steve.gunter@psiusa.com; Steven L. Gunter, P.E., M.ASCE, Branch Treasurer, 3938 Preakness Dr., Baton Rouge, LA 70816-4069, (225) 342-0981, jennifer.shortess@la.gov; Steven L. Gunter, P.E., M.ASCE, Branch Newsletter Editor, 19883 Hearthstone Dr., Denham Spring, LA 70726, (225) 892-7979, cohran@CSRSONLINE.COM

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Practitioner Advisor-Lsu, Sarah C. Laakso, M.ASCE, Contact, 10604 Jacock Road, St. Francisville, LA 70775, (225) 344-6701 EXT 1530, sarahl@fenstermaker.com

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Younger Members, Justin P. Schexnayder, A.M.ASCE, Contact, 1480 Spanish Lakes Ave, Saint Gabriel, LA 70776-5331, (225) 717-2596, justinschexnayder@gmail.com

New Orleans Branch (1962)

Area: In LOUISIANA, Parishes of Terrebonne, Lafourche, St. James, St. John the Baptist, St. Charles, Jefferson, Orleans, Plaquemines, St. Bernard, St. Tammany and Washington.

Stephen O. Johns, P.E., M.ASCE, Branch President, W S Nelson Engineers, 1200 St Charles Ave, New Orleans, LA 70130, (504) 593-5267, steven@wsnelson.com; Wesley R. Eustis, P.E., M.ASCE, Branch Vice President, Linfield, Hunter & Junius, Inc., 3608 18th St Ste 200, Metairie, LA 70002, (504) 214-3663, weustis@lhjunius.com; James R. Martin Jr., P.E., M.ASCE, Branch Past-President, 5012 Academy Dr, Metairie, LA 70003, (504) 838-6998, (504) 483-6221, jamesmartinjr@gmail.com; Lee M. Alexander, P.E., F.ASCE, Branch Treasurer-Elect, Alexander Engineering, 828 Royal Street #510, New Orleans, LA 70116, (225) 243-7405, trekker77@comcast.net; Stephen S. Nelson, P.E., M.ASCE, Branch Secretary, stepphensnelson@hotmail.com; Tonja L. Koob, P.E., M.ASCE, Branch Webmaster, 4612 Alphonse Dr, Metairie, LA 70006, (504) 218-0916, chanchez77@cox.net

Directors, Tonja L. Koob, P.E., M.ASCE, Chair, Gaea Consultants, LLC, 356 Washington Ave, New Orleans, LA 70130-2057, (504) 962-5630, tonja.koob@gaeaconsultants.com; Christopher L. Sanchez, P.E., M.ASCE, Branch Webmaster, 4612 Alphonse Dr, Metairie, LA 70006, (504) 218-0916, csanchez77@cox.net

EWI-USA, Harley S. Winer, Ph.D., P.E., D.NE, D.PE, M.ASCE, Representative, 950 Picheloup Pl, New Orleans, LA 70115, (504) 482-9678, harley.winer@atkinsglobal.com

Fall Conference, Malay Ghose Hajra, P.E., M.ASCE, Chair, 2 Fairfield Court, Metairie, LA 70001, (504) 905-8447, mghoseha@uno.edu

Geotechnical, Gwendolyn P. Sanders, P.E., M.ASCE, Chair, 3011 28th St, Metairie, LA 70002, (504) 834-0157, gsanders@eustiseng.com

Membership, Jarret E. Bauer, P.E., M.ASCE, Chair, 700 Commerce St Apt 218, New Orleans, LA 70130-7909, (504) 322-2783, j Bauer@ascellc.com

Outreach & Student Activities, Malay Ghose Hajra, P.E., M.ASCE, Contact, 2 Fairfield Court, Metairie, LA 70001, (504) 905-8447, mghoseha@uno.edu
ORGANIZATION OF MEMBERSHIP

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Shreveport Branch (1953)
Area: In LOUISIANA, Parishes of Bienville, Bossier, Caddo, Caldwell, Catahoula, Claiborne, DeSoto, East Carroll, Franklin, Grant, Jackson, LaSalle, Lincoln, Morehouse, Natchitoches, Ouachita, Red River, Richland, Sabine, Union, Webster, West Carroll and Winn.

Jonathan M. Guy, A.M.ASCE, Branch President, 419 Kennie Road, Shreveport, LA 71060-6903, (318) 518-0193, (318) 221-7635, mguy@cdg-apec.com; Dave Rambaran, P.E., M.ASCE, Branch Past-President, newton.rambaran@gmail.com; David B. Smith, A.M.ASCE, Branch President-Elect, dbs_ce@yahoo.com; Jared R. Boogaerts, A.M.ASCE, Branch Secretary, Nixon Engineering Solutions, 401 Hamilton Rd Ste 120, Bossier City, LA 71111-4615, (318)560-1554, jboogaerts@nixoneng.com; Christopher E. Myers, P.E., M.ASCE, Branch Treasurer, civil.cem026@gmail.com

Younger Members, David B. Smith, A.M.ASCE, Chair, dbs_ce@yahoo.com

Maine Section (1950)
Area: All MAINE.

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DEP Task Force, John S. Kenney, P.E., M.ASCE, Co-Chair, WBRC A/E, 44 Central Street, Bangor, ME 04401, (207) 947-4511, (207) 947-4628, john.kenney@wbrcae.com; Katherine E. Kern, M.ASCE, Co-Chair, 39 Glenridge Drive, Portland, ME 04102, (207) 781-4721, (207) 781-4753, katherine.kern@tylin.com

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History & Heritage, William C. Haskell, P.E., M.ASCE, Chair, Gorrill Palmer Consulting Engineers, Inc., PO Box 1237 15 Shaker Road, Gray, ME 04039, (207) 657-6910, whaskell@gorrillpalmer.com

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Life Members, Timothy W. Merritt, P.E., M.ASCE, Chair, STANTEC CONSULTING, 482 Payne Rd, Scarborough, ME 04074, (207) 838-8524, tim.merritt@stantec.com

Membership, William C. Haskell, P.E., M.ASCE, Chair, Gorrill Palmer Consulting Engineers, Inc., PO Box 1237 15 Shaker Road, Gray, ME 04039, (207) 657-6910, whaskell@gorrillpalmer.com

New England Council, Daniel Bouchard, A.M.ASC, Contact, 340 Mount Hunger Shore Rd, Windham, ME 04062, (207)570-9084, dbouchard@louisberger.com; John D. Kuchinski, P.E., M.ASCE, Contact, 107 Lawrence Rd, Gray, ME 04039, (207) 428-3121, jkuchinski@harriman.com

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Program, Ellen K. O’Brien, P.E., M.ASCE, Chair, 8 Go Way, Winthrop, ME 04364, (207) 377-8043, ekobrien@fairpoint.net

Awards, Philip A. Dunn Jr., P.E., M.ASCE, Chair, University of Maine, School of Engineering Technology 5711 Boardman Hall, Room 132, Orono, ME 04469, (207) 827-7660, padunnjr@hotmail.com
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Scholarship, Leslie L. Corrow, P.E., M.ASCE, Chair, Kleinschmidt, 141 Main St PO Box 650, Pittsfield, ME 04967, (207) 487-3328 EXT 243, (207)487-3124, leslie.corrow@kleinschmidrusa.com

School Age (K-12) Outreach, Lynn B. Farrington, A.M.ASCE, Contact, 10 Park Road, Saco, ME 04072, (207) 447-0080, lynn_Farrington@Yahoo.com

Transportation Conference, William C. Haskell, P.E., M.ASCE, Chair, Gorrill Palmer Consulting Engineers, Inc., PO Box 1237 15 Shaker Road, Gray, ME 04039, (207) 657-6910, whaskell@gorrillpalmer.com

Younger Members, Lynn B. Farrington, A.M.ASCE, Chair, 10 Park Road, Saco, ME 04072, (207) 447-0080, lynn_Farrington@Yahoo.com

Maryland Section (1914)

Area: All MARYLAND, except Counties of Montgomery and Prince Georges, but College Park in Prince Georges County is allocated to the Maryland Section.

David L. Borusiewicz, P.E., M.ASCE, President, Wallace Montgomery, 110 West Rd Ste 300, Towson, MD 21204, (410) 494-9093, (410) 825-5714, dborusiewicz@wallacemontgomery.com; Gerald P. Dougherty, P.E., M.ASCE, Vice President, ATCS, P.L.C., 304 Harry S. Truman Parkway Suite F, Annapolis, MD 21401, (410) 560-1280, (410) 316-7900, gdougherty@atcsplc.com; Raymond E. Streib, P.E., M.ASCE, Past President, Development Facilitators, Inc, 1127 Benfield Boulevard Suite K, Millersville, MD 21108, (443) 308-2100, (443) 308-2108, ray.streib@dfiengineering.com; Carrie Nicholson, P.E., M.ASCE, Secretary, 122 West Henrietta St, Baltimore, MD 21230, (410)843-3308, carrie@members.asce.org; Michael A. Perrotta, P.E., M.ASCE, Treasurer, Century Engineering Inc., 10710 Gilroy Road, Hunt Valley, MD 21031, (443)589-2433, (443)589-2401, mperrotta@centuryeng.com; Matthew Davis, P.E., M.ASCE, Newsletter Editor, Wallace Montgomery and Associates, 110 West Rd Ste 300, Towson, MD 21204-2365, (410)494-9093, (410)825-5741, mdavis@wallacemontgomery.com; Jacob N. Smith, A.M.ASCE, Webmaster, 123 S Robinson St, Baltimore, MD 21224, (410) 788-8795, smithjn@stvinc.com

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Education, Grant K. Autry, P.E., P.L.S., LEED AP, M.ASCE, Chair, 8039 Flora Ln, Pasadena, MD 21122-2407, (704)458-2260, gautry@hcea.com

Environmental & Water Resources, David G. Taylor, P.E., M.ASCE, President, David G. Taylor & Associates, LLC, 163 Spruce Woods Ct, Abingdon, MD 21009, (301)547-9470, dgtaylorpe@comcast.net

Geo-Institute Chapter, Gregory E. Simmons, P.E., M.ASCE, Chair, 1302 Bonito Ct, Arnold, MD 21012, (410) 551-1980, (410) 551-8206, vtgreythat@aol.com

History & Heritage, Matthew C. Fenton IV, P.E., M.ASCE, Chair, mfenton@mta.maryland.gov

Membership, Cynthia S. Fink, P.E., M.ASCE, Chair, MERCADO CONSULTANTS INC, 17830 New Hampshire Ave Ste 200, Ashton, MD 20861, (301) 260-0090, cfink@mercadoeng.com

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Scholarship, Keith Dueringer, P.E., M.ASCE, President, 1209 St Andrews Way, Baltimore, MD 21239, (410) 296-6546, (410)887-4393, kdueringer@baltimorecountymd.gov

Younger Members, Christopher S. Cusick, P.E., M.ASCE, President, 813 South Broadway Apartment 3, Baltimore, MD 21231, (410) 628-0321, csCUSICK@gmail.com

Catoctin Branch (2011)

Area: In MARYLAND, Counties of Garrett, Allegheny, Washington, Frederick, Carroll and a portion of Howard.

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ORGANIZATION OF MEMBERSHIP

21771, (301) 831-5628, Brittle@erols.com; Degang Li, P.E., M.ASCE, Branch Secretary, 7803 Coddle Harbor Lane, Potomac, MD 20854, (301) 299-0635, dli@g-and-o.com; Stephen E. Crum, P.E., M.ASCE, Branch Treasurer; Macris Hendricks & Glascock, P.A., 9220 Wightman Road Suite 120, Montgomery Village, MD 20886, (301) 670-0840 EXT 1019, (301) 948-0693, scrum@mhgpa.com; Stephen A. Dlugos, P.E., M.ASCE, Branch Director, 725 CHESSIE CROSSING WAY, WOODBINE, MD 21797, (703) 548-3403, SDLUGOS@TDELLENGINES.COM; Perry S. Green, P.E., M.ASCE, Branch Director, 120 Burgess Hill Way Apt 302, Frederick, MD 21702-6221, (301) 228-8443, PerrySGreen.PhD@gmail.com

Eastern Shore Branch (2009)
Area: In MARYLAND, Counties near the Maryland Eastern Shore including Caroline County, Cecil County, Dorchester County, Kent County, Queen Anne’s County, Somerset County, Talbot County, Wicomico County, and Worcester County.

Joseph O. Arumala, Ph.D., P.E., F.ASCE, Branch President, Univ of Maryland Eastern Shore, 11931 Artshell Plaza Dept of Technology, Princess Anne, MD 21853, (410) 651-6472, joarumala@umes.edu; Jeffrey Harman, P.E., M.ASCE, Branch Vice President, BECKER MORGAN GROUP INC, 312 West Main St, Ste 300, Salisbury, MD 21801, (410) 546-9100, jharman@beckermorgan.com; Harvey A. Kagan, P.E., F.ASCE, Branch Past-President, 11042 Stewart Neck Road, Princess Anne, MD 21853, (410) 621-0666, kaganccg@verizon.net; Terence J. McGean, P.E., M.ASCE, Branch Secretary, Ocean City Town Of, P O Box 158 Engr Dept, Ocean City, MD 21842, (410) 289-8796, (410)289-8903, TMCGEAN@OCEANCITYMD.GOV; William L. Remington, P.E., M.ASCE, Branch Treasurer, Davis Bowen & Friedel, One Plaza East #200 PO Box 93, Salisbury, MD 21803, (443) 944-5213, (410) 543-4172, wlr@dbfinc.com

Membership, Danny M. Ervin, P.E., A.M.ASCE, Chair, Salisbury University, 1101 Camden AVE Perdue School Salisbury University, Salisbury, MD 21801, (410) 543-6529, (410) 546-6208, dmervin@salisbury.edu

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Metropolitan Section (1920)
Area: In NEW YORK, Counties of Rockland, Westchester, Bronx, New York, Richmond, Kings, Queens, Nassau and Suffolk.

Steven Kaufman, P.E., M.ASCE, President, 27 Pleasant Avenue, Plainview, NY 11803-1427, (516) 349-3226, (212) 465-5575, Kaufman@pbworld.com; Jagtar S. Khinda, P.E., F.ASCE, President-elect, 45 Park Terr West Apt 4G, New York, NY 10034, (212) 839-4093, (212)839-4419, jkhinda@dot.nyc.gov; Joseph M. Englot, P.E., M.ASCE, Past President, HNTB CORPORATION, 5 Penn Plaza, 6th Floor, New York, NY 10001, (212) 594-9717, jenglot@hntb.com; Jason L. Stern, P.E., M.ASCE, Secretary, Dewberry, 15 E 26th St.7th Fl., New York, NY 10010, (212) 685-0900, (212) 685-2340, jstern@dewberry.com; Arthur J. Alzamora Jr., P.E., M.ASCE, Treasurer, Langan Engrg & Environ Svcs PC, 21 Penn Plaza 360 W 31st Ste 9th Floor, New York, NY 10001, (212) 479-5442, (212) 479-5444, aalzamora@langan.com; Erik Metzger, A.M.ASCE, Newsletter Editor, 630 First Avenue Apt 23D, New York, NY 10016-3974, (212) 465-5342, (212) 465-5584, metzger@pbworld.com; Erik Metzger, A.M.ASCE, Webmaster, 630 First Avenue Apt 23D, New York, NY 10016-3974, (212) 465-5342, (212) 465-5584, metzger@pbworld.com

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Past Presidents, Joseph M. Englot, P.E., M.ASCE, Chair, HNTB CORPORATION, 5 Penn Plaza, 6th Floor, New York, NY 10001, (212) 594-9717, jenglot@hntb.com

Scholarship, Indhira Figuereo, A.M.ASCE, Chair, 50 Maple Hill Road, Pleasantville, NY 10570, (212) 973-2942, indhira.figuereo@aecom.com

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Long Island Branch (1971)
Area: In NEW YORK, Counties of Nassau and Suffolk.

Lower Hudson Valley Branch (2003)
Area: In NEW YORK, Counties of Rockland and Westchester
ORGANIZATION OF MEMBERSHIP

Eagle Ridge Way, Nanuet, NY 10954, (914)423-1331, vloiola@mtac.com; Matthew J. Daniels, Branch Director, 37 Teneyck Street, Stony Point, NY 10980, (914) 786-2315; Malcolm G. Mc Laren, P.E., M.ASCE, Branch Director, M.G. McLaren Engineering Group, 100 Snake Hill Rd, West Nyack, NY 10994, (845) 353-6400, Mmclaren@mgmclaren.com; Michael M. McHugh, M.ASCE, Branch Director, Moretrench American Corp, 51 Smart Ave, Yonkers, NY 10704, (914) 423-1331, (914) 423-0913, mmchugh@mtac.com; Andrew R. Yarmus, P.E., M.ASCE, Branch Director, Yarmus Engineering, P.C., 230 North Main Street, New City, NY 10956, (845) 634-3580, (845) 634-3733, Andrew@YarmusEngineering.com

Mexico Section (1949)
Area: All MEXICO.
Jose Hartasanchez-Garana, P.E., M.ASCE, President, PYPSA (Grupo Profesional PyP), Blvd M Avila Camacho 40 9th Floor, Naucalpan, 53398 MEX, jhartasanchez@gmail.com; Guillermo E. Botas, P.E., Ing., F.ASCE, Past President, Bosque de Abetos 101-2G miguel hidalgo, Mexico City, 11700 MEX, icisaing@prodigy.net.mx

Michigan Section (1916)
Area: All MICHIGAN.
Ronald V. Goldie II, P.E., M.ASCE, President, Fernco, Inc., 300 S. Dayton Street, Davison, MI 48423, (810) 503-9019, (810) 653-8714, Ron.goldie@fernco.com; Carey J. Suhan, P.E., M.ASCE, President-elect, Testing Engineers & Consultants, Inc., 1343 Rochester Rd, Troy, MI 48083-6015, (248) 588-6200, csuhan@testest.com; Therese P. Kline, P.E., M.ASCE, Vice President, Prein & Newhof, 7123 Stadium Dr, Kalamazoo, MI 49009, (269) 372-1158, dlewis@preinnewhof.com; Melinda L. Bacon, P.E., M.ASCE, Secretary, 214 Deer Run Blvd, Plainwell, MI 49080, (269) 207-4431, (269) 323-3553, bacon@sme-usa.com; Steven M. Waalkes, P.E., M.ASCE, Treasurer, 3623 Oak Terrace Ct. SE, Grand Rapids, MI 49546, (616)633-9629, swaalkes@miconcrete.net

Ann Arbor Branch (1974) (inactive)
Area: In MICHIGAN, Counties of Livingston, Washtenaw, and Lenawee.

Lansing-Jackson Branch (1961)
Area: In MICHIGAN, Counties of Clinton, Eaton, Ingham, Jackson, Livingston and Shiawassee.
Perry S. Lyford-Stojic, A.M.ASCE, Branch President, perry.s.lyford-stojic@wmich.edu; Jason Williams, A.M.ASCE, Branch Post-President, williamsj426@gmail.com; Jonathon L. Stratz, S.M.ASCE, Branch Secretary, 13210 Starwood Ln, DeWitt, MI 48820-9030, (248)939-0024, jonstratz@gmail.com; Mark S. Smith, P.E., M.ASCE, Branch Treasurer, 3861 Silver Charm Lane, Howell, MI 48843, (517) 319-5416, mssmith@hntb.com

Northeast Branch (1976) (inactive)
Area: In MICHIGAN-Counties of Presque Isle, Montmorency, Alpena, Oscoda, Alcona, Ogemaw, Iosco, Gladwin, and Arenac.

Northwestern Branch (1962) (inactive)
Area: In MICHIGAN, Counties of Antrim, Benzie, Charlevoix, Cheboygan, Clare, Crawford, Emmet, Grand Traverse, Kalkaska, Lake, Leelanau, Manistee, Mason, Missaukee, Otsego, Roscommon and Wexford.

Saginaw Valley Branch (2003)
Area: In MICHIGAN, Counties of Bay, Genesee, Gratiot, Huron, Isabella, Lapeer, Midland, Saginaw, Sanilac, and Tuscola.

James Zeitler Jr., A.M.ASC, Branch President, 224 East Court St., Apt 310, Flint, MI 48502, (248)344-2077 EXT 231, zeitgeist1964@yahoo.com; Adam R. Ball, P.E., M.ASCE, Branch Vice President, Surveying Solutions, Inc., 4471 M-61, Standish, MI 48658, (989) 846-6601, (989) 846-6607, aball36@yahoo.com; Bonnie P. Wood, P.E., M.ASC, Branch Secretary, Genesee County Road Commission, 211 W Oakley Street, Flint, MI 48503, (810) 767-4920, bwwood@gcrc.org; Jon C. Ward, P.E., M.ASCE, Branch Treasurer, TranSystems, 3100 West Road, Ste. 230, East Lansing, MI 48823, (517)332-9638, (517)332-3756, joncward@gmail.com
Southeastern Branch (1961)

Area: In MICHIGAN, Counties of St. Clair, Oakland, Macomb, Washtenaw, Wayne, Lenawee, and Monroe.

Bradley Shepler, P.E., M.ASCE, Branch President, 1245 S. Bates Street, Birmingham, MI 48009, (248) 454-6356, (248) 454-6359, bshepler@hrc-engr.com; Jacob A. Rushlow, P.E., M.ASCE, Branch Past-President, Orchard Hiltz & McCliment, 34000 Plymouth Rd, Livonia, MI 48150, (734) 522-6711, jacob.rushlow@ohm-advisors.com; Evagelos Bantios, A.M.ASCE, Branch President-Elect, 361 W. Drayton, Ferndale, MI 48220, (248) 561-4446, (313) 237-3909, ebantios@nthconsultants.com; Jason B. Stoops, P.E., M.ASCE, Branch Secretary, G2 Consulting Group, 1866 Woodsidee St, Troy, MI 48083, (248) 680-0400, (248) 680-9745, jbstoops@yahoo.com; Dana M. Temerowski, A.M.ASCE, Branch Treasurer, Spalding DeDecker Associates, Inc., 4349 Elaine Ct, Utica, MI 48316-1121, (248) 844-5400 EXT 1158, dtemerowski@sda-eng.com; Evagelos Bantios, A.M.ASCE, Branch Newsletter Editor, 361 W. Drayton, Ferndale, MI 48220, (248) 561-4446, (313) 237-3909, ebantios@nthconsultants.com; David J. Kelly, P.E., M.ASCE, Branch Webmaster, 9885 Normandy Dr, Plymouth, MI 48170, (734) 417-7248, (313) 964-1030, dave_j_kelly21@hotmail.com

Annual Meeting, Dana M. Temerowski, A.M.ASCE, Chair, Spalding DeDecker Associates, Inc., 4349 Elaine Ct, Utica, MI 48316-1121, (248) 844-5400 EXT 1158, dtemerowski@sda-eng.com

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Southeastern Branch Project Management, Joseph A. Heintz, A.M.ASCE, Chair, Tensar International, 28260 Cottage Lane, New Hudson, MI 48165, (248) 454-6574, (517) 552-6099, jheintz@tensarcorp.com

Reception & Membership, James J. Lynch Jr., P.E., M.ASCE, Chair, 27712 Wagner, Warren, MI 48093, (586) 596-2676, lynchj@udmercy.edu

Structural, Jamison C. Fox, P.E., M.ASCE, Chair, 316 W. Buell, Oakland, MI 48363, (248) 514-2591, (248) 865-9449, jfox@iiccusa.com

Student Night, Crystal A. Kozak, P.E., M.ASCE, Chair, 4436 Lakepointe Dr, Sterling Hts, MI 48313-1416, (586) 170-5612, crystalkozak@yahoo.com

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Southwestern Branch (1969)

Area: In MICHIGAN, Counties of Berrien, Branch, Calhoun, Cass, Hillsdale, Kalamazoo, St. Joseph and Van Buren.

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Upper Peninsula Branch (1967)
Area: In MICHIGAN, Counties of Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft.
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Western Michigan Branch (1961)
Area: In MICHIGAN, Counties of Allegan, Barry, Ionia, Kent, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, and Ottawa.
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Minnesota Section (1914)
Area: All MINNESOTA, except Counties of Koochiching, St. Louis, Lake, Cook, Itasca, Cass, Crow, Wing, Aitkin, Carlton and Pine.
Steven A. Olson, P.E., M.ASCE, President, Olson & Nesvold Engineers, P.S.C., 7825 Washington Ave. South Suite 100, Bloomington, MN 55439, (952) 906-0462, (952) 920-0173, steve.olson@one-mm.com; Elizabeth Boulton, P.E., M.ASCE, President-elect, elizabeth.boulton@target.com; Joseph G. Bentler, P.E., M.ASCE, Vice President, 2020 Cohansey Blvd, Roseville, MN 55113, (651) 489-4836, jbentler@amengtest.com; Seth D. Sychala, P.E., M.ASCE, Past President, 3108 East 25th Street, Minneapolis, MN 55406, (612)332-8905, SSSychala@clark-eng.com; Bruce J. Holdhusen, P.E., M.ASCE, Secretary, 284 S Milton, St Paul, MN 55105, (651) 261-2325, holdhusen@infonline.net; William J. Hall, P.E., M.ASCE, Treasurer, SEH Inc., 3535 Vadnais Center Drive, Saint Paul, MN 55110, (651) 765-2951, jhall@sehin.com; Joseph G. Bentler, P.E., M.ASCE, Newsletter Editor, 2020 Cohansey Blvd, Roseville, MN 55113, (651) 489-4836, jbentler@amengtest.com; Tim Davis, Webmaster, tim@conphoto.net
**Construction**, Mark D. Snyder, P.E., M.ASCE, Chair, 4200 Minnesota Lake, Plymouth, MN 55446, (763) 559-1100, mark.snyder@constructionresults.com

**Education and Community Service**, Michelle L. Williams, A.M.ASCE, Chair, 1908 Hennepin Ave S #33, Minneapolis, MN 55403, (952)540-4854, mwilliams@stonebrookeengineering.com

**EWB-USA**, Walter Eshenaur, P.E., M.ASCE, Contact, SRF Consulting Group, Inc., 1 Carlson Parkway North Ste 150, Plymouth, MN 55447, (763)249-6719, weshenaur@srfconsulting.com

**Environmental and Water Resources**, Brett J. Staeden, A.M.ASCE, Chair, 808 74 1/2 Avenue North, Brooklyn Park, MN 55444, (763) 560-2265, brettstaeden2265@msn.com

**Geotechnical**, Joseph G. Bentler, P.E., M.ASCE, Chair, 2020 Cohansey Blvd, Roseville, MN 55113, (651) 489-4836, jbentler@amengtest.com

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**House and Hospitality**, Timothy H. Lamkin Jr., P.E., M.ASCE, Chair, 1820 Delaware Ave, West Saint Paul, MN 55118, (651) 659-7742, tlamkin@hrgreen.com

**Legislative**, Randall F. Geerdes, P.E., M.ASCE, Chair, SRF Consulting Group Inc, One Carson Pkwy N Suite 150, Plymouth, MN 55447, (763) 475-0010, rgeerdes@srfconsulting.com

**Membership**, Bruce J. Holdhusen, P.E., M.ASCE, Contact, 284 S Milton, St Paul, MN 55105, (651) 261-2325, holdhusen@infionline.net

**Professional Services**, Jia-Liang Le, Ph.D., M.ASCE, Contact, University of Minnesota, 500 Pillsbury Dr SE, Minneapolis, MN 55455-0233, (612) 625-0752, jle@umn.edu

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**Transportation**, Christopher M. Labounty, P.E., M.ASCE, Chair, 6520 Glenwood Ave, Golden Valley, MN 55427-4913, (952)913-6052, (763)541-1700, labounty.chris@gmail.com

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**Younger Members**, Timothy H. Lamkin Jr., P.E., M.ASCE, President, 1820 Delaware Ave, West Saint Paul, MN 55118, (651) 659-7742, tlamkin@hrgreen.com

**Mississippi Section (1969)**

Area: All MISSISSIPPI.

Dustin Pittman, P.E., M.ASCE, President, 143-A Lefleurs Square, Jackson, MS 39211, (601) 355-9526, (601) 352-3945, dustin.pittman@waggonereng.com; Shelly N. Brock, A.M.ASCE, President-elect, Applied Research Assocs, 119 Monument Place, Vicksburg, MS 39180, (601) 638-5401, sbrock@ara.com; Kathryn A. Byars-Wimberly, P.E., M.ASCE, Past President, 302 Planters Grove, Ridgeland, MS 39157, (601) 899-5158 EXT 28, (601) 899-5110, kbwimberly@mendrop.net; Wayne Black, P.E., M.ASCE, Secretary, Garver Engineers, 224 Commerce Street, Suite 200, Brandon, MS 39042, (601) 825-3633, twblack@garverUSA.com; Jacob B. Forrester, A.M.ASCE, Treasurer, jcb.forrester@gmail.com; Shelly N. Brock, A.M.ASCE, Webmaster, shelly.brock@ara.com; Wayne Black, P.E., M.ASCE, Contact, Garver Engineers, 224 Commerce Street, Suite 200, Brandon, MS 39042, (601) 825-3633, twblack@garverUSA.com

**Membership**, Wayne Black, P.E., M.ASCE, Contact, Garver Engineers, 224 Commerce Street, Suite 200, Brandon, MS 39042, (601) 825-3633, twblack@garverUSA.com

**Younger Members**, Trey R. Triplett I, A.M.ASCE, Chair, treytrip33@gmail.com

**Gulf Coast Branch (1977)**

Area: In MISSISSIPPI, Counties of Forrest, George, Greene, Hancock, Harrison, Jackson, Lamar, Marion, Pearl River, Perry, Stone and Walthall.

Shawn L. Wozencraft, P.E., M.ASCE, Branch President, Thompson Engineering, 711 Dr. MLK, Jr. Blvd., Biloxi, MS 39530, (228) 374-1130, swozencraft@thompsonengineering.com; Philip J. Valenti, Ph.D., P.E., M.ASCE, Branch Past-President, Naval Research Laboratory, Marine Geoscience Division Code 7401, BLDG 1005, RM A2, Stennis Space Center, MS 39529, (228) 688-4650, (228) 688-4693, phil.valenti@nrl.navy.mil; Andrew T. Phelan, A.M.ASCE, Branch Secretary, Pickering Firm, 126 Rue Magnolia, Biloxi, MS 39530, (662) 306-3799, aphelan@pickeringinc.com; Nicole K. Dane, P.E., M.ASCE, Branch Treasurer, HNTB, 425 Donwood Pl, Biloxi, MS 39530-1617, (228) 456-3206, (228) 456-3297, ndane@hntb.com
Jackson Branch (1949)
Area: In MISSISSIPPI, Counties of Attala, Leake, Madison, Yazoo, Scott, Rankin, Hinds, Copiah, Simpson, Smith, Lincoln, Pike, Lawrence, Jefferson Davis, Covington, Jones, Neshoba, Kemper, Newton, Lauderdale, Jasper, Clarke and Wayne.

Miranda N. Nichols, Branch President, 140 Ridgefield Dr, Madison, MS 39110, (601) 354-0696, (601) 354-0433, mnicols@abmb.com; Will Pentecost, A.M.ASCE, Branch Vice President, Waggoner Engineering, Inc., 143 A LeFleurs Sq., Jackson, MS 39211, (662) 719-3765, will.pentecost@waggonereng.com; Wayne Black, P.E., M.ASCE, Branch Past-President, Garver Engineers, 224 Commerce Street, Suite 200, Brandon, MS 39042, (601) 825-3633, twblack@garverUSA.com; Ryan P. Steiner, P.E., M.ASCE, Branch Secretary, Terracon Consultants Inc, 859 S Pear Orchard Rd, Ridgeland, MS 39157-5105, (601) 956-4467, (601) 956-9533, rpsteiner@terracon.com; Kenneth W. Vice, Branch Treasurer, PO Box 546, Helena, AL 35080, (205) 453-4992, ken@highpointstudios.com

Younger Members, Christa K. Herron, Chair, C/O Glenn Herron 8185 Ellis Rd, Clarkston, MI 48348, (248) 625-8579

North Mississippi Branch (1992)
Area: In MISSISSIPPI, Counties of Coahoma, Tunica, DeSoto, Tate, Panola, Quitman, Tallahatchie, Yalobusha, Lafayette, Marshall, Benton, Tippah, Alcorn, Tishomingo, Prentiss, Union, Pontotoc, Calhoun, Lee, Itawamba, Chickasaw, Monroe, Webster, Clay, Lowndes, Noxubee, Winston, Oktibbeha and Choctaw.

Jason R. Allen, A.M.ASCE, Branch President, Neel-Schaffer, Inc., 5740 Getwell Road, Bldg. 2, Southaven, MS 38672, (662) 890-6404, (662) 890-6407, jason.allen@neel-schaffer.com; Jordan H. Bledsoe, P.E., M.ASCE, Branch Vice President, 2577 Pyramid Dr, Southaven, MS 38672-9475, (901)683-3900, jbledsoe@ssr-inc.com; Sean E. Hilsdon, P.E., M.ASCE, Branch Past-President, 8540 Lake Shore Dr W, Southaven, MS 38671, (662) 890-6404 EXT 224, (662) 890-6407, shilsdo@yahoo.com; Timothy C. Simpson, P.E., M.ASCE, Branch Treasurer, 3837 College Bluff, Olive Branch, MS 38654, Collins.Simpson@waggonereng.com

Vicksburg Branch (1948)

J. Mikhail Erekson, P.E., M.ASCE, Branch President, Applied Research Assoc's, 119 Monument Pl, Vicksburg, MS 39180, (601) 638-5401, (601) 634-0631, merekson@ara.com; Quincy G. Alexander, A.M.ASCE, Branch Vice President, 106 Fleetwood Dr, Vicksburg, MS 39180-9316, (214) 695-8732, qncalex@yahoo.com; Bruce E. Mainka, S.M.ASCE, Branch President-Elect, 1179 Peaceable Street, Ballston Spa, NY 12020, (518) 882-7001, (518) 453-8200, demerich@chacompanies.com; Kenneth Herrle, P.E., M.ASCE, Branch Secretary, Applied Research Associates, Inc., 119 Monument Place, Vicksburg, MS 39180, kherrle@ara.com; Shelly N. Brock, A.M.ASCE, Branch Treasurer, Applied Research Assoc's, 119 Monument Place, Vicksburg, MS 39180, (601) 638-5401, sbrock@ara.com

Mohawk-Hudson Section (1938)

Jenny L. Moon-Lippmann, P.E., M.ASCE, President, 14 Cartwheel Drive, Scotia, NY 12302, (518) 339-4835, moonj@alumni.union.edu; Barry Anctil, P.E., M.ASCE, President-elect, 33 Snowberry Road, Malta, NY 12020, (518) 593-0952, barry.anctil@aecom.com; David W. Emerich, P.E., M.ASCE, Vice President, 1179 Peaceable Street, Ballston Spa, NY 12020, (518) 882-7001, (518) 453-8200, demerich@chacompanies.com; Christopher A. Lesher, P.E., M.ASCE, Past President, Ryan-Biggs Associates, 257 Ushers Road, Clifton Park, NY 12065, (518) 406-5506 EXT 322, clesher@ryanbiggs.com; Christopher K. Einig, A.M.ASCE, Secretary, cseinig@ymail.com; Christopher J. Carter, P.E., M.ASCE, Treasurer, 21B Sylvan Trail, Ballston Lake, NY 12019, (518) 452-4358 EXT 4228, chriscarter@alum.rpi.edu; Jennifer A. Everleth, P.E., M.ASCE, Newsletter Editor, 15 Briar Ridge Pl, Selkirk, NY 12158, (518) 478-0771, (518)453-4582, JEverleth@chacompanies.com; Andrew F. Jensen, A.M.ASCE, Webmaster, III Winners Circle, Albany, NY 12205, (518) 453-3994, (518) 453-4520, ajensen@chacompanies.com
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Geotechnical, Andrew F. Jensen, A.M.ASCE, Chair, III Winners Circle, Albany, NY 12205, (518) 453-3994, (518) 453-4520, ajensen@chacompanies.com
Structural Eng Institute Chapter, John Rizzo, P.E., M.ASCE, Chair, 212 Prindle Avenue, Johnstown, NY 12095, (518) 453-9431 EXT 233, (518)453-9458, jrizzo@ginet.com
Transportation, Kenneth Davis, A.M.ASCE, Chair, Creighton Manning Engineering, 2 Winners Circle, Albany, NY 12205, (518) 222-0206, kdavis@cmellp.com
Younger Members, Theodore A. Ranslow, A.M.ASCE, Chair, 1533 Barclay Pl, Niskayuna, NY 12309, taranslow@gmail.com

Mid-Hudson Branch (1976)
Area: In NEW YORK, Counties of Delaware, Dutchess, Orange, Putnam, Sullivan and Ulster.
Kyle B. Snyder, P.E., M.ASCE, Branch President, Lochner Engineering, 310 Fullerton Ave Ste 200, Newburgh, NY 12550, (845) 863-0045, (845) 863-0961, ksnyder@hwlochner.com; John S. Sansalone, P.E., M.ASCE, Branch Vice President, PO Box 371, Gardiner, NY 12550-0371, (845)255-3144; Tammy L. Nosek, A.M.ASCE, Branch Past-President, Tectonic Engineering, 1279 Route 300 level G, Newburgh, NY 12550, (845)567-6656 EXT 807, (845)567-8773, trossie@tectonicengineering.com; Donald H. Dedrick, A.M.ASCE, Branch President-Elect, 150 E. Cookingham Dr., Staatsburg, NY 12580, (845) 899-4734; Anthony P. Botta, A.M.ASCE, Branch Secretary, 10 Dogwood Hill Road, Wappingers Falls, NY 12590, (845) 298-0556; William J. Frank, P.E., M.ASCE, Branch Treasurer, 95 Enoch Crosby Rd, Brewster, NY 10509, (845) 279-8224, (845)473-6555, sanjad@hotmail.com

EWB-USA, Rahul Verma, P.E., M.ASCE, Contact, Verma Engineering, 31 Elk Road, Hopewell Junction, NY 12533, (914) 924-7816, rahul@vermaengineering.com
H.E. Engineering Day, Rahul Verma, P.E., M.ASCE, Contact, Verma Engineering, 31 Elk Road, Hopewell Junction, NY 12533, (914) 924-7816, rahul@vermaengineering.com
Lifetime Member Award, Shahin Ariaey-Nejad, P.E., M.ASCE, Chair, 10 Dogwood Hill Road, Wappingers Falls, NY 12590, (845) 298-0556, (845) 473-6555, sanjad@hotmail.com
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Younger Members, Kyle B. Snyder, P.E., M.ASCE, Chair, Lochner Engineering, 310 Fullerton Ave Ste 200, Newburgh, NY 12550, (845) 863-0045, (845) 863-0961, ksnyder@hwlochner.com

Montana Section (1945)
Area: All MONTANA.
Stephanie A. Seymanski, P.E., M.ASCE, President, 2221 Chloe Dr., Huntley, MT 59037, (406) 348-2162, (406) 237-1201, ssyeymanski@msn.com; William W. Wiegand Jr., P.E., M.ASCE, President-elect, Morrison Maierle, Inc., P.O. Box 6147, Helena, MT 59604, (406) 442-3050, bwiegand@m-m.net; Melissa R. Matassa-Stone, P.E., M.ASCE, Past President, mmatassa@wgmgroup.com; Melissa R. Matassa-Stone, P.E., M.ASCE, Past President, mmatassa@wgmgroup.com; Yan Qi, D.Eng., A.M.ASCE, Secretary, 1010 Missoula Ave, Butte, MT 59701-8540, yqi@mtech.edu; Gary R. Fischer, P.E., M.ASCE, Treasurer, Carroll College, 1601 N Benton Ave Dept. of Mathematics, Engineering & Computer Science, Helena, MT 59625-2826, (406) 447-4571, (406) 447-5476, gfischer@carroll.edu

Eastern Branch (1956)
Area: In MONTANA, Counties of Big Horn, Blaine, Carbon, Carter, Cascade, Custer, Daniels, Dawson, Fallon, Fergus, Garfield, Golden Valley, McCone, Musselshell, Philips, Petroleum, Powder River, Prairie, Richland, Roosevelt, Rosebud, Sheridan, Stillwater and Sweetgrass.
Karen A. Weber, A.M.ASCE, Branch President, HDR Engineering, 2913 Millennium, Billings, MT 59102-7444, (406) 671-4568, karen.schneider@hdrinc.com; Dustin P. Hutzenblier, A.M.ASCE,
ORGANIZATION OF MEMBERSHIP

Branch Vice President, SK Geotechnical Corporation, 2511 Holman Ave., Billings, MT 59102, (406)652-3930, (406)652-3944, dhutzenbiler@skgeotechnical.com; Craig Nowak, P.E., F.ASCE, Branch Vice President, 134 29A Avenue NE, Great Falls, MT 59404, (406) 452-1412, (406) 454-5139, cnowak@m-m.net; Tyler K. Westrope, A.M.ASCE, Branch Vice President, City of Billings, 2224 Montana Ave, Billings, MT 59101, (406) 247-8656, westropet@ci.billings.mt.us; Jeff Heidner, A.M.ASCE, Branch Secretary - Treasurer, jheidner@sandersonstewart.com

Western Branch (1956)

John E. Wishman, A.M.ASCE, Branch President, Morrison Mairle Inc, 2880 Technology Blvd. W PO Box 1113, Bozeman, MT 59771, (406) 579-4539, jwishman@m-m.net; Daniel J. Karlin, P.E., M.ASCE, Branch Vice President, 3635 Fox Crossing Rd, Helena, MT 59602-6096, (406)495-6173, djkarlin1@hotmail.com; Kristyn K. Mayernik, A.M.ASCE, Branch Vice President, Morrison-Maierle, Inc., 1 Engineering Place, Helena, MT 59602, (406)495-3460, kmayernik@m-m.net; James R. Nickelson, P.E., M.ASCE, Branch Vice President, 206 Circle Drive, Bozeman, MT 59715, (406) 582-4990, jnickelson@m-m.net; Deborah J. Twite, Branch Vice President, DOWL HKM, 10111 Eastside Rd, Deer Lodge, MT 59722-8713, (406) 490-2419, (406) 723-8328, dtwite@wildblue.com; Matthew D. Wright, P.E., M.ASCE, Branch Vice President, Newfields Companies, LLC, 1120 Cedar Street, Missoula, MT 59802, (406) 542-0129, (406) 542-0130, matthew.wright@amec.com; Lawrence A. Hunter, P.E., M.ASCE, Branch Secretary - Treasurer, PO Box 3053, Butte, MT 59702-3053, (406) 491-3579, lehunter@smtel.com

National Capital Section (1916)
Area: All DISTRICT OF COLUMBIA; In MARYLAND, Counties of Montgomery and Prince Georges, except College Park in Prince Georges County; In VIRGINIA, Counties of Fairfax and Arlington, and City of Alexandria.

Ranjit S. Sahai, P.E., F.ASCE, President, RAM Consulting Corporation, 21525 Ridgetop Circle Suite 270, Dulles, VA 20166, (703)766-2820 EXT 109, (703) 766-2821, RSahai@ram-corp.com; Scott Wolf, P.E., L.S., M.ASCE, Vice President, scott.wolf@dot.gov; Qamar A. Kazmi, P.E., M.ASCE, Past President, 9816 Canal Road, Montgomery Village, MD 20886, (301)417-2730, qkazmi@schmabel-eng.com; Christian J. Manalo, P.E., M.ASCE, Secretary, Booz Allen Hamilton, 8283 Greensboro Drive, McLean, VA 22102, (703) 377-1697, manalo_christian@bah.com; Rollie D. Berry III, Treasurer, US Nuclear Regulatory Commission, Two White Flint North 11545 Rockville Pike, Rockville, MD 20852, (301)415-8162, rollie.berry@gmail.com; Laurence J. Sauter Jr., Newsletter Editor, 4811 16th Road North, Arlington, VA 22207, (703) 243-5298, (202) 208-0353, cm.ljsauterjr@verizon.net

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Management And Best Practices, Christian J. Manalo, P.E., M.ASCE, Chair, Booz Allen Hamilton, 8283 Greensboro Drive, McLean, VA 22102, (703) 377-1697, (703) 917-2692, manalo_christian@bah.com
Membership and Attendance, Kelly E. Cronin, P.E., M.ASCE, Chair, kcronin@wje.com
Structural, Bernie Dennis, Chair, US Dept of State, OBO/PDCS/DE/CSE SA-6 - RM 312, Washington, DC 20522, (703) 875-6197, dennishg@state.gov
Sustainability, Alex J. Rosenheim, P.E., M.ASCE, Chair, 4305 Ambler Dr, Kensington, MD 20895, (301) 530-3747, alex.rosenheim@gmail.com
Water Resources, Christian J. Manalo, P.E., M.ASCE, Chair, Booz Allen Hamilton, 8283 Greensboro Drive, McLean, VA 22102, (703) 377-1697, manalo_christian@bah.com
Younger Members, Jordan Pitt, P.E., M.ASCE, President, 1329 10th Street NW Apt B, Washington, DC 20001, (202) 701-7724, wjpitt@gmail.com

Nebraska Section (1917)
Area: All NEBRASKA.
Michael Sklenar, P.E., M.ASCE, President, PO Box 80414, Lincoln, NE 68501, (402) 479-4484, mike.sklenar@nebraska.gov; Andres Torres, P.E., M.ASCE, President-elect, 28800 Ida St., Valley, NE 68064-8017, (402) 850-1892, (402) 350-5803, andres.torres@valmont.com; Joseph T. Flaxbeard, P.E., 
M.ASCE, Vice President, Lamp, Rynearson, & Associates, 14710 West Dodge Road Suite 100, Omaha, NE 68154, (402)496-2498, (402)496-2730, joe.flaxbeard@lra-inc.com; Shannon L. Devivo, P.E., M.ASCE, Past President, 14493 County Road 35, Blair, NE 68008, (402) 677-1083, (402) 334-1984, shannon.devivo@urs.com; Tyler Klusaw, A.M.ASCE, Treasurer, tyler.klusaw@gmail.com; Gregory T. Seib, A.M.ASCE, Newsletter Editor, Olsson Associates, 1111 Lincoln Mall Suite 111, Lincoln, NE 68508, (402) 458-5037, gseib@olssonassociates.com; Gopalakrishna Allam, A.M.ASCE, Webmaster, Terracon Consultants Inc, 15080 A Circle, Omaha, NE 68144, (402) 330-2202

Construction, Douglas E. Kellner, P.E., M.ASCE, Chair, 7315 S 93 Rd St, La Vista, NE 68128, (402) 339-9391, (402) 339-5866, dkellner@td2co.com

Environmental, Lara L. Syrocki, P.E., M.ASCE, Chair, HDR Engineering, Inc., 8404 Indian Hills Dr, Omaha, NE 68114-4098, (402)399-1277, (402)399-4979, patricia.rohan@hdrinc.com

Geotechnical, Brian T. Havens, P.E., M.ASCE, Chair, 6211 N 131st St, Omaha, NE 68164, (402)6515269, bhavens98@gmail.com

Management, Daren A. Konda, P.E., M.ASCE, Chair, 6211 N 131st St, Omaha, NE 68164, (402)6515269, dkonda@td2co.com

Structural, Scott K. Gilliland, P.E., M.ASCE, Chair, 535 North 68th Street, Omaha, NE 68132, (402) 558-6170

Transportation, Patricia A. Rohan, P.E., M.ASCE, Chair, 8404 Indian Hills Dr, Omaha, NE 68114, (402) 399-1277, (402) 399-4979, patricia.rohan@hdrinc.com

Water Resources, Matthew T. McConville, P.E., M.ASCE, Chair, HDR Engineering, 8404 Indian Hills Drive, Omaha, NE 68114, (402) 515-5265, (402) 399-1111, Matt.McConville@hdrinc.com

Younger Members, John D. Smith, P.E., M.ASCE, Chair, 324 N 154th St, Omaha, NE 68154-2035, (402)399-1007, (402)399-4979, john.smith@hdrinc.com

Nevada Section (1963)

Area: All NEVADA.

Charles E. Joseph, P.E., M.ASCE, President, 3590 Teton Hills St, Las Vegas, NV 89147, (702) 233-4602, (702) 938-5454, charles.joseph@jacobs.com; Donald B. Adams, P.E., M.ASCE, President-elect, 4670 Willow Road, Suite 100, Pleasanton, CA 94588, (925) 683-8987, dbadams@kleinfelder.com; Trent J. Baldwin, P.E., M.ASCE, Past President, 3299 Fairway Drive, Sparks, NV 89431, (775) 853-3960, (775) 328-6463, tbaldwin78@gmail.com; Brian A. Janes, P.E., M.ASCE, Secretary, bjanes44@gmail.com; Tanner J. Hartranft, P.E., M.ASCE, Treasurer, 750 Pilot Road Ste F, Las Vegas, NV 89119, (702) 597-9393, tjhartranft@terracon.com

Capital Branch (1964)

Area: In NEVADA, Counties of Storey, Douglas, Lyon, Mineral and Carson City.

Cecilia S. Hamilton, Ph.D., P.E., M.ASCE, Branch President, Lumos and Associates, 800 College Pkwy, Carson City, NV 89706-0628, (775) 883-7077, (775) 883-7114, chamilton@lumosengineering.com; Michael A. Stanka, P.E., M.ASCE, Branch Past-President, michael@stankaconsulting.com; Mark W. Johnson, P.E., M.ASCE, Branch President-Elect, 2308 Sunrise Meadows Drive, Las Vegas, NV 89134, (702) 256-4861; Pedro Rodriguez, P.E., M.ASCE, Branch Treasurer, 1263 S. Stewart Street, Carson City, NV 89712, (775)888-7321, ccblueleader1@yahoo.com

Southern Nevada Branch (1964)

Area: In NEVADA, Counties of Clark, Lincoln, Nye and Esmeralda.

Maylinn S. Rosales, P.E., M.ASCE, Branch President, Black & Veatch, 4040 S Eastern Ave Ste 330, Las Vegas, NV 89119, (702) 732-0448, (702) 732-7578, rosalesms@bv.com; Tanner J. Hartranft, P.E., M.ASCE, Branch Vice President, 750 Pilot Road Ste F, Las Vegas, NV 89119, (702) 597-9393, tjhartranft@terracon.com; Keli A. Callahan, P.E., M.ASCE, Branch Past-President, Carollo Engineers, 376 E Warm Springs Rd Ste 250, Las Vegas, NV 89119-4262, (702) 792-3711, (702)792-4533, kcallahan@carollo.com; Daniel J. De Battista, P.E., M.ASCE, Branch Secretary, 3560 Temparole Drive, Henderson, NV 89052, (702) 365-1001, (702) 341-7120, dan.debattista@geonex.com; William J. Meyer II, A.M.ASCE, Branch Treasurer, 3451 Twilight Star Dr, Las Vegas, NV 89117, (702)284-5300, meyerw2@gmail.com; Glenn W. Blake, A.M.ASCE, Branch Director, glennb12345@hotmail.com; Joseph Cetrulo, A.M.ASCE, Branch Director, 8478 Langhorne Creek St, Las Vegas, NV 89139, (702)506-3095, (702)804-2299, cetruloj@
ORGANIZATION OF MEMBERSHIP

Engineering Merit Badge, Scott Jarvis, P.E., M.ASCE, Chair, City of Henderson, Public Works Engineering 240 Water Street, MS112 PO Box 95050, Henderson, NV 89009, (702) 267-3065, (702) 267-3051, scott.jarvis@cityofhenderson.com

Future City Competition, Guy A. Voss, P.E., M.ASCE, Chair, Black and Veatch, 4040 S. Eastern Ave. Suite 330, Las Vegas, NV 89119, (702) 732-0448, vossga@bv.com

Geo-Institute Chapter, Tanner J. Hartranft, P.E., M.ASCE, Chair, 750 Pilot Road Ste F, Las Vegas, NV 89119, (702) 597-9393, (702) 597-9009, tjhartranft@terracon.com

Golf League, Chad D. Anson, P.E., M.ASCE, Chair, 5048 Jessica Joy St, Las Vegas, NV 89149, (702) 869-6018, (702) 685-5947, chad.anson@c-agroup.com

Government Relations, Edward D. McGuire, P.E., F.ASCE, Chair, 8125 Blue Cascade Ave, Las Vegas, NV 89128, (702) 648-4654, (702) 267-3281, ed.mcguire@cityofhenderson.com

Life Members Forum, Charles E. Joseph, P.E., M.ASCE, Chair, 3590 Teton Hills St, Las Vegas, NV 89147, (702) 233-4602, (702) 938-5454, charles.joseph@jacobs.com

Membership, Daniel J. De Battista, P.E., M.ASCE, Chair, 1356 Temporale Drive, Henderson, NV 89052, (702) 365-1001, (702) 341-7120, dan.debattista@gesnevada.com

Order of the Engineer, David E. James, P.E., M.ASCE, Chair, Office of Vice Provost for Academic Affairs, UNLV Box 45-1099 4505 Maryland Pkwy, Las Vegas, NV 89154, (702) 895-5804, (702) 895-3670, dave.james@unlv.edu

Structural, Dana A. Ames, P.E., S.E., M.ASCE, Chair, R2H Engineering Inc, 2610 W Horizon Ridge Parkway Suite 205, Henderson, NV 89052, (702) 260-7000, DAMES@R2H.COM

Training, R.A. Smith, P.E., M.ASCE, Chair, Smith Culp Consulting, 653 Ravel Ct, Las Vegas, NV 89145, (702) 360-1120, (702) 838-8426, anne@smithculp.com

Transportation, Walter C. Vodraza Jr., A.M.ASCE, Chair, 347 Gana Ct, Henderson, NV 89014, (702) 525-9865, vvodraza@orth-rodgers.com

Water Resources, William J. Meyer II, A.M.ASCE, Chair, 3451 Twilight Star Dr, Las Vegas, NV 89117, (702) 284-5300, (702) 284-5399, meyerw2@gmail.com

Younger Member Forum, Alisha F. Auch, A.M.ASCE, President, 9038 Sandy Slate Way, Las Vegas, NV 89123, (702) 809-6004, alisha.auch@gmail.com

Truckee Meadows Branch (1967)
Area: In NEVADA, Counties of Washoe, Humboldt, Pershing and Churchill.
Trina Magoon, P.E., M.ASCE, Branch President, Stantec Consulting Inc, 6995 Sierra Center Pkwy Suite 200, Reno, NV 89511, (775) 850-0777, (775) 850-0787, trina.magoon@stantec.com; Kelly A. Doyle, P.E., M.ASCE, Branch Vice President, 4663 Carisbrook Ln., Reno, NV 89502, (775) 224-6030, kellydoyle@unr.edu; Brian A. Janes, P.E., M.ASCE, Branch Past-President, bjanes44@gmail.com; Kelly A. Doyle, P.E., M.ASCE, Branch President-Elect, 4663 Carisbrook Ln., Reno, NV 89502, (775) 224-6030, kellydoyle@unr.edu; Amber Sosa, P.E., M.ASCE, Branch Secretary, 1127 Longspur Way, Sparks, NV 89441, (775) 244-2941, amber.sosa@atkinsglobal.com; John F. Bonnett, P.E., M.ASCE, Branch Treasurer, Stantec Consulting, 6980 Sierra Center Parkway Ste. 100, Reno, NV 89511, (775) 850-0777, (775) 850-0787, john.bonnett@stantec.com; Robert D. Coomes, A.M.ASCE, Paid Administrative Staff, 1624 Halo Ave, Sacramento, CA 95835, (775) 721-2714, coomesr@gmail.com; Robert D. Coomes, A.M.ASCE, Branch Webmaster, 1624 Halo Ave, Sacramento, CA 95835, (775) 721-2714, coomesr@gmail.com; Robert D. Coomes, A.M.ASCE, Branch Webmaster, 1624 Halo Ave, Sacramento, CA 95835, (775) 721-2714, coomesr@gmail.com

Golf Tournament, Forrest A. Tryon, P.E., M.ASCE, Chair, 969 Leah Circle, Reno, NV 89511, (775) 826-7279, tryona@reno.gov

Government Affairs, Eric E. Scheetz Jr., P.E., M.ASCE, Chair, Truckee River Flood Control Project, 9390 Gateway Ste 230, Reno, NV 89521, (775) 220-6436, (775) 823-4066, escheetz@washocounty.us

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Student Night, Brian A. Janes, P.E., M.ASCE, Chair, bjanes44@gmail.com

Younger Member Forum, Kelly A. Doyle, P.E., M.ASCE, President, 4663 Carisbrook Ln., Reno, NV 89502, (775) 224-6030, kellydoyle@unr.edu
New Hampshire Section (1958)

Area: All NEW HAMPSHIRE.

Andrew L. Brassard, A.M.ASCE, President, 20 Powers Rd, Hollis, NH 03049-6100, (603) 966-7580, dbrassard@fstinc.com; Nathan M. Cote, P.E., M.ASCE, President-elect, S.W. Cole Engineering, Inc., 10 Centre Rd, Somersworth, NH 03878-2926, (603)620-0416, ncote@swcole.com; Jay L. Hodkinson, P.E., M.ASCE, Vice President, jhodkinson@gza.com; Hugh C. Scott IV, A.M.ASCE, Past President, 55 Wilson Street, Manchester, NH 03102-5054, (603) 232-1089, (603) 472-9747, ngolon@tfmoran.com; Timothy J. Audet, A.M.ASCE, Treasurer, 3 Berry Road, Nottingham, NH 03290, (603) 734-2620, taudet@hoyletanner.com; Fran Weaver, Newsletter Editor, fweaver@hoyletanner.com; Suzanne Sheppard, Webmaster, 80 Brown Hill Rd., Bow, NH 03304, (603) 860-1475, ssheppard@hoyletanner.com

EWRI Institute Chapter, Paul T. Pepler, A.M.ASCE, Chair, 52 Janet Court, Manchester, NH 03103, (603) 232-8717, paul.pepler@gza.com

Granite State Geo-Institute Chapter, Kenneth W. Milender, P.E., P.G., M.ASCE, Chair, 98 W Main St, Warner, NH 03278, (603) 456-2595, kenneth.milender@ransomenv.com

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Membership, Andrew P. Vardakis, P.E., M.ASCE, Champion, CMA Engineers, Inc., 35 Bow St., Portsmouth, NH 03801, (603) 431-6196, (603) 431-5376, avardakis@cmaengineers.com

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Upper Valley Branch (1978)

Area: In NEW HAMPSHIRE, Counties of Grafton and Sullivan.

Leonard J. Zabilansky, P.E., M.ASCE, Branch President, US Army Corps of Engrs, Cold Regions Engineering Lab 72 Lyme Rd, Hanover, NH 03755, (603) 646-4319, (603) 646-4477, Leonard.J.Zabilansky@usace.army.mil

New Jersey Section (1974)

Area: All NEW JERSEY.

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Scholarship, Arnold G. Taranto, P.E., M.ASCE, Chair, 30 Shady Nook Dr, Toms River, NJ 08755, (732) 349-2189, agtpc@aol.com

Student Chapter Liaison, Jean G. Hansen, P.E., M.ASCE, Chair, Marsh Risk Consulting, 1060 State Rd Ste 2, Princeton, NJ 08540-1446, (609) 497-2265, (609) 497-3412, Jean.G.Hansen@marsh.com
Central Jersey Branch (1974)

Area: In NEW JERSEY, Counties of Hunterdon, Mercer, Somerset, Middlesex, Monmouth and Ocean.

Andy G. Kaplan, A.M.ASCE, Branch President, Transportation Safety Resource Center, CAIT University of New Jersey, Rutgers, Piscataway, NJ 08854, (609) 213-6252, akaplan1@rutgers.edu; Neil E. Sander, P.E., M.ASCE, Branch Vice President, 18 Orchard Avenue, Bordentown, NJ 08505, (732) 974-0198, nsander@dynamicec.com; Brian W. Mautsrt, P.E., M.ASCE, Branch Past-President, Greenman Pedersen Inc, 100 Corporate Drive Suite 301, Lebanon, NJ 08833, (908) 236-9001, bmauert@gpinet.com; Piotr Rusinkiewicz, A.M.ASCE, Branch President-Elect, Evonik Industries, 2 Turner Place, Piscataway, NJ 08854, piotr.rusinkiewicz@evonik.com; Michael W. Horst, P.E., M.ASCE, Branch Director, The College of New Jersey, School of Engineering 2000 Pennington Road, Ewing, NJ 08628, (215) 493-3542, (609) 637-5148, horst@tcnj.edu; Alexander E. Murawski, P.E., M.ASCE, Branch Past-President, Greenman Pedersen Inc, 100 Corporate Drive Suite 301, Lebanon, NJ 08833, (908) 236-9001, bmauert@gpinet.com; Piotr Rusinkiewicz, A.M.ASCE, Branch Past-President, 18 Orchard Avenue, Bordentown, NJ 08505, (732) 974-0198, nsander@dynamicec.com; Brian W. Mautsrt, P.E., M.ASCE, Branch Vice President, Greenman Pedersen Inc, 100 Corporate Drive Suite 301, Lebanon, NJ 08833, (908) 236-9001, bmauert@gpinet.com; Michael W. Horst, P.E., M.ASCE, Branch Director, The College of New Jersey, School of Engineering 2000 Pennington Road, Ewing, NJ 08628, (215) 493-3542, (609) 637-5148, horst@tcnj.edu; Alexander E. Murawski, P.E., M.ASCE, Branch Director, 49 Tar Heels Rd East, Hamilton, NJ 08619, (609) 588-9551, alex.murawski@dot.state.nj.us

Younger Members, Brandon M. Fetzer, P.E., M.ASCE, President, 218 Baltimore Blvd, SeaGirt, NJ 08750, (908) 309-8594, fetzdog121@yahoo.com

North Jersey Branch (1962)

Area: In NEW JERSEY, Counties of Sussex, Warren, Morris, Passaic, Bergen, Essex Union and Hudson.

Luis F. Barragan Jr., P.E., M.ASCE, Branch President, Michael Baker Jr Inc, One Gateway Center Suite 2330, Newark, NJ 07102, (973) 776-8611, (973) 776-8601, lbarragan@mbakercorp.com; Michae P. Sears, P.E., M.ASCE, Branch Vice President, Moretrench American Corporation, 100 Stickle Ave, Rockaway, NJ 07866, (732) 784-4510, (973) 625-0967, glandry@mtac.com; Monir H. Sarker, P.E., P.Eng, M.ASCE, Branch President-Elect, 16 Mac Spar Drive, Randolph, NJ 07869, (973) 912-7531, (973) 379-8970, monirhsarker@yahoo.com; Dhiren Patel, P.E., M.ASCE, Branch Secretary, Gannett Fleming, 297 Varick Street, Jersey City, NJ 07302, (908)755-0040, deepatel@gmail.com; Laura A. Wolfe, P.E., M.ASCE, Branch Treasurer, 37 Highfield Rd, Bloomfield, NJ 07003, (973)932-0484, (973)434-3101, lwolfe@hntb.com; Charles S. Di Marco, P.E., M.ASCE, Branch Director, Tectonic Engineering & Surveying Cnsltng, 160 Pehle Ave Suite 306, Saddle Brook, NJ 07663-5227, csdimarco@verizon.net; Scott B. Lubarsky, P.E., M.ASCE, Branch Director, 407 Park Avenue South Apt 15A, New York City, NY 10016, slubarsky@gmail.com

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South Jersey Branch (1974)

Area: In NEW JERSEY, Counties of Camden, Gloucester, Salem, Cumberland, Cape May, Atlantic and in Burlington Co. area south of NJ Rte. 528 and west of US Route 206.

Jamie L. Gooch, A.M.ASCE, Branch President, 13 Birch Ave, Westville, NJ 08093, (856)228-5566, gooch@raiseresources.com; Joseph D. Janos, A.M.ASCE, Branch Past-President, Traffic Planning and Design, One Port Center 2 Riverside Drive, Suite 506, Camden, NJ 08103, (856) 966-4242, jjanos@trafficpd.com; Bradley J. Summerville, P.E., M.ASCE, Branch President-Elect, 105 Harmony Rd, Mickleton, NJ 08056, (856)251-9980, bradsummerville@pconsultantsinc.com; A A. Feranda, P.E., M.ASCE, Branch Secretary, 5 Meadowview Drive, Shamong, NJ 08088, (609) 714-0400, (609)714-9944, aferanda@sallc.org; Wayne L. Roorda Jr., P.E., M.ASCE, Branch Treasurer, 14 Randolph Dr, Sicklerville, NJ 08081-1145, (856) 228-8773, (856) 546-8612, taliboubou@gmail.com; Vittorio M.
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**New Mexico Section (1929)**

Area: All NEW MEXICO.

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**Northern Branch (1964)**

Area: In NEW MEXICO, Counties of Bernalillo, Catron, Cibola, Colfax, Curry, De Baca, Guadalupe, Harding, Los Alamos, McKinley, Mora, Quay, Rio Arriba, Roosevelt, San Juan, San Miguel, Sandoval, Santa Fe, Socorro, Taos, Torrance, Union and Valencia.

Jeremy W. Cok, P.E., M.ASCE, *Branch President*, PB, 6100 Uptown Blvd Suite 700, Albuquerque, NM 87110, jeremycok@hotmail.com; Kimberly C. Coleman, P.E., M.ASCE, *Branch Vice President*, 2232 Sidewinder St SW, Los Lunas, NM 87031, (505) 720-7068, harper@alumni.nmt.edu; Amelia W. Scharrer, P.E., M.ASCE, *Branch Secretary - Treasurer*, WHPacific, 6501 Americas Pkwy NE Ste 400, Albuquerque, NM 87110-5312, ascharrer@wpacific.com

**Southern Branch (2004)**

Area: In NEW MEXICO, Counties of Chaves, Dona Ana, Eddy, Grant, Hidalgo, Lea, Lincoln, Luna, Otero and Sierra.

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ORGANIZATION OF MEMBERSHIP

Nigeria Section (2010)

Area: All NIGERIA.

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North Carolina Section (1923)

Area: All NORTH CAROLINA.

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Coastal Branch (1982)

Area: In NORTH CAROLINA, Counties of Bertie, Beaufort, Brunswick, Camden, Carteret Chowan, Columbus, Craven, Currituck, Dare, Gates, Hertford, Hyde, Jones, Martin, New Hanover, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Tyrrell and Washington.

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Younger Members, Michael T. Siburt, P.E., M.ASCE, President, MBP, 3101 Poplarwood Court Suite 301, Raleigh, NC 27604, (919) 875-0124, msiburt@mbpce.com

Northern Branch (1962)
Area: In NORTH CAROLINA, Counties of Ashe, Alleghany, Wilkes, Surry, Yadkin, Davie, Stokes, Forsyth, Davidson, Rockingham, Guilford, Randolph, Caswell and Alamance.
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Southern Branch (1962)
Area: In NORTH CAROLINA, Counties of Cleveland, Catawba, Alexander, Lincoln, Gaston, Iredell, Mecklenburg, Rowan, Cabarrus, Stanly, Montgomery, Union, Anson and Richmond.
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Western Branch (1937)
Area: In NORTH CAROLINA, Counties of Cherokee, Graham, Clay, Macon, Swain, Jackson, Haywood, Transylvania, Madison, Buncombe, Henderson, Yancey, McDowell, Mitchell, Rutherford, Polk, Avery, Burke, Caldwell, and Watauga.
Daniel S. McGough, P.E., M.ASCE, Branch President, Bunnell-Lammons Engineering, 130 Oval Rd Suite 200, Arden, NC 28704, hguogcm@gmail.com; William T. Gentry III, P.E., P.E., M.ASCE, Branch Past-President, 56 Buffalo St, Asheville, NC 28806-3602, (828)545-3416, wgentry19@gmail.com; Mona Ellum, P.E., M.ASCE, Branch President-Elect, Ellum Engineering, 44 Woodland Drive, Fairview, NC 28730, (828)989-8027, Mona.Ellum@EllumEngineering.com; Christopher Otahal, P.E., M.ASCE, Branch Treasurer, chris@kloesel-engineering.com; Jill M. Heimburg, M.ASCE, Branch Webmaster, 1308 Patton Ave, Asheville, NC 28801, (828) 251-9690, jmheimburg@mactec.com

North Dakota Section (1973)
Area: All NORTH DAKOTA.
ORGANIZATION OF MEMBERSHIP

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Oklahoma Section (1920)

Area: All OKLAHOMA.

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Oklahoma City Branch (1948)

Area: In OKLAHOMA, All Counties not assigned to the Tulsa Branch.

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Younger Members, Kirk D. Evans, P.E., M.ASCE, Contact, 2806 Winding Creek Ln NE, Piedmont, OK 73078-9132, (405)418-5884, okstatekirk@yahoo.com; Ilias I. Gibigaye, A.M.ASCE, Contact, igibigaye@mb-eng.com

Tulsa Branch (1948)

Area: In OKLAHOMA, Counties of Noble, Pawnee, Kay, Osage, Washington, Nowata, Craig, Ottawa, Rogers, Mayers, Delaware, Creek, Tulsa, Wagoner Cherokee, Adair, Okmulgee, Muskogee, Okfuskee, McIntosh, Sequoyah, Pittsburg, Haskell, LeFlore, Latimer, Pushmataha and McCurt.

Nick A. Braddy, A.M.ASCE, Branch President, 8781 S 262nd East Ave, Broken Arrow, OK 74014-3277, (479) 461-1193, NABraddy@GarverUSA.com; Kyle M. Williams, A.M.ASCE, Branch Vice President, 1300 South Lewis Suite 300, Tulsa, OK 74136, (918)250-5922, (918)250-6529, KMWilliams@GarverUSA.com; Pedro Maltos Jr., Aff.M.ASCE, Branch Secretary, 9221 S Riverside Parkway Apt F, Tulsa, OK 74137, (870)737-3514, pmailto@garverusa.com; Ryan T. McKaskle, P.E., M.ASCE, Branch Treasurer, 4816 S 165th East Ave, Tulsa, OK 74134-7270, (918)893-4226, rtmckaskle@gmail.com; Melvin G. Phillips, P.E., M.ASCE, Branch Director, Wallace Eng Struct Cons, 200 East Brady Street, Tulsa, OK 74103, (918) 584-5858, (918) 584-8689, genepl@wallacecsc.com
Younger Members, Andy L. Blankenship, A.M.ASCE. Contact, Cobb Engineering Company, 4617 E. 91st St. South, Tulsa, OK 74137, (918)663-9401, ablankenship@cobbengr.com

Oregon Section (1913)

Area: All OREGON, except Counties of Morrow, Umatilla, Wallowa, Baker and Malheur; In WASHINGTON, Counties of Wahkiakum, Cowlitz, Clark and Skamania.

Melissa R. Moncada, P.E., M.ASCE, President, Ch2m Hill, 2020 S.W. 4th Avenue, Suite 300, Portland, OR 97204, (503)423-3766, melissa.robelo@gmail.com; Jason M. Magalen, A.M.ASCE, President-elect, 12635 SW Camelia St., Beaverton, OR 97005, (541) 793-3652, jmagalen@seaengineering.com; Christian F. Steinbrecher, P.E., M.ASCE, Past President, Columbia River Port Engineers, 5319 SW Westgate Dr Ste 225, Portland, OR 97221, (503)297-4827, (866)334-1952, CFS@CarPEngrs.com; Mark A. Libby, P.E., M.ASCE, Secretary, HDR Engineering Inc, 1001 SW 5th Ave. Suite 1800, Portland, OR 97204, (503) 590-6131, (503) 423-3737, mark.libby@hdrinc.com; Eric E. Destival, P.E., M.ASCE, Treasurer, City of Salem- Public Works, 555 Liberty St SE Rm 325, Salem, OR 97303-3513, (503)588-6211, (503)588-6025, edestival@cityofsalem.net

Environmental, Shane Sheldon, MSCE, President, HDR Engineering Inc., 1001 SW 5th Ave. Suite 1800 Oregon, Portland, OR 97204, (503)423-3766, shane.sheldon@hdrinc.com

Geo-Institute Chapter, Christopher I. Carpenter, P.E., M.ASCE, Chair, 8440 SW 70th Pl, Tigard, OR 97223-9364, (503)452-1528, ccarpenter@cornforthconsultants.com

History & Heritage, Charles E. Riley Jr., Ph.D., P.E., M.ASCE, Chair, 451 Damont St, Klamath Falls, OR 97601, (541) 885-1922, charles.riley@oit.edu

Program, Allison M. Pyrch, P.E., M.ASCE, Chair, Shannon & Wilson, Inc., 3990 Collins Way STE 100, Lake Oswego, OR 97035-3437, (503)210-4763, amp@shanwil.com; Tsung Hwa S. Burkhart, A.M.ASCE, Contact, 25628 N.E. Rawson Rd., Brush Prairie, WA 98606-5825, tsunghwa@alum.mit.edu

Younger Member Forum, Julie K. Infante, P.E., M.ASCE, President, 21032 Jenny Marie Ln NE, Aurora, OR 97002-9272, (805)320-8936, jkentosh@gmail.com

Capital Branch (2002)

Area: In OREGON, Counties of Douglas, Lane, Linn, Benton, Lincoln, Polk and Marion.

Joshua K. Goodall, P.E., M.ASCE, Branch President, 463 Golden Eagle St, Salem, OR 97304, (541)788-5830, joshg@quincyeng.com; Peter A. Olsen, P.E., M.ASCE, Branch Vice President, polsen@kellerasassociates.com; Kevin D. Denn, P.E., M.ASCE, Branch Past-President, kdenn@westconsultants.com; Kenneth D. Puhn, A.M.ASCE, Branch President-Elect, West Consultants, Inc., 2607 25th St SE Ste 450, Salem, OR 97302, (503)485-5490, (425) 646-0570, kpuhn@westconsultants.com; Adam Butts, A.M.ASCE, Branch Secretary, 3700 River Road N #2, Keizer, OR 97303, adam@4bengineering.com; Hans R. Hadley, P.E., M.ASCE, Branch Treasurer, West Consultants Inc, 2601 25th ST SE Suite 450, Salem, OR 97302, (503) 485-5490, hhadley@westconsultants.com

Membership, Kenneth L. Roley, P.E., M.ASCE, Champion, City of Salem Public Works Department, Public Works 555 Liberty Street SE Room 325, Salem, OR, 97301-5513, (503) 588-6211 EXT 7259, kroley@cityofsalem.net

Program, Dan W. Minturn, P.E., M.ASCE, Chair, 6257 Nelson Loop SW, Albany, OR 97321, (541) 928-8325, dminturn@hwlochner.com

Southwest Washington Branch (1992)

Area: In WASHINGTON, Counties of Clark, Cowlitz, Skamania and Wahkiakum.

Ryan M. Jeynes, P.E., M.ASCE, Branch President, City of Battle Ground, 109 SW 1st St Ste 122, Battle Ground, WA 98604-2816, (360) 342-5078, Ryan.Jeynes@cityofbg.org; Daniel R. Shafar, P.E., M.ASCE, Branch Secretary, Bergerabam’s Portland Office, 700 NE Multnomah St, Portland, OR 97223-2131, (503)872-4100, Dan.Shafar@abam.com; Craig S. Dewey, P.E., P.G., M.ASCE, Branch Treasurer, PO Box 61568, Vancouver, WA 98666-1568, geowrite@comcast.net

Panama Section (1931)

Area: All REPUBLIC OF PANAMA
ORGANIZATION OF MEMBERSHIP

Horacio V. Ibarra, P.E., M.ASCE, President, The Louis Berger Group, Inc., Edificio 116, Calle Vicente Bonilla, Ciudad Del Saber, Clayton PAN, hibarra@louisberger.com; Rogelio A. Manning, P.E., M.ASCE, Vice President, 0819 El Dorado, Panama City, 10053 PAN, Ramanning@pancanal.com; Abelardo V. Bal Renau, M.ASCE, Past President, PO BOX 0816-01868, Panama, PAN,abal@pancanal.com; Hector De Lima Jr., M.ASCE, Secretary, Apartado 0843-02469, Panama, PAN, hedeli@cwpanama.net; Gabriel Borras, A.M.ASCE, Treasurer, The Louis Berger Group Inc., 1250 23rd St NW, Washington, DC 20037-1164, (202)331-7775, (202)293-0787, gborras@louisberger.com

Philadelphia Section (1913)
Area: In PENNSYLVANIA, Counties of Berks, Chester, Delaware, Montgomery, Philadelphia and Bucks.


Construction, Dennis M. Mac Bride, P.E., M.ASCE, Chair, 1234 Market Street 12th Floor, Philadelphia, PA 19107, (856) 788-7743, dmacbride@septa.org

Delaware Valley Geo-Institute Chapter, Robert M. Sabanas, P.E., M.ASCE, Chair, 534 Bookbinder Way, Lansdale, PA 19446, (215) 351-7733, (610)640-7459, r.sabanas@gaiconsultants.com

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Environmental & Water Resources, Eveann S. D’Onofrio, P.E., M.ASCE, Chair, 128 Regency Dr, Audubon, PA 19403-1755, (610) 631-5865

Membership, Kazi M. Hassan, P.E., M.ASCE, Chair, 3001 Market St One Drexel Plaza - 2nd Floor Division 0108, Philadelphia, PA 19104, (215)254-7720, kazihassan@pennoni.com

Structural Eng Institute Chapter, Khalid Shaikh, A.M.ASCE, Chair, 16 Manley Rd, Pennington, NJ 08534-5134, (609)372-8313, Daniel172@hotmail.com

Transportation & Urban Development, William T. Thomsen Sr., P.E., M.ASCE, Chair, 694 Mt View Rd, Berwyn, PA 19312, (610) 889-3355, (212) 736-9101, wtthomsen@urbanengineers.com

Younger Members, Chris A. Gray, P.E., M.ASCE, President, Timothy Haahs & Associates, Inc., 550 Township Line Rd Ste 100, Blue Bell, PA 19422-2733, (484)342-0200 EXT 121, cgray@timhaahs.com

Reading Branch (1975) (inactive)
Area: In PENNSYLVANIA, Berks County, western portion of Montgomery County and northwest portion of Chester County.

Philippines Section (2010)
Area: All PHILIPPINES
Ernesto S. De Castro, Ph.D., M.ASCE, President, #25 Chico St. Valle Verde 1 Ugong, Pasig City, PHL, esdec@escaengineers.com; Armando Cazzola, P.E., M.ASCE, Past President, Foundation Specialists, Inc., Legaspi Towers 200, No.107, Paseo De Roxas, Makati, 1226 PHL, dr.cazzola@foundation-specialists.com; Jaime A. Pacanan, P.E., M.ASCE, Secretary, Philippine Institute of Civil Engineers, Inc (PICE), PICE building at #4 Albany St., Quezon City, Cubao PHL, pacanan.jaime@dphw.gov.ph; Vincent F. Porrazzo, M.ASCE, Treasurer, PO Box 7444 Domestic Airport Post Office, Pasay City, Metro Manila 1300 PHL, vporrazzo@yahoo.com; Potenciano A. Leoncio Jr., P.E.,
Pittsburgh Section (1918)


Ralph W. Gilbert Jr., P.E., F.ASCE, President, 1000 Wade Lane, Oakmont, PA 15139, (412) 497-6013, (412) 497-6080, Ralph.gilbert1996@gmail.com; Kemal Nisic, P.E., M.ASCE, Vice President, 333 S Winebiddle, Pittsburgh, PA 15224, (412) 497-2944, (412) 497-2901, Kemal.Nisic@hatchmott.com; William Gross, P.E., M.ASCE, Past President, 111 Hillcrest Drive, Pittsburgh, PA 15237, (412) 480-4583, (412) 497-6080, bgross@hdrinc.com; Coreen M. Casadei, P.E., M.ASCE, Secretary, Collective Efforts LLC, 462 Perry Highway, 2nd Floor, Pittsburgh, PA 15229, (412) 495-0114, (412) 497-0117, ccasadei@collectiveefforts.com; Robert W. Dengler II, P.E., M.ASCE, Treasurer, Sieg & Associates Inc, PO Box 756, Wexford, PA 15090, (724) 935-2040, (724) 935-5010, rdengler@gfnet.com; Kate Angell, Paid Administrative Staff, 5519 Hobart Street, Pittsburgh, PA 15217.

Architectural Engineering Group, Jonathan D. McHugh, P.E., M.ASCE, Chair, Gannett Fleming, Inc., 601 Holiday Dr. Ste. 200, Pittsburgh, PA 15220, (412) 922-3717, jmchugh@gfnet.com

Awards, Karl P. Sieg, P.E., M.ASCE, Chair, Sieg & Associates Inc, PO Box 756, Wexford, PA 15090, (724) 935-2040, (724) 935-5010, kpse@fyi.net

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Environmental & Water Resources Institute Chapter, Timothy Brett, P.E., M.ASCE, Chair, 304 Treetop Dr., Canonsburg, PA 15317, (724) 331-6763, tbrett79@yahoo.com

Geo-Institute Chapter, Stephanie M. Chechak, A.M.ASCE, Chair, 287 Holland Court, Coraopolis, PA 15108, (412) 882-0979, schechak@GFNET.com

History & Heritage, David L. Wright, P.E., M.ASCE, Chair, Dept Of Public Works 501 County Office Bldg, 542 Forbes Avenue, Pittsburgh, PA 15219, (412) 350-6645, dwright@alleghenycounty.us

Legislative Affairs, Nathaniel S. Hayes, P.E., M.ASCE, Chair, 115 Saint Joseph Way, Pittsburgh, PA 15203, (412) 370-6842, nathaniel.s.hayes@gmail.com

Membership, Larry W. Souleret, P.E., M.ASCE, Chair, 4727 Baldwin Manor Rd, Pittsburgh, PA 15227, (412) 207-2427, (412) 264-1200, lsouleret@issc.com

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Structural Engineering Institute Chapter, Linda M. Kaplan, A.M.ASCE, Chair, 1904 Elmdale Rd, Pittsburgh, PA 15205, (412) 922-5575, ikkaplan@GFNET.com

Transportation & Development, Jeffrey P. Hans, P.E., M.ASCE, Chair, Cranberry Twp, PA 16066, (412) 922-3717, jphans@hdrinc.com

Student Awards Foundation, Andrew L. Deao, P.E., M.ASCE, Chair, Gannett Fleming Inc, 601 Holiday Drive, Pittsburgh, PA 15220, (412) 922-5575, (412) 922-3717, adeao@gfnet.com

Younger Members, Angela M. Mayer, A.M.ASCE, President, KU Resources, Inc., 9 South Linden Street, Duquesne, PA 15110, (412) 469-9331, (412) 469-9336, angmayer@gmail.com

Northwestern Pennsylvania Branch (1983) (inactive)

Area: In PENNSYLVANIA, Counties of Clarion, Crawford, Erie, Forest, Mercer, Verango, Warren and McKean.

M.ASCE, Executive Director, #9 Axtell St North Fairview Park, Quezon City, 1121 PHL, paleoncio1726@yahoo.com
Puerto Rico Section (1929)

Area: All PUERTO RICO.

Gustavo E. Pacheco, P.E., M.ASCE, President, PO Box 191431, San Juan, PR 00919, (787) 759-6647, (787)773-0098, gustavopachecocrosetti@gmail.com; Jose R. Despiau, P.E., M.ASCE, Vice President, PO Box 11562, San Juan, PR 00910, (787) 579-5355, jdespiau@despiau.net; Carlos F. Rodriguez-Jimenez Jr., P.E., M.ASCE, Secretary, Geo-Engineering, PO Box 270328, San Juan, PR 00927, (787) 781-6340, carlosf@geo-engineering.com; Hector J. Cruzado, P.E., M.ASCE, Treasurer, Polytechnic University of Puerto Rico, P.O. Box 192017, San Juan, PR 00919, (787)622-8000 EXT 436, (787) 773-0098, hcruzado@pupr.edu

Student Chapter, Max R. Laracuente, A.M.ASCE, Chair, P.O.Box 345, Mayaguez, PR 00681, (787) 832-7612, (787) 832-6360, wsoil@prtc.net

Quad Cities Section (1940)

Area: In ILLINOIS, counties of Carroll, Whiteside, Lee, Henry, Rock Island, Mercer and Knox; In IOWA, counties of Clinton, Scott and Muscatine.

Matthew S. Zager, P.E., M. ASCE, President, 514 E 29th Place, Davenport, IA 52803, (309) 794-5584, mzager1979@gmail.com; Candice L. Bark, P.E., M.ASCE, Vice President, barkcandice@stanleygroup.com; Christian Hawkinson, P.E., M.ASCE, Past President, 237 Hillcrest Avenue, Davenport, IA 52803, (563)265-5124, chrsnthwknsn@yahoo.com; Amanda M. Geddes, A.M.ASCE, Secretary, 2317 Belle Avenue, Davenport, IA 52803, (262) 210-6014, amanda.m.geddes@usace.army.mil; Justin J. Johnson, P.E., M.ASCE, Treasurer, City of Rock Island, Public Works Department 1309 Mill Street, Rock Island, IL 61201, (309) 732-2225, (309) 732-2380, johnson.justin@rigov.org

Republic of Colombia (1957)

Area: All REPUBLIC OF COLOMBIA.

Jaime Santamaria-Serrano, P.E., F.ASCE, President, Calle 89 # 10 - 57, Apto. 402, Bogota, D.C., COL, jsanta@ingetec.com.co

Rhode Island Section (1920)

Area: All RHODE ISLAND.

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Nomination, L Robert Smith, P.E., F.ASCE, Chair, 10 Twins Lane, N Providence, RI 02904, (401) 353-4884, (401) 353-4884, lrsmitp@cox.net

Program, Chris D. Baxter, A.M.ASCE, Chair, Department of Ocean/Civil Engineering, University of Rhode Island, Narragansett, RI 02882, (401) 874-6575, baxter@oce.uri.edu

Scholarship, Anthony Ruocco, P.E., M.ASCE, Chair, SECCM-RWU, RWU School of Engineering 1 Old Ferry Road, Bristol, RI 02809, (401) 254-3334, aruocco@rwu.edu

Younger Members, Chad T. Morrison, P.E., M.ASCE, Chair, 38 Boiling Spring Avenue, Westerly, RI 02891, (401)231-4870 EXT 2207, cmorrison@berlinsteelri.com
Rochester Section (1923)

Area: In NEW YORK, Counties of Orleans, Genesee, Wyoming, Livingston, Monroe, Wayne, Ontario and Yates.

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Membership, Thomas J. Zaso, A.M.ASCE, Champion, ROC Geotechnical Consulting Engineers, 3445 Winton Pl Ste 117, Rochester, NY 14623-2950, (585) 377-7544, tzaso@roceotechnical.com

Younger Members, Katherine C. Dugan, P.E., M.ASCE, President, kdugan101@gmail.com

Sacramento Section (1921)

Area: In CALIFORNIA, Counties of Siskiyou, Modoc, Lassen, Shasta, Trinity, Tehama, Plumas, Sierra, Butte, Glenn, Colusa, Sutter, Yuba, Nevada, Placer, El Dorado, Alpine, Amador, Sacramento, Yolo, San Joaquin, Calaveras, Tuolumne and Stanislaus.

Kimberly I. Brown, P.E., M.ASCE, President, HDR, Inc., 2365 Iron Point Road #300, Folsom, CA 95630, (916) 817-4925, (916) 817-4747, kimberly.brown@hdrinc.com; Thor A. Larsen, P.E., M.ASCE, Past President, 2441 Headington Road, Placerville, CA 95667, (916) 973-0356, (916) 941-8910, thor.larsen@edcgov.us; Keith Flaherty, P.E., M.ASCE, Secretary, 2761 Greenbrook Drive, Camino, CA 95709, keith.flaherty@valicooper.com; Kyle A. Sanford, P.E., A.M.ASCE, Treasurer, 2365 Iron Point Road #300, Folsom, CA 95630-4846, (916)817-4768, kyle.sanford@hdrinc.com; Lori Campbell, Paid Administrative Staff, PO Box 2575, Sacramento, CA 95828, (916)965-1536, lkc.consulting@sbcglobal.net; Jeremy Christiansen, A.M.ASCE, Webmaster, jdcchristiansen@ou.edu; Oscar Serrano, P.E., M.ASCE, Executive Director, Colusa Indian Community Council, 3730 Highway 45, Colusa, CA 95932, (530)458-3866 EXT 66, oserrano@colusa-nsn.gov

Construction Institute, Louay M. Owaidat, P.E., M.ASCE, Chair, Magnus Pacific, 3001 Lava Ridge Court Suite 240, Roseville, CA 95661, (916)233-1137, (916) 787-4066, lowaidat@magnuspacific.com

Environmental & Water Resources, Pal A. Hegedus, P.E., D.WRE, M.ASCE, Chair, 14 Spray Court, Sacramento, CA 95831, (916) 427-5624, (916)928-5177, pal.hegedus@gmail.com

Geo-Institute Chapter, Matthew S. Moyneur, A.M.ASCE, Chair, 3142 Pender Island St, West Sacramento, CA 95691-5887, (916) 372-1434, mmoyneur@wallace-kuhl.com

Structural Engineering Institute Chapter, Natalie E. Calderone, P.E., M.ASCE, Chair, natalie.calderone@aecom.com

Younger Member Forum, Marie I. Silveira, P.E., M.ASCE, President, Jacobs Engineering Group, 1050 20th Street Ste 200, Sacramento, CA 95811, (916) 929-3323, marie.silveira@jacobs.com

Capital Branch (1997)

Area: In CALIFORNIA, Counties of Sacramento, Yolo, El Dorado, Sierra, Plumas, those portions of Nevada and Placer counties which are east of the crest of the Sierra Nevada mountains, and the 95661 and 95678 zip code areas of Roseville in the state of California.

Darren A. Mack, P.E., M.ASCE, Branch President, SAGE, Inc., 4180 Douglas Boulevard Suite 100, Granite Bay, CA 95746, (916) 543-9250, dmack@sageengineers.com; Mario T. Carreon, P.E., M.ASCE, Branch Past-President, Blue Oak Energy, 1560 Drew Ave, Davis, CA 95618-6320, (916)802-6470, mario.carreon34@gmail.com; Natalie E. Calderone, P.E., M.ASCE, Branch President-Elect, natalie.calderone@aecom.com; Mauricio Luna, A.M.ASCE, Branch Secretary, 2799 Shoemaker Ct, Woodland, CA 95776, (916) 835-9755, mxl@shanwil.com; Richard W. Weitzenberg,
ORGANIZATION OF MEMBERSHIP

P.E., M.ASCE, Branch Treasurer, 800 Lake Oak Court, Sacramento, CA 95864, (916) 482-5941, richard@mechaneyes.com

Central Valley Branch (1953)
Area: In CALIFORNIA, Counties of Amador, Alpine, Tuolumne, Calaveras, San Joaquin and Stanislaus.
Adam J. Killinger, P.E., M.ASCE, Branch President, 10132 River Park Cir, Stockton, CA 95209-4182, (951) 265-5289, adamkillinger@gmail.com; David P. Castro, P.E., M.ASCE, Branch Vice President, 3528 Dothan Dr, Modesto, CA 95357, (209) 946-0268, david.castro@crawford-inc.com; Kevin A. Seeman, Aff.M.ASCE, Branch Past-President, 9374 Foulks Ranch Dr., Elk Grove, CA 95758, (916) 684-5534, (916) 684-6127, keeeman@contech-cpi.com; Jeffrey A. Mueller, P.E., M.ASCE, Branch Secretary, KSN Inc., 711 N Pershing Ave, Stockton, CA 95203, (209) 234-4700, jmueller@ksninc.com; David L. Tucker, P.E., F.ASCE, Branch Treasurer, 6042 Lone Star Lane, Riverbank, CA 95367, (209) 384-1354, david.tucker@stanfordalumni.org

 Feather River Branch (1953)
Area: In CALIFORNIA, Counties of Butte, Glenn, Colusa, Sutter, Yuba and those portions of Nevada and Placer Counties which are west of the Sierra Nevada crest, excluding the 95678 Zip Code area of Roseville.

 Shasta Branch (1951)
Area: In CALIFORNIA, Counties of Siskiyou, Modoc, Trinity, Shasta, Lassen and Tehama.
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 San Diego Section (1915)
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Imperial Valley Branch (1995)
Area: In CALIFORNIA, County of Imperial.
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San Francisco Section (1905)
Area: In CALIFORNIA, Counties of Del Norte, Humboldt, Mendocino, Lake, Napa, Sonoma, Marin, Solano, San Francisco, Contra Costa, San Mateo, Alameda, Santa Cruz, Monterey, San Benito, Merced, Mariposa, Madera, Fresno, Kings and Tulare.
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Fresno Branch (1959)
Area: In YALIFORNIA, Counties of Fresno, Kings, Madera, Mariposa, Merced and Tulare.
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Golden Gate Branch (1971)
Area: In CALIFORNIA, Counties of Alameda, Contra Costa, Marin, San Francisco, San Mateo and Solano.
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North Coast Branch (1966)
Area: In CALIFORNIA, Counties of Del Norte and Humboldt.
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Redwood Empire Branch (1958)
Area: In CALIFORNIA, Counties of Del Norte and Humboldt.
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San Jose Branch (1956)
Area: In CALIFORNIA, Counties of Santa Clara, Santa Cruz, San Benito and Monterey.
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Younger Member, Waldon Wong, P.E., M.ASCE, President, 2117 Natasha Ct, Santa Rosa, CA 95403-7949, (707)576-2764, (707)576-2722, gbcue.com@gmail.com

Saudi Arabia Section (1988)
Area: All SAUDI ARABIA.
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Seattle Section (1913)

Area: In WASHINGTON, Counties of San Juan, Whatcom, Skagit, Snohomish, Island, Clallam, Jefferson, Kitsap and King.

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Boeing Branch (2004)
Area: In WASHINGTON STATE, Counties of King, Pierce and Snohomish.
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Kitsap Branch (1982)
Area: In WASHINGTON, Counties of Kitsap, Clallam and Jefferson.
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North Branch (1997)
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South Carolina Section (1934)
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Catawba Branch (1981)

Area: In SOUTH CAROLINA: Counties of Cherokee, Chester, York, Lancaster and Union.

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Central Savannah River Valley Branch

Area: In SOUTH CAROLINA, Counties of McCormick, Edgefield, Aiken, Barnwell, Bamberg, Allendale; In GEORGIA, Counties of Lincoln, Columbia and Richmond.

Ronald M. Campbell, P.E., M.ASCE, President, 3491 Greenway Drive, Evans, GA 30809, (678) 480-5143, merlyp@gmail.com; Merideth K. Pool, P.E., M.ASCE, Branch Newsletter Editor, Savannah River Remediation LLC, PO Box 5851, Aiken, SC 29804-5851, (803) 557-9903, scciveng@members.asce.org; Ronald M. Campbell, P.E., M.ASCE, Branch Webmaster, Savannah River Remediation LLC, PO Box 5851, Aiken, SC 29804-5851, (803) 557-9903, scciveng@members.asce.org

Younger Members, Merideth K. Pool, P.E., M.ASCE, President, 157 Blair Dr, North Augusta, SC 29860-9785, (678) 480-5143, merlyp@gmail.com

Eastern Branch (1961)

Area: In SOUTH CAROLINA, Counties of Georgetown, Berkeley, Dorchester, Colleton, Hampton, Charleston, Beaufort and Jasper.

Daniel H. Johnson, P.E., M.ASCE, Branch President, Wildlands Engineering, Inc., 890 Johnnie Dodds Blvd. Suite 205 (Building 3) P.O. Box 1025, Mount Pleasant, SC 29464, (803)360-8806, djohnson@wildlandseng.com; Matthew S. Goodrich, P.E., M.ASCE, Branch Vice President, MG Associates, 287 Beech Hill Lane, Mount Pleasant, SC 29464, (843)375-9022, mgoodrich@yahoo.com; Michael A. Putnam, P.E., M.ASCE, Branch Secretary, 1135 Marsh Harbor Lane, Charleston, SC 29406, (843)
ORGANIZATION OF MEMBERSHIP

554-8602, (843) 747-6485, mputnam@davisfloyd.com; Bryan Kizer, P.E., M.ASCE, Branch Treasurer; 349 Evian Way, Mount Pleasant, SC 29464, bkizer91@gmail.com; Jonathan N. Ard, P.E., M.ASCE, Branch Newsletter Editor, WPC A Terracon Company, 1450 Fifth St W, North Charleston, SC 29405-2326, (843)884-1234, (843)884-9234, jnard@terracon.com

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Younger Members, Keane Steele, A.M.ASCE, President, Beneryi Incorporated, 49 Immigration Street, Charleston, SC 29403, (704) 740-6889, KSteele@Berenyi.com

Grand Strand Branch (2002)
Area: In SOUTH CAROLINA, Counties of Horry, Marion and Florence.
James C. Parker, P.E., M.ASCE, Branch President, 585 Ridge Dr, Myrtle Beach, SC 29588, (843)448-0910, (843)448-0969, jcp.asce@gmail.com; Irvin L. Anderson III, Aff.M.ASCE, Branch Vice President, Terracon, 1246 Howard Avenue, Myrtle Beach, SC 29579, (843)286-2500, ilanderson@terracon.com; Suliban E. Deaza, P.E., M.ASCE, Branch President-Elect, 541 Fort Moultrie Ct, Myrtle Beach, SC 29588, (843)251-6488, suliban.deaza@hgtc.edu; Andrew M. Bornemann, A.M.ASCE, Branch Secretary, abornemann@smeinc.com; Amber L. Wall, P.E., Branch Treasurer, Wall Engineering, LLC, 314 B Laurel St., Conway, SC 29526, (843) 347-5851, awall@sccoast.net; James C. Parker, P.E., M.ASCE, Branch Webmaster, 585 Ridge Dr, Myrtle Beach, SC 29588, (843)448-0910, (843)448-0969, jcp.asce@gmail.com

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Younger Members, James C. Parker, P.E., M.ASCE, Chair, 585 Ridge Dr, Myrtle Beach, SC 29588, (843)448-0910, (843)448-0969, jcp.asce@gmail.com

Midlands Branch (1963)
Area: In SOUTH CAROLINA, Counties of Newberry, Fairfield, Kershaw, Richland, Lexington, Sumter, Calhoun and Orangeburg.
John A. Collum, A.M.ASCE, Branch President, Tidewater Environmental Services, Inc., P.O. Box 8902, Columbia, SC 29202, (803) 765-0070, (803) 794-2148, john@tidewaterenvironmental.com; David K. Yoder, A.M.ASCE, Branch Vice President, 304 Yardley Farms Ct., West Columbia, SC 29170, (803) 227-3431, (803) 227-3784, DKYoder@lpgroup.com; Michael L. Hoo, P.E., M.ASCE, Branch Past-President, Davis and Floyd, 240 Stoneridge Drive, Suite 305, Columbia, SC 29210, (803) 256-4121, (803) 254-4549, uscmike1@yahoo.com; Elizabeth C. Kelly, A.M.ASCE, Branch President-Elect, 2826 Keats Street, Columbia, SC 29204, (803)334-7761, elizabethkelly@gmail.com; John P. Felkel, P.E., M.ASCE, Branch Secretary, 307B Falls Street, Lexington, SC 29072-3842, (803)822-0334 EXT 3032, (803)822-0034, preston.felkel@ice-eng.com; Charles W. Deep, P.E., M.ASCE, Branch Treasurer, charlie@4dengr.com; Christopher R. Goff, A.M.ASCE, Branch Newsletter Editor, rgoff@alliancece.com

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USC Liaison, Renee S. Gardiner, Contact, 208 South Springs Road, Columbia, SC 29223, (803)788-3774, rgardiner@usc.edu

Upstate Branch (1963)
Area: In SOUTH CAROLINA, Counties of Ocone, Pickens, Greenville, Spartanburg and Anderson.
Petrina C. Butler, P.E., M.ASCE, Branch President, 202 Laurel Meadows Pkwy, Greenville, SC 29607, (561) 628-7711, petrina.butler@yahoo.com; Nitin K. Dudani, P.E., M.ASCE, Branch Vice President, Terracon Consultants, Inc., 3534 Rutherford Rd, Taylors, SC 29607-2142, (864)292-2901, (864)292-6361, nkudani@terracon.com; Boggs Howard, P.E., M.ASCE, Branch Past-President, Fluor 100 Fluor Daniel Drive, Greenville, SC 29607, (864)349-8198, boggs@fluor.com; Paul Mills, P.E., M.ASCE, Branch Secretary, Milone and Macbroom Inc, 307B Falls Street, Greenville, SC 29601, (864) 271-9598, paulm@miloneandmacbroom.com; John L. Catoe, P.E., M.ASCE, Branch Treasurer, Fluor Enterprises, Inc., 100 Fluor Daniel Drive, Greenville, SC 29607-2770, (864)281-6671, John.Catoe@fluor.com; Paul Mills, P.E., M.ASCE, Branch Newsletter Editor, Milone and Macbroom Inc, 307B Falls Street, Greenville, SC 29601, (864) 271-9598, paulm@miloneandmacbroom.com

Younger Members, Ryan Eckenrode, P.E., M.ASCE, Chair, ryan.eckenrode@ae.com
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South Dakota Section (1958)

Area: All SOUTH DAKOTA.

William H. Holder, P.E., M.ASCE, President, 4711 Carriage Hills Dr, Rapid City, SD 57702-8338, (605)791-1106, (605)388-0064, wholder@amengtest.com; Erin M. Steever, P.E., M.ASCE, President-elect, e.steever@sio.midco.net; Brittni A. Stephens-Yates, A.M.ASCE, Vice President, 1205 E 30th Street, Sioux Falls, SD 57105, (402) 689-8561, brittyates26@gmail.com; Carey L. Bretsch, P.E., M.ASCE, Past President, PRESIDENT 609 MAIN AVE S, BROOKINGS, SD 57006, (605)696-3200, (605)696-3220, cbretsch@civildes.com; Beth Niemeyer, P.E., M.ASCE, Secretary Treasurer, 718 11th St, Brookings, SD 57006, (605) 697-9111, bethn@bannerassociates.com

Structural Engineering, Nadim I. Wehbe, P.E., M.ASCE, Chair, South Dakota State Univ, Civil & Environmental Eng Box 2219, Brookings, SD 57007, (605) 688-4291, (605) 688-6476, nadim.wehbe@sdsstate.edu

Black Hills Branch (1959)

Area: In SOUTH DAKOTA, Counties of Harding, Perkins, Butte, Meade, Lawrence, Pennington, Custer, Fall River and Shannon.

Steven D. Schelske, P.E., F.ASCE, Branch President, Indian Health Service, Suite 200 420 South Garfield Avenue, Pierre, SD 57501, sschelske@usbr.gov; John A. Niemela, P.E., M.ASCE, Branch Vice President, janiemela@dishmail.net; Soonkie Nam, Ph.D., A.M.ASCE, Branch Secretary - Treasurer, South Dakota School of Mines & Technology, 501 East Saint Joseph Street Dept of Civil & Environmental Engineering South Dakota School of Mines and Technology, Rapid City, SD 57701, (605)394-1970, soonkienam@gmail.com

Eastern Branch (1959)

Area: In SOUTH DAKOTA, Counties of Brown, Marshall, Roberts, Day, Spink, Clark, Grant, Codington, Hamlin, Deuel, Beadle, Kingsbury, Brookings, Jerauld, Sanborn, Miner, Lake, Moody, Bon Homme, Yankton, Clay, Union, Aurora, Davison, Hanson, McCook, Minnehaha, Charles Mix, Douglas, Hutchinson, Turner and Lincoln.

Tevis J. Holzer, A.M.ASCE, Branch President, 606 Meadow Creek Dr, Volga, SD 57071, (605) 421-0693, tevis.holzer@daktronics.com; Zachary A. Rothstein, A.M.ASCE, Branch Vice President, DGR Engineering, 2909 E 57th St Ste 101, Sioux Falls, SD 57108-4506, (605)370-0020, (605)339-4175, zachary.rothstein@dgr.com; Zachary D. Gutzmer, A.M.ASCE, Branch Post-President, zachary.gutzmer@sdsstate.edu; Zachary A. Rothstein, A.M.ASCE, Branch President-Elect, DGR Engineering, 2909 E 57th St Ste 101, Sioux Falls, SD 57108-4506, (605)370-0020, (605)339-4175, zachary.rothstein@dgr.com; Francis C. Ting, A.M.ASCE, Branch Secretary-Treasurer, South Dakota State University, 12th Ave & 9th St CEH 210 Box 2219 Department of Civil and Environmental Engineering, Brookings, SD 57707, (605)688-5997, francis.ting@sdsstate.edu

Southern Idaho Section (1947)

Area: All IDAHO, except Counties of Boundary, Bonner, Kootenai, Shoshone, Benewah, Latah, Clearwater, Nez Perce and Lewis; in OREGON, Counties of Baker and Malheur.

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Attendance, Lisa E. Fennewald, P.E., M.ASCE, Chair, Horner & Shifrin Inc, 5200 Oakland Ave, St Louis, MO 63110, (314) 531-4321, (314) 531-6966, lfennewald@hornershifrin.com

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Golf Tournament, Matthew R. Glisson, P.E., M.ASCE, Chair, 1001 Craig Rd Ste 260, Saint Louis, MO 63146-6212, (314)569-9883, mrglisson@hotmail.com

Government and Public Relations, Dennis F. Boll, P.E., P.G., M.ASCE, Chair, 167 Spring Brook Court, Saint Charles, MO 63303, (636) 498-5678, (314) 997-2067, geng05467@gmail.com

Geo-Institute Chapter, Nicholas J. Roth, P.E., M.ASCE, Chair, 413 Eagle Ridge Drive, Saint Peters, MO 63376, (314) 432-8073, (314) 432-5119, murunner@yahoo.com

History & Heritage, Jeffrey L. Fouse, P.E., M.ASCE, Chair, 1216 Moncoeur Dr, Saint Louis, MO 63146, (314) 569-3866, jfouse@reitzjens.com

Membership, Troy L. Turner, P.E., M.ASCE, Chair, 600 Wood Thrush St., Troy, IL 62294, (314) 335-2086, (314)7682734, tturner@stlmsd.com

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Syracuse Section (1923)

Area: In NEW YORK, Counties of St. Lawrence, Jefferson, Lewis, Oswego, Onedia, Madison, Onondaga and Cayuga.

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Tacoma-Olympia Section (1930)

Area: In WASHINGTON, Counties of Grays Harbor, Mason, Pierce, Thurston, Lewis and Pacific.

Katherine A. Hesterberg, P.E., M.ASCE, President, 2312 N 8th St, Tacoma, WA 98403-1068, (253)320-0126, katie.hesterberg@yahoo.com; Mark Rohrbach, P.E., M.ASCE, Past President, 13916 109th AVE CT E, Puyallup, WA 98374, (425) 820-0800, (425) 820-9892, rohrbachma@comcast.net; Donald C. Davis, A.M.ASCE, Treasurer, SITTS & HILL ENGINEERS INC, 4815 Center Street, Tacoma, WA 98409, dondavis@sitts-hill-engineers.com
Younger Members, Heather R. Thurston, P.E., M.ASCE, Chair, 1556 Sunflower Ln Apt 34-301, Tumwater, WA 98512, (231)343-9684, hthurston@gmail.com

Tennessee Section (1988)

Area: In TENNESSEE, Counties of Anderson, Bledsoe, Bradley, Blount, Coffee, Claiborne, Cocke, Cumberland, Campbell, Franklin, Fentress, Grundy, Greene, Grainger, Hamilton, Hancock, Hawkins, Hamblen, Johnson, Jefferson, Knox, Loudon, Monroe, Morgan, Marion, McMinn, Meigs, Polk, Pickett, Roane, Rhea, Sequatchie, Sullivan, Sevier, Scott, Union, Unicoi and Washington.

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Awards, James M. Caskey, P.E., M.ASCE, Chair, 5087 Brian Ridge, Arlington, TN 38002, (901) 737-0275, (901) 309-3373, mcaskey.asce@earthlink.net

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Government Relations, Clyde R. Tant III, P.E., M.ASCE, Contact, Shield Engineering, Inc., 300 Forestal Drive, Knoxville, TN 37918, (865) 688-8015, (865) 544-5885, cantt3@gmail.com

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Chattanooga Branch (1934)

Area: In TENNESSEE, Counties of Franklin, Coffee, Grundy, Marion, Sequatchie, Bledsoe, Rhea, Meigs, Hamilton, Bradley, McMinn and Polk.

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Holston Branch (1947)
Area: In TENNESSEE, Counties of Hancock, Hawkins, Greene, Washington, Unicoi, Carter, Johnson and Sullivan.

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Knoxville Branch (1935)
Area: In TENNESSEE, Counties of Claiborne, Union, Grainger, Hamblen, Jefferson, Cocke, Sevier, Knox, Loudon, Blount, Monroe, Roane, Cumberland, Morgan, Anderson, Pickett, Scott and Fentress.

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Nashville Branch (1921)

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West Tennessee Branch (1928)
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Texas Section (1913)
Area: All TEXAS.

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Austin Branch (1950)
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Brazos Branch (1939)

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Caprock Branch (1996)
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Central Texas Branch (1986)
Area: In TEXAS, Counties of Bell, Bosque, Coryell, Falls, Hamilton, Hill, Limestone and McLennan.
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Corpus Christi Branch (1950)
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Honor/Awards & Nominating, Brian D. Bresler, P.E., M.ASCE, Contact, 3261 Topeka St, Corpus Christi, TX 78404, (361) 866-8958, (361) 561-6501, bdb@freese.com
Membership, Clint Richmond, A.M.ASCE, Contact, 1702 Fm 3036 Apt 3205, Rockport, TX 78382-7840, (941)234-2868, richmond.clint@gmail.com
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Webinar Coordinator, John D. McMullan, P.E., M.ASCE, Contact, 6928 Keystone Dr, Corpus Christi, TX 78413, (361) 850-7882, olly49@hotmail.com
Younger Members, Andres A. Rubio, Contact, a_rubi0@dusty.tamiu.edu

Dallas Branch (1924)
Area: In TEXAS, Counties of Collin, Cooke, Dallas, Denton, Ellis, Kaufman, Navarro and Rockwall.
Kristin D. Green, A.M.ASCE, Branch President, 1302 Andrew Court, Lewisville, TX 75056, (214)729-8733, kristin@verdunity.com; Brad M. Hernandez, P.E., M.ASCE, Branch Vice President, brad@civilassociates.com; Sean P Merrell, P.E., PTOE, M.ASCE, Branch Past-President, Brown and Gay Engineers, Inc., 2595 Dallas Parkway Suite 204, Frisco, TX 75034, (972)464-4834, smerrell@browngay.com; Angela L. Matthews, P.E., M.ASCE, Branch President-Elect, 5304 Coachman Court, Plano, TX 75023, (214) 599-2979, (972)991-0278, angela.lang@gmail.com; Andrew C. Ethichson, P.E., M.ASCE, Branch Secretary, 1308 Homestead St., Flower Mound, TX 75028, (214) 252-1600, acetichson@aol.com; Anuroopa Kancherla, P.E., M.ASCE, Branch Treasurer, 6499 Royallton Drive, Dallas, TX 75230, anu.asce@gmail.com; Todd M. Hyden, A.M.ASCE, Branch Newsletter Editor, 1409 N. Zang Blvd Apt. 131, Dallas, TX 75203, (214)384-1949, (214)739-0095, thyden@halff.com; Phillip A. Alcorn, A.M.ASCE, Branch Webmaster, Jacobs Engineering Group, 7950 Elmbrook Dr, Dallas, TX 75247, (214) 920-8091, phillip.alcorn@jacobs.com
238 SECTIONS AND BRANCHES

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Nominations, Sean P. Merrell, P.E., PTOE, M.ASCE, Chair, Brown and Gay Engineers, Inc., 2595 Dallas Parkway Suite 204, Frisco, TX 75034, (972)464-4834, smerrell@browngay.com

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Younger Members, Fabian A. Herrera, A.M.ASCE, Chair, fherrera@criadoassociates.com

Deep East Texas Branch (1986)
Area: In TEXAS, Counties of Angelina, Houston, Nacogdoches, Polk, Sabine San Augustine, San Jacinto, Shelby and Trinity.

Cleopha Blanton III, Branch President, cleopha_blanton@hotmail.com; Richard M. Graves, P.E., M.ASCE, Branch Director, 113 Winged Foot Drive, Lufkin, TX 75901, (936) 639-1547, rgraves@fs.fed.us

El Paso Branch (1950)
Area: In TEXAS, Counties of Brewster, Culberson, El Paso, Hudspeth, Jeff Davis and Presidio.

Yvonne C. Conde-Curry, M.ASCE, Branch President, Conde Inc, 6080 Surety Drive Suite 100, El Paso, TX 79905, (915) 592-0283, (915) 592-0286, ycurry@condeinc.com; Robert A. Gonzales, P.E., M.ASCE, Branch Past-President, Quantum Engineering Consultants, Inc., 414 Executive Center Blvd Ste 200, El Paso, TX 79902-1015, (915) 532-7272, (915) 532-7373, quantum@qeceng.com; Wendy Arredondo, A.M.ASCE, Branch President-Elect, 7312 Kiowa Creek, El Paso, TX 79911, (915) 566-5915, wbarren@qeceng.com; Roxanna M. Rivera, P.E., M.ASCE, Branch Secretary, Huitt-Zollars, Inc., 5822 Cromo Drive Suite 210, El Paso, TX 79912, (915) 587-4339, (915) 587-5247, rivera@huitt-zollars.com; Marvin H. Gomez, P.E., M.ASCE, Branch Treasurer, Moreno Cardenas Inc., 2505 E. Missouri Ave., El Paso, TX 79903, (915) 532-2091, (915) 542-0307, mgomez@morenocardenas.com; R Shane Brooks, A.M.ASCE, Branch Director, 35 Franco Rd, Vado, NM 88072, (575)233-2313, rshanebrooks@gmail.com; Sergio R. Mendez Jr., A.M.ASCE, Branch Director, 1525 John MacGuire Pl, El Paso, TX 79912, (915)543-8244, smendez2@miners.utep.edu; Christopher J. Nance, P.E., M.ASCE, Branch Webmaster, cjnance@gmail.com; Christopher J. Nance, P.E., M.ASCE, Branch Director, cjnance@gmail.com

Continuing Professional Development, Jose G. Andujo, P.E., M.ASCE, Contact, Parkhill Smith & Cooper Inc, 810 E Yandell, El Paso, TX 79902, (915) 533-6811, (915) 544-2059, jose.gilberto.andujo@gmail.com

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Fort Worth Branch (1938)
ORGANIZATION OF MEMBERSHIP  239

Leah M. Hodge, P.E., M.ASCE, Branch President, Halff Associates, Inc., 4000 Fossil Creek Blvd, Fort Worth, TX 76137, (817) 847-1422, lhodge@halff.com; Samantha W. Clark, P.E., M.ASCE, Branch Vice President, City of Arlington, PO Box 90231, Arlington, TX 76004-3231, (817)459-6592, MANDY.CLRK@ARLINGTONTX.GOV; Devon Tiner, P.E., M.ASCE, Branch Past-President, Airport Development & Engineering, P.O. Box, 612008, DFW Airport, TX 75261, (972) 973-1873, dtiner@dfwairport.com; Travis Attanasi, P.E., M.ASCE, Branch Treasurer, ANA Consultants, 5000 Thompson Ter Ste 100, Colleyville, TX 76034-5898, (817)335-9901, travis.asce@gmail.com; Travis Attanasio, P.E., M.ASCE, Branch Treasurer, ANA Consultants, 5000 Thompson Ter Ste 100, Colleyville, TX 76034-5898, (817)335-9900, travis.asce@gmail.com; Scott F. Berman, P.E., D.WRE, M.ASCE, Branch Director, Freese and Nichols, Inc, 4055 International Plaza Suite 200, Fort Worth, TX 76109, (817) 735-7460, (817) 735-7491, sfb@freese.com; Darrell J. Bosworth, A.M.ASCE, Branch Director, 1250 Wendy Ct, Kennedale, TX 76060-6029, (817) 658-1844, justinb@wierassociates.com; Clinton Hoover, A.M.ASCE, Branch Webmaster, clhoover@terracon.com; Clinton Hoover, A.M.ASCE, Branch Webmaster, clhoover@terracon.com

Engineers In Government, Anthony D. Andrews, P.E., M.ASCE, Chair, 4705 Parkhaven Dr, Garland, TX 75043-7577, (972)240-6768, antandrews@yahoo.com

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Hospitality, Kaitlyn A. Taylor, A.M.ASCE, Chair, Brown and Gay Engineers, 500 W 7th St Ste 1800, Fort Worth, TX 76102-4740, (817)887-6144, ktaylor@browngay.com; Andrew T. Wilson, A.M.ASCE, Contact, 5751 Kroger Dr., Suite 185, Keller, TX 76244, (817) 600-2829, andrew.wilson@pelotonland.com

Meeting Set-Up, Jordan A. Payne, S.M.ASCE, Chair, 1113 Amherst Dr. 1063, Bedford, TX 76021, (903)316-3202, jordanapayne@gmail.com

Membership, Niraj Acharya, P.E., M.ASCE, Chair, nacharya@tnpinc.com

Program, Samantha W. Clark, P.E., M.ASCE, Chair, of Arlington, PO Box 90231, Arlington, TX 76004-3231, (817)459-6592, MANDY.CLRK@ARLINGTONTX.GOV

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Special Meeting Arrangements, Jennifer L. Butcher, P.E., M.ASCE, Chair, 3808 Arborlawn Drive, Fort Worth, TX 76109, (817)886-4740, (817)886-4739, Jennifer@savantgroupinc.com

Younger Member Forum, Kaitlyn A. Taylor, A.M.ASCE, Chair, Brown and Gay Engineers, 500 W 7th St Ste 1800, Fort Worth, TX 76102-4740, (817)887-6144, ktaylor@browngay.com

High Plains Branch (1952)

Eliot L. Fisher, P.E., M.ASCE, Branch President, Xcel Energy, P O Box 1261, Amarillo, TX 79105, (806)378-2345, (806)378-2366, eliot.l.fisher@xcelenergy.com; Rodolfo O. Mireles, A.M.ASCE, Branch Vice President, 5800 N.E. 21st, Amarillo, TX 79107, (806)374-2756, mireles@amarillotesting.com; Clayton A. Scales, P.E., M.ASCE, Branch Vice-President, KSA Engineers Inc, 600 S Tyler St Ste 1403, Amarillo, TX 79101-2353, (806) 335-1600, escalres@ksaeng.com; Michael Krusing, P.E., M.ASCE, Branch Secretary, 3807 S. Aldredge St, Amarillo, TX 79118-7725, (806)376-8700, mkrusing@team-psc.com; Michael Krusing, P.E., M.ASCE, Branch Treasurer, 3807 S Aldredge St, Amarillo, TX 79118-7725, (806)376-8700, mkrusing@team-psc.com; Michael Krusing, P.E., M.ASCE, Branch Newsletter Editor, 3807 S. Aldredge St, Amarillo, TX 79118-7725, (806)376-8700, mkrusing@team-psc.com

Houston Branch (1943)
Area: In TExAS, Counties of Austin, Brazoria, Chambers, Colorado, Ford Bend Galveston, Harris, Jackson, Liberty, Matagorda, Montgomery Waller and Wharton.

Lane M. Lease, P.E., M.ASCE, Branch President, 5629 FM 1960 West Suite 314, Spring, TX 77069, (713)394-5883, lanelease@walterpmoore.com; Brett A. Pope, P.E., M.ASCE, Branch Vice President, bapope@teracon.com; Andres A. Salazar, A.M.ASCE, Branch Vice President, 3847 Paigewood Dr., Pearland, TX 77584, (281) 678-4616, a.salazar@walterpmoore.com; Natalie M. Weiershausen, P.E., M.ASCE, Branch Vice President, 1309 Chambord Ln, Houston, TX 77018-3103, (281) 782-5030, mkrusing@team-psc.com; Paul A. Voiles, P.E., M.ASCE, Branch Past-President, 1450 Lawson St., Houston, TX 77023, (281) 558-8700, (281) 558-9706, pvoiles@browngay.com; Jason P. Ellison, P.E.,
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M.ASCE, Branch President-Elect, 8002 Green Devon, Houston, TX 77095, (281) 855-8988, (281) 558-9706, jellison@brownngay.com; Heather Guillen, P.E., M.ASCE, Branch Secretary, Walter P. Moore and Associates, Inc., 1301 McKinney, Suite 1100, Houston, TX 77010, (713)630-7300, hguillen@walterpmoore.com; Brent Baldwin, M.ASCE, Branch Treasurer, Williams Gas Pipeline, 2800 Post Oak Blvd Level 8, Houston, TX 77056, (713)215-4265, (281) 589-7309, brent.baldwin@williams.com; Carol E. Haddock, P.E., M.ASCE, Branch Director, 1300 Seaspray Court, Houston, TX 77008, (713) 426-0522, (832) 395-2704, carol.haddock@houstontx.gov; Scott A. Marr, A.M.ASCE, Branch Director, 20818 Winlock Trace Drive, Katy, TX 77450, (832) 372-9961, smarr@fugro.com; Deborah A. Meroniuc, P.E., M.ASCE, Branch Newsletter Editor, 5800 Woodway Dr. Apt. 244, Houston, TX 77057, (832)594-4401, debbie0528@yahoo.com; Junious Williams IV, A.M.ASCE, Branch Webmaster, LJA Engineering, Inc., 2929 Briarpark Suite 600, Houston, TX 77042, (713)953-5200 EXT 5059, jwilliams@ljaengineering.com

Northeast Texas Branch (1950)


Joshua W. Barton, A.M.ASCE, Branch President, 18145 County Road 178, Flint, TX 75762, (903)581-7844, jbarton@hwlochner.com; Arun S. Kortikere, P.E., M.ASCE, Branch Vice President, 1505 Meandering Way, Longview, TX 75604-2737, (903) 918-1410, akortikere@gmail.com; Russell W. Gibson, P.E., M.ASCE, Branch Past-President, ETTL Engineers & Consultants, Inc., 707 West Cotton St., Longview, TX 75604, (903) 758-0402, (903) 758-8245, rgibson@ettlin.com; Arthur M. Clendenin, P.E., M.ASCE, Branch Director, 3001 Keystone Drive, Longview, TX 75605, (903) 295-0151, (903) 295-0323, aclendenin@cablelynx.com; Owen Sanderson, A.M.ASCE, Branch Secretary - Treasurer, 4091 Hogan Dr Unit 3314, Tyler, TX 75709-7017, (903) 595-4421, osanderson@ettlin.com; Owen Sanderson, A.M.ASCE, Branch Newsletter Editor, 4091 Hogan Dr Unit 3314, Tyler, TX 75709-7017, (903)5954421, osanderson@ettlin.com

History & Heritage

Arthur M. Clendenin, P.E., M.ASCE, Contact, 3001 Keystone Drive, Longview, TX 75605, (903) 295-0151, (903) 295-0323, aclendenin@cablelynx.com

Honors/Awards Nominations

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Membership

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Professional Development

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Webinar

Vikas K. Verma, P.E., M.ASCE, Contact, Blast Control Systems, 505 Danville Road, Apt. 206, Kilgore, TX 75662, (903) 986-9269, v2aggie2@yahoo.com

Younger Members

Owen Sanderson, A.M.ASCE, Contact, 4091 Hogan Dr Unit 3314, Tyler, TX 75709-7017, (903)5954421, osanderson@ettlin.com

Rio Grande Valley Branch (1987)

Area: In TEXAS, Counties of Starr, Hidalgo, Willacy and Cameron.

Eugene Palacios, P.E., M.ASCE, Branch President, 7404 N 17th St, McAllen, TX 78504-3272, eugene4x@gmail.com; Juan M. Borjon, A.M.ASCE, Branch Past-President, 3626 Prestwick St, Edinburg, TX 78542-4570, juanborjon05@yahoo.com; Marlen Gonzalez, A.M.ASCE, Branch President-Elect, 2925 E. Mile 19, Edinburg, TX 78539, (956)929-2198, marlen.gonzalez12@gmail.com; Simon G. Solorio Jr., P.E., M.ASCE, Branch Secretary, 108 W 18th St, McAllen, TX 78572, (956) 631-1500, simon@solorio.com; Dora E. Marin-Robles, S.M.ASCE, Branch Treasurer, 201 Wilson Ave, Edinburg, TX 78542, (956)702-5355 EXT 1411, dmarin06@yahoo.com; Christina L. Hickey, P.E., M.ASCE, Branch Newsletter Editor, City of McAllen, 1300 W Houston Avenue Engineering Services Dept, McAllen, TX 78501-5002, (972) 989-5686, chickey@mcallen.net

Younger Members

Marlen Gonzalez, A.M.ASCE, Contact, 2925 E. Mile 19, Edinburg, TX 78539, (956)929-2198, marlen.gonzalez12@gmail.com
San Antonio Branch (1949)

Steven A. Gonzales, P.E., D.WRE, M.ASCE, Branch President, 108 Navato Blvd, Hollywood Park, TX 78232-2200, (713)485-8081, sgonzales@ljaengineering.com; Curt G. Campbell, P.E., M.ASCE, Branch Vice President, Westward Environmental, 4 Shooting Club Rd, Boerne, TX 78006-5914, (830) 249-8284, (830) 249-0221, ccampbell@westwardenv.com; Andrew C. Hunt, P.E., M.ASCE, Branch Vice President, Raba Kistner Facilities, Inc., 12821 W. Golden Lane, San Antonio, TX 78249, (210)699-9090, ahunt@rkci.com; John A. Tyler, P.E., M.ASCE, Branch Past-President, Pape Dawson Engineers, Inc., 555 E. Ramsey, San Antonio, TX 78216, (210) 375-9000 EXT 538, jtyler@pape-dawson.com; Geoffrey T. Turner, P.E., M.ASCE, Branch President-Elect, 2639 Pebble Dawn, San Antonio, TX 78232, (210)641-6003, tyandjenn@sbcglobal.net; Deepa Thankavel, P.E., M.ASCE, Branch Secretary, Pape-Dawson Engineers, 555 E. Ramsey, San Antonio, TX 78216, (210) 385-6284, dthankavel@pape-dawson.com; Amy C. Stone, A.M.ASCE, Branch Treasurer, Outlier Engineering, PLLC, 240 Oak Court, New Braunfels, TX 78132, (830)837-0242, astone@outlierengineeringpllc.com; James A. Lutz, P.E., M.ASCE, Branch Director, Pape-Dawson Engineers Inc, 555 E Ramsey, San Antonio, TX 78216, (210) 375-9000, jlutz@pape-dawson.com; Meagan G. Brown, P.E., M.ASCE, Branch Newsletter Editor, 12815 El Sendero St, San Antonio, TX 78233; John A. Tyler, P.E., M.ASCE, Branch Webmaster, Pape Dawson Engineers, Inc., 555 E. Ramsey, San Antonio, TX 78216, (210) 375-9000 EXT 538, jtyler@pape-dawson.com

Awards, Kara J. Heasley, P.E., M.ASCE, Chair, Vickrey & Associates Inc, 12940 Country Parkway, San Antonio, TX 78216, (210) 349-3271 EXT 137, (210) 349-2561, kheasley@vickrey.net

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Membership, Andrew C. Hunt, P.E., M.ASCE, Chair, Raba Kistner Facilities, Inc., 12821 W. Golden Lane, San Antonio, TX 78249, (210)699-9090, ahunt@rkci.com

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Younger Members, Ryan R. Plagens, P.E., M.ASCE, President, 12940 Country Parkway, San Antonio, TX 78216, (210)349-3271, rplagens@vickrey.net

Southeast Branch (1951)
Area: In TEXAS, Counties of Hardin, Jasper, Jefferson, Newton, Orange, and Tyler.

Robert Hickman, P.E., M.ASCE, Branch Director, LEAP Engineering LLC, 905 Orleans St., Beaumont, TX 77701, (409) 813-1862, (409) 813-1916, robert.hickman@leapengineering.com

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West Texas Branch (1952)

Joshua C. Ferguson, A.M.ASCE, Branch President, 2600 W Loop 250 N. Aviare Pl. Apt. 517, Midland, TX 79705, (432)685-7286 EXT 7290, joshua.c.ferguson@gmail.com; Andrew L. Mellen Jr., P.E., M.ASCE, Branch Past-President, amellen@maverickentities.com; Eric Lewis, A.M.ASCE, Branch Treasurer, 5168 Kalenac Ct, Odessa, TX 79762-4785, (806)570-0375, lewis.tacomain@yahoo.com; Andrew L. Mellen Jr., P.E., M.ASCE, Branch Director, amellen@maverickentities.com; Jared A. Squires, A.M.ASCE, Branch Newsletter Editor, Parkhill, Smith & Cooper, Inc., 1700 W. Wall Street Suite 100, Midland, TX 79701, (432)697-1447 EXT 6129, jsquyres@team-psc.com; Jeffrey H. Cohen, P.E., M.ASCE, Branch Webmaster, 3002 Tealwood Pl, Midland, TX 79705-3233, (214)228-9318, (432)685-1786, jcohen@midlandtexas.gov
Thailand Section (1931)
Area: All of Thailand
Piya S. Pongse, P.E., F.ASCE, President, 199/89 K.C. Natural Ville Rom Klao Road 11 Saen Saeb, Min-Buri, Bangkok, 10510 THA, spongsep@gmail.com; Kenneth I. Harman, P.E., F.ASCE, Vice President, 22/575 Baan Suansohon Soi Sirinthep Srinakarin Rd Bangplee, Bangkok Noi, Bangkok 10700 THA, kenneth.harman@gmail.com; Pratim K. Ghose, F.ASCE, Past President, Castle Hill Mansion 10A1 12/20 Ekamai Soi 6 Sukhumvit 63, Bangkok, Bangkok 10110 THA, pratim.ghose@package-cae.com; Franco A. Simonetto, M.ASCE, Secretary, - 93 Sukhumvit 62 Yak 1 Prakanong, Bangkok, 10260 THA, frsmbkk@hotmail.com; Pratim K. Ghose, F.ASCE, Treasurer, Castle Hill Mansion 10A1 12/20 Ekamai Soi 6 Sukhumvit 63, Bangkok, Bangkok 10110 THA, pratim.ghose@package-cae.com

Toledo Section (1922)
Douglas L. Dariano, P.E., M.ASCE, President, 906 Bexley Dr, Perrysburg, OH 43551, (419) 872-7881, (419) 730-7400, ddariano@ci.perrysburg.oh.us; Michael T. Frederickson, Past President, Mannik Smith Group, 1800 Indian Wood Cir, Maumee, OH 43537-4086, (419) 666-6571, (419) 385-5487, MFrederickson@manniksmithgroup.com; Gregory A. Buhoveckey Sr., P.E., M.ASCE, Secretary, gbuhovecke@manniksmithgroup.com; Gregory A. Buhoveckey Sr., P.E., M.ASCE, Treasurer, gbuhovecke@manniksmithgroup.com; Lindsay M. Ziegler, A.M.ASCE, Newsletter Editor, l-ziegler@onu.edu; Lindsay M. Ziegler, A.M.ASCE, Webmaster, l-ziegler@onu.edu
Younger Members, Lindsay M. Ziegler, A.M.ASCE, President, l-ziegler@onu.edu

United Arab Emirates Section (1988)
Area: All United Arab Emirates
Elias B. Sayah, P.E., F.ASCE, President, PO BOX 2337 HAMDAN ST PIZZA HUT BLDG, ABU DHABI, UA 00000 ARE, ebsayah@eim.ae

Utah Section (1916)
Area: All UTAH.
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Geo-Institute Chapter, Ryan T. Cole, P.E., M.ASCE, Chair, Gerhart Cole Incorporated, 668 E 12225 S STE 203, Draper, UT 84020-8385, (801)849-0055, ryan@gerhartcole.com
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Structural Engineering Institute, Conrad Guymon, P.E., M.ASCE, Chair, CKR Engineers, 1295 N State St, Orem, UT 84057-2670, conrad@ckrengineers.com
Younger Member Forum, Dave J. Lehman, A.M.ASCE, Chair, lehman.dave@gmail.com
Central Utah Branch (1982)
Area: In UTAH, Counties of Utah, Wasatch, Duchesne, Uintah, Juab, Sanpete Carbon, Millard, Sevier and Emery.
ORGANIZATION OF MEMBERSHIP

Stanley L. Klemetson, Ph.D., P.E., M.ASCE, Branch President, Utah Valley University, 800 W University Pkwy MS 102, Orem, UT 84058, (801) 368-6476, stanley.klemetson@gmail.com; Katie L. Doyle, P.E., M.ASCE, Branch Past-President, 428 West 1010 North, Orem, UT 84058, (801) 766-6246, (801) 766-3246, alan@taylorgeotech.com; Marshall F. Shore, Aff.M.ASCE, Branch Secretary - Treasurer, 10622 Bermuda St, Cedar Hills, UT 84062, mshore@msn.com

Northern Utah Branch (1980)
Area: In UTAH, Counties of Box Elder, Cache, Morgan, Weber, and Rich.
Craig L. Rasmussen, A.M.ASCE, Branch President, 160 W 100 N, Hyrum, UT 84319, (435) 245-7772, crasmussen@forsgren.com; Jacob S. Dustin, Ph.D., P.E., P.L., S., M.ASCE, Branch Past-President, 352 E Riverside Dr Ste A2, St George, UT 84790-6759, (435) 673-8586, (435) 673-8397, jasonw@racivil.com; Anthony B. Schmid, P.E., S.E., M.ASCE, Branch President-Elect, MeNeil Engrg, 1664 South Dixie Drive, Suite E-102, Saint George, UT 84770, (435) 673-5127, anthony@mcneileng.com; Jon Hanson, Branch Secretary - Treasurer, 1357 East 410 South, Spanish Fork, UT 84660, (801) 794-2877, (801) 886-9123, cjf@jub.com

Southern Utah Branch (1997)
Area: In UTAH, Counties of Beaver, Garfield, Iron, Kane, Piute, San Juan, Washington and Wayne.
Jason L. Ward, P.E., M.ASCE, Branch President, Rosenberg Associates, 352 E Riverside Dr Ste A2, St George, UT 84790-6759, (435) 673-8586, (435) 673-8397, jasonw@racivil.com; Anthony B. Schmid, P.E., S.E., M.ASCE, Branch President-Elect, McNeil Engrg, 1664 South Dixie Drive, Suite E-102, Saint George, UT 84770, (435) 673-5127, anthony@mcneileng.com; Jon Hanson, Branch Secretary - Treasurer, 1357 East 410 South, Spanish Fork, UT 84660, (801) 794-2877, (801) 886-9123, cjf@jub.com

Wasatch Front Branch (1983)
Area: In UTAH, Counties of Salt Lake, Davis Tooele and Summit.
LeeAnn D. Miller, P.E., M.ASCE, Branch President, 2055 Riggs Drive, Sandy, UT 84092, (801) 733-4257, leannda@gmail.com; Paul T. Barney, P.E., M.ASCE, Branch Past-President, phbarney2@hotmail.com; Blake J. Thomas, P.E., M.ASCE, Branch President-Elect, 4117 Juniper Hills Drive, South Jordan, UT 84095, (801) 364-4785, blake.thomas@thomascivil.com; Craig J. Friant, P.E., M.ASCE, Branch Secretary - Treasurer, 1357 East 410 South, Spanish Fork, UT 84660, (801) 794-2877, (801) 886-9123, cjf@jub.com

Vermont Section (1960)
Area: All VERMONT.
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Geo-Institute Chapter, John Stevens, P.E., M.ASCE, Contact, 122 Smith Hill Rd, Northfield, VT 05663, (802) 485-6488, (802) 485-2260, stevens@norwich.edu
Membership, Bernard T. Gagnon, P.E., M.ASCE, Champion, 4 Myers Court, South Burlington, VT 05403, (802) 864-0111, bernard.gagnon@tcevt.com
New England Council, Bernard T. Gagnon, P.E., M.ASCE, Contact, 4 Myers Court, South Burlington, VT 05403, (802) 864-0111, bernard.gagnon@tcevt.com; Adam Sevi, A.M.ASCE, Contact, asevi@norwich.edu
Younger Members, Laura A. Ripley, A.M.ASCE, Chair, 29 Miller Woods Dr, Barre, VT 05641-8657, (802)828-1213, laura.a.ripley@gmail.com

Virginia Section (1922)
Area: All VIRGINIA, except Counties of Fairfax, Arlington and the City of Alexandria.

James R. Wirt, M.ASCE, President, ECS, LLC, 2119 D North Hamilton Street, Richmond, VA 23230, (804)332-5513, rwirt@ecslimited.com; Christina L. Ammens, P.E., M.ASCE, Vice President, Atkins, 11818 Rock Landing Drive Suite 100, Newport News, VA 23606, (757) 561-9031, seastewart@gmail.com; O Christopher Webster, P.E., F.ASCE, Past President, Schnabel Engineering, Inc., 480 Four Seasons Dr, Charlottesville, VA 22901-9009, (434) 975-3200, (434) 975-3233, owebster@schnabel-eng.com; Julia W. Skare, P.E., M.ASCE, Secretary, Draper Aden Associates, 700 Harris Street Ste E, Charlottesville, VA 22903, (434) 295-0700, (434) 295-2105, jskare@daa.com; Joshua J. Tomblin, P.E., M.ASCE, Treasurer, NAVFAC Atlantic, 6506 Hampton Blvd., Norfolk, VA 23508, (757)322-4145, joshua.tomblin@navy.mil; Debra L. Brand, P.E., F.ASCE, Newsletter Editor, Jefferson Laboratory, Facilities Management 628 Hofstader Road Suite 1, Newport News, VA 23606, (757) 269-7684, debrab@jlab.org; Kevin ONeill I, P.E., M.ASCE, Webmaster, 2225 Stuart Ave, Richmond, VA 23220-3423, (407)247-4355, koneill@ch2m.com

Critical Infrastructure, Thomas Fitzgerald, P.E., M.ASCE, President, 2425 Link Road, Lynchburg, VA 24503, (434) 947-1901, tfitzgerald@wileywilson.com

Education, Michael J. Galli, P.E., M.ASCE, President, 4701 Yarrow Ct, Williamsburg, VA 23188, (757) 565-5776, (757) 229-9978, mgalli@ecslimited.com

Ge-Institute Chapter, Roger A. Failmezger, P.E., F.ASCE, Chair, PO Box 83, Morattico, VA 22523-0083, (804) 462-6189, (804) 462-6189, roger@insitusoil.com

Government Relations, Austin L. Clark, P.E., M.ASCE, President, 1203 CAMDEN DR, RICHMOND, VA 23229, (804) 229-9446, alc04@aim.com

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Stormwater Technical Advisory, Donald J. Rissmeyer, P.E., M.ASCE, President, A. Morton Thomas & Associates, 100 Gateway Centre Pkwy Ste 200, North Chesterfield, VA 23235-5174, (804) 276-6231, (804) 276-6233, drissmeyer@amtengineering.com

Blue Ridge Branch (1967)
Area: In VIRGINIA, Counties of Albemarle, Augusta, Greene, Highland, Madison, Nelson, Page, Rockingham and Shenandoah.

Julia W. Skare, P.E., M.ASCE, Branch President, Draper Aden Associates, 700 Harris Street Ste E, Charlottesville, VA 22903, (434) 295-0700, (434) 295-2105, jskare@daa.com; William L. Wunsch, P.E., M.ASCE, Branch Vice President, W.WUENSCH@EPR-CORP.COM; John A. Foraste, P.E., Branch Past-President, 34 Garden Ct., Ruckersville, VA 22968, aforaste@yahoo.com; Benjamin C. Gathright, Branch Secretary, PO Box 187, Batesville, VA 22924, (804) 977-1498, (804) 977-6778; James R. Schnitzhofer, A.M.ASCE, Branch Treasurer, snsitz314@hotmail.com

Bull Run Branch (1969) (inactive)
Area: In VIRGINIA, Counties of Frederick, Clark, Warren, Loudon, Fauquier, Prince William, Stafford, Spotsylvania, Culpepper and Rappahannock.

Lynchburg Branch (1975)
Area: In VIRGINIA, Counties of Amherst, Appomattox, Bedford, Campbell, Charlotte, Halifax, Pittsylvania, Rockbridge, and Cities of Bedford, Danville, Lynchburg and South Boston.

Matthew C. Pillow, A.M.ASCE, Branch President, Wiley/Wilson, 127 Nationwide Dr, Lynchburg, VA 24502, (434) 944-2327, (434) 947-1659, mpillow@wileywilson.com; Gary K. Thompson Jr., P.E., M.ASCE, Branch Vice President, Wiley / Wilson, 127 Nationwide Dr., Lynchburg, VA 24502, (434) 947-1901, (434) 947-1659, kthompson@wileywilson.com; James S. Talian, P.E., M.ASCE, Branch Treasurer, 2609 Hurdle Hill Road, Lynchburg, VA 24503, (434) 384-2996, (434) 845-7353, james.talian@lynchburgva.gov; Earl T. Hammock Jr., P.E., M.ASCE, Branch Secretary, Wiley Wilson, 127 Nationwide Drive, Lynchburg, VA 24502, (434)947-1632, (434)947-1632, thammock@wileywilson.com; Kelly D. Cole, P.E., M.ASCE, Branch Treasurer, 127 Nationwide Dr, Lynchburg,
ORGANIZATION OF MEMBERSHIP

VA 24502, (434) 947-1901, kcole@wileywilson.com; Nathaniel K. Tennant, A.M.ASCE, Branch Webmaster, 127 Nationwide Drive, Lynchburg, VA 24502, (434)455-3249, ktennant@wileywilson.com

Norfolk Branch (1955)
Area: In VIRGINIA, Counties of Accomack, Greensville, Isle of Wight, Nansemond Northampton, Southampton, Surry, Sussex, and the Cities of Norfolk, Virginia Beach, Chesapeake and Portsmouth.

Allen P. Townsend, A.M.ASCE, Branch President, 250 West York Street Apt. 4106, Norfolk, VA 23510, (803)446-4833, (757) 327-2313, cj.lindemann@geronline.com; Joshua J. Tomblin, P.E., M.ASCE, Branch Past-President, NAVFAC Atlantic, 6506 Hampton Blvd., Norfolk, VA 23508, (757)322-4145, joshua.tomblin@navy.mil; Ashley A. Marcott, A.M.ASCE, Branch Secretary, 3501 Francis land Ct Apt 102, Virginia Beach, VA 23452, (757)213-8607, marco064@umn.edu; Joshua J. Tomblin, P.E., M.ASCE, Branch Treasurer, NAVFAC Atlantic, 6506 Hampton Blvd., Norfolk, VA 23508, (757)322-4145, joshua.tomblin@navy.mil

Peninsula Branch (1956)
Area: In VIRGINIA, Counties of Gloucester, Hampton, James City, Lancaster, Matthews, Middlesex, Northumberland and York; and City of Newport News.

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Younger Members, Kristin M. Kaszyca, A.M.ASCE, Chair, PBS & J, 11818 Rock Landing Drive Ste 100, Newport News, VA 23606, (757) 596-8650, (757) 596-8660, kmkaszyca@pbsj.com

Richmond Branch (1955)
Area: In VIRGINIA, Counties of Amelia, Brunswick, Buckingham, Charles City, Chesterfield, Cumberland, Dinwiddie, Fluvanna, Goochland, Hanover, Henrico, King William, King & Queen, Essex, King George, Caroline, Westmoreland, Louisa, Lunenberg, Mecklenburg, New Kent, Nottoway, Orange, Powhatan, Prince Edward, Prince George and City of Richmond.

Austin L. Clark, P.E., M.ASCE, Branch President, 1203 CAMDEN DR, RICHMOND, VA 23229, (804) 229-9446, alc04@aim.com; Caleb Lange, A.M.ASCE, Branch Vice President, Froehling & Robertson, Inc, 3015 Dumbarton Rd, Richmond, VA 23228-5831, (804)591-2729, clange@fanrdr.com; Amy Bird, P.E., M.ASCE, Branch Past-President, 4180 Innslake Dr., Glen Allen, VA 23060, (804) 290-7928, abird@dewberry.com; Brooke E. Young, A.M.ASCE, Branch President-Elect, 6926 Vanderbilt Ave, Richmond, VA 23226-3537, (804)672-4726, (804)673-3980, brooke.young@kimley-horn.com; Shannon Kerrigan, A.M.ASCE, Branch Secretary - Treasurer, AMT Engineering, 100 Gateway Centre Parkway, Richmond, VA 23235, (804)276-6233 EXT 2238, skerrigan@amteengineering.com; Melanie R. Leckey, A.M.ASCE, Branch Newsletter Editor, Dewberry, 4180 Innslake Drive, Glen Allen, VA 23060, (540) 207-1891, mleckey@dewberry.com; Kevin ONeill I, P.E., M.ASCE, Branch Webmaster, 2225 Stuart Ave, Richmond, VA 23220-3423, (407)247-4355, koneill@ch2m.com

Education Outreach, Ashley Johnson, A.M.ASCE, Chair, 1206 Stanhope Ave, Richmond, VA 23227, (703)268-1270, ashleywjohnson22@gmail.com

Membership, Jonathan H. Oliver, A.M.ASCE, Champion, Kimley-Horn and Associates, Inc., 1700 Willow Lawn Dr. Ste. 200, Richmond, VA 23230, (770) 843-2872, jonathan.oliver@kimley-horn.com

Younger Members, Justin L. Watson, A.M.ASCE, Chair, 1825 East Marshall Street Apartment 429, Richmond, VA 23223, (804)432-4437, justwatson@gmail.com

Roanoke Branch (1955)
Ben W. Silcox, A.M.ASCE, Branch President, PO Box 723, Troutville, VA 24175-0723, (540)344-7939, (540)344-3657, bsilcox@fandr.com; Ryan P. Kincer, P.E., M.ASCE, Branch Vice President, Mattern & Craig, Inc., 701 First Street, S.W., Roanoke, VA 24016, (540)345-9342, rpkincer@matternandcraig.com; Alexander B. Robinson, A.M.ASCE, Branch Secretary, Froehling & Robertson, Inc., 1734 Seibel Drive, N.E., Roanoke, VA 24012, arobinson@fandr.com; Steven M. Schad, P.E., M.ASCE, Branch Webmaster, AECOM, 1315 Franklin Road, Roanoke, VA 24016, Steve.Schad@aecom.com

West Virginia Section (1937)

Area: All WEST VIRGINIA.

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Auditing, David J. Tabor, P.E., M.ASCE, Chair, 83 REDBERRY DR, HURRICANE, WV 25526, (304) 757-5598, david@wvahi.com

Awards, Shelley Watkins Porter, P.E., M.ASCE, Co-Chair, 115 Sun Valley Estates, Scott Depot, WV 25560, (304)521-4938, sdw10s@hotmail.com; Wael A. Zatar, M.ASCE, Co-Chair, Marshall University, 1 John Marshall Drive, Marshall University, WV 25755, (304) 696-6043, (304) 696-5454, zatar@marshall.edu

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History & Heritage, Carol A. Stevens, P.E., F.ASCE, Chair, CAS STRUCTURAL ENGINEERING INC, P.O. Box 469 57 Cala Lane, Alum Creek, WV 25003, (304)756-2564, (304) 756-2565, calalane@aol.com

Membership, Nikki L. Fint, P.E., M.ASCE, Chair, FOX Engineering, PLLC, 101 North Court Street, Ripley, WV 25271, (304) 372-3705, (304) 372-4100, nfint@foxengineering.net

Outreach, Melissa C. Thompson, P.E., M.ASCE, Chair, 1346 Morningside Drive, Charleston, WV 25314, (304) 734-6691, mthompson@bridgemont.edu

Younger Members, Kayla A. Medina, A.M.ASCE, President, 5400 Big Tyler Rd Apt 5302, Charleston, WV 25313, (304) 657-6342, kayla.ann.medina@gmail.com

Charleston Branch (1963)

Area: In WEST VIRGINIA, Counties of Boone, Clay, Jackson, Kanawha, Morgan and Putnam.

Younger Members, Kayla A. Medina, A.M.ASCE, President, 5400 Big Tyler Rd Apt 5302, Charleston, WV 25313, (304) 657-6342, kayla.ann.medina@gmail.com; Shelley Watkins Porter, P.E., M.ASCE, Vice President, 115 Sun Valley Estates, Scott Depot, WV 25560, (304) 521-4938, sdw10s@hotmail.com; Amanda B. McClellan, A.M.ASCE, Secretary, 131 Burholder St, Oak Hill, WV 25901, (304) 734-6672, amcclellan@bridgemont.edu; Brandon E. Huffman, A.M.ASCE, Treasurer, PO Box 2283, Bluefield, WV 24701-0467, (304) 809-0615, b3huffman@gmail.com

Eastern Panhandle Branch (1999)

Area: In WEST VIRGINIA, Counties of Jefferson, Berkeley and Morgan.

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ORGANIZATION OF MEMBERSHIP

Huntington Branch (1985)
Area: In WEST VIRGINIA, Counties of Cabell, Wayne, Lincoln, Mingo and Logan.
Andrew P. Nichols, A.M.ASCE, Branch President, Marshall University, CITE One John Marshall Drive, Huntington, WV 25755, (304) 696-3203, andrew.nichols@marshall.edu; David F. Meadows, P.E., P.L.S., M.ASCE, Branch Treasurer, 3014 Laurel Ridge Road, Culloden, WV 25510, (304)755-0721, (304)755-1880, dfmeadows@gmail.com

Northern Branch (1963)
Area: In WEST VIRGINIA, Counties of Monongalia, Preston, Marion, Taylor, Harrison, Wetzel, Lewis and Barbour.
Zachary Demarco, A.M.ASCE, Branch President, Stanatec, 111 Elkins St., Fairmont, WV 26554, (304)367-9401, (304)367-9403, zach.demarco@stantec.com; Lacy D. Moody, M.ASCE, Branch Past-President, Stanatec, 1 Moore Avenue, Buckhannon, WV 26201, (304)472-7140, Lacy.moody@stantec.com; Tia M. Como, Branch Treasurer, 1446 Fleming Ave, Mckees Rocks, PA 15136, (412) 331-5361

Wisconsin Section (1923)
Area: All WISCONSIN, except Counties of Douglass, Bayfield, Ashland, Washburn and Burnett.
Jon H. Lindert, P.E., M.ASCE, President, Strand Associates, 910 W Wingra Dr, Madison, WI 53715, (608) 251-4843, (608) 251-8655, jon.lindert@strand.com; Mark S. Meyers, Ph.D., P.E., M.ASCE, President-elect, 590 Pyrite Road, Platteville, WI 53818, (608) 348-2874, (608) 342-1566, meyersm@uwplatt.edu; Mark S. Meyers, Ph.D., P.E., M.ASCE, President, 590 Pyrite Road, Platteville, WI 53818, (608) 348-2874, (608) 342-1566, meyersm@uwplatt.edu; Dan W. Borchardt, P.E., M.ASCE, Vice President, 2265 Meadowood Dr., Kronenwetter, WI 54455, (608) 642-0713, danborchardt83@gmail.com; Julie L. Hoppe, P.E., M.ASCE, Secretary, 1446N10284 Raintree Dr, Germantown, WI 53022-5331, julie.hoppe@meadhunt.com; Peter W. Nilles, P.E., M.ASCE, Secretary, W144N10284 Raintree Dr, Germantown, WI 53022-5331, pmbnilles@gmail.com; Laura A. Gerold, P.E., M.ASCE, Treasurer, Northeast Wisconsin Technical College, Northeast Wisconsin Technical College P O Box 19042 2740 West Mason Street, Green Bay, WI 54307-9042, (920)498-5437, laura.gerold@nwtc.edu; Dan W. Borchardt, P.E., M.ASCE, Newsletter Editor, 2265 Meadowood Dr., Kronenwetter, WI 54455, (608) 642-0713, danborchardt83@gmail.com; Martin J. Hanson, P.E., M.ASCE, Webmaster, Ayres Associates, 3433 Oakwood Hills Pkwy, Eau Claire, WI 54701, (715) 834-3161, (715) 831-7500, HansonM@AyresAssociates.com; Annual Meeting, William W. Wuellner, P.E., M.ASCE, Chair, 6321 Putnam Rd, Madison, WI 53711, (608) 274-7156, (608) 288-7887, bwuellner@ccgcinc.net; Awards, Larry W. Ryan, P.E., M.ASCE, Chair, lw_ryan@msn.com; Budget and Finance, Carl C. Sutter, P.E., M.ASCE, Chair, McMahon Assocs Inc, 1445 McMahon Dr, Neenah, WI 54957, (920) 751-4200, csutter@mcmgrp.com; Construction, Brian M. Udovich, P.E., M.ASCE, Chair, 1551 N Waterville Rd, Oconomowoc, WI 53066, (262) 951-8043, (920) 674-7446, brianu@jeffersoncountywi.gov; Diversity, Terese M. Dressel, P.E., M.ASCE, Chair, 2476 South 80th St, West Allis, WI 53219, (414) 543-3299, (414) 297-6711, dressel@matc.edu; EWRI Chapter, Laura A. Gerold, P.E., M.ASCE, Chair, Northeast Wisconsin Technical College, Northeast Wisconsin Technical College P O Box 19042 2740 West Mason Street, Green Bay, WI 54307-9042, (920)498-5437, laura.gerold@nwtc.edu; Geo-Institute Chapter, Mark S. Meyers, Ph.D., P.E., M.ASCE, Chair, 590 Pyrite Road, Platteville, WI 53818, (608) 348-2874, (608) 342-1566, meyersm@uwplatt.edu; History and Heritage, Kathleen M. Thunes, P.E., M.ASCE, Chair, 2392 Trumpeter Swan Ln, Menasha, WI 54952, (920) 734-3489; Jury of Judges, Julie L. Hoppe, P.E., F.ASCE, Chair, Mead & Hunt, 10700 W. Research Dr. Suite 155, Milwaukee, WI 53226, (262) 790-0232, julie.hoppe@meadhunt.com; Management, Harold J. Farchmin, P.E., F.ASCE, Chair, 12515 Zinke Drive, Brookfield, WI 53005, (262) 784-3022, (414) 771-4490, hfarchmin@earthlink.net; Membership, Jennifer L. Schaff, P.E., M.ASCE, Chair, MCMAHON INC, 1445 McMahon Dr PO Box 1025, Neenah, WI 54956, (920) 751-4200, (920) 751-4284, jschaff@mcmgrp.com; Nominations, Julie L. Hoppe, P.E., F.ASCE, Chair, Mead & Hunt, 10700 W. Research Dr. Suite 155, Milwaukee, WI 53226, (262) 790-0232, julie.hoppe@meadhunt.com; Past President Council, Brian M. Udovich, P.E., M.ASCE, Chair, 1551 N Waterville Rd, Oconomowoc, WI 53066, (262) 951-8043, (920) 674-7446, brianu@jeffersoncountywi.gov.
Fox River Valley Branch (1965)
Area: In WISCONSIN, Counties of Brown, Calumet, Door, Florence, Fon Du Lac Forest, Kewaunee, Langlade, Manitowoc, Marinette, Menominee, Outagamie, Shawano, Sheboygan, Waupaca, Winnebago, Green, Lake, Marquette and Waushara.
Andrew K. Schultz, P.E., M.ASCE, Branch President, GRAEF, 1150 Springhurst Dr Ste 201, Green Bay, WI 54304, (507) 273-8598, (920) 592-9445, andrew.schultz@graef-usa.com; Matthew T. Korb, P.E., S.E., M.ASCE, Branch Vice President, 2423 Browning Rd, Green Bay, WI 54302-4436, (920) 468-0912, (920) 468-3168, mtking@hotmail.com; Scott G. Isaacs, A.M.ASCE, Branch Past-President, City of Sheboygan - DPW, 2026 New Jersey Avenue, Sheboygan, WI 53081, (920)4593368, scott.isaacs@sheboyganwi.gov; Dawn A. Rossmiller, P.E., M.ASCE, Branch Secretary, 2238 Samantha St, De Pere, WI 54115, (920)632-4086, (920)766-0670, drossmiller75@gmail.com; Dawn A. Rossmiller, P.E., M.ASCE, Branch Treasurer, 2238 Samantha St, De Pere, WI 54115, (920)632-4086, (920)766-0670, drossmiller75@gmail.com; Ryan E. Betker, P.E., M.ASCE, Branch Director, 1544 Kingswood Drive, Neenah, WI 54956, (920)486-1568, ryan.betker@omn.com; Peter E. Bielen, P.E., M.ASCE, Branch Director, Rice Engineering, 105 School Creek Trail, Luxemburg, WI 54217, (920) 845-1042, (920) 845-1048, peterbielen@rice-inc.com; Andrew K. Schultz, P.E., M.ASCE, Branch Newsletter Editor, GRAEF, 1150 Springhurst Dr Ste 201, Green Bay, WI 54304, (507) 273-8598, (920) 592-9445, andrew.schultz@graef-usa.com; Keith D. Process, P.E., M.ASCE, Branch Webmaster, Mead & Hunt Inc, 1345 North Rd Ste B, Green Bay, WI 54313-5723, (920)593-6848, keith.process@meadhunt.com
Younger Members, Ryan E. Betker, P.E., M.ASCE, President, 1544 Kingswood Drive, Neenah, WI 54956, (920)486-1568, ryan.betker@omn.com

Northwest Branch (1974)
Jessica L. Felix, P.E., M.ASCE, Branch President, felix.jessica@att.net; William A. Kratt, P.E., M.ASCE, Branch Past-President, & Group Inc, 201 Main St Suite 710, La Crosse, WI 54601, (608)789-2034, will.kratt@is-grp.com; Teresa Davis, A.M.ASCE, Branch President-Elect, 20803 570th Ave, Elmwood, WI 54740-8311, (651) 468-2070, (651) 298-1931, brunnete.80@gmail.com; Michael T. Binsfeld, A.M.ASCE, Branch Director, 1926 Nakomis Ave., La Crosse, WI 54603, (765) 426-1721, mike.binsfeld@gmail.com; Michael A. Davis, P.E., M.ASCE, Branch Director, 808 Carmichael Road #340, Hudson, WI 54016, (715)307-8240, mike.davis@ptcinc.com; Kristopher B. Roppe, A.M.ASCE, Branch Director, 43607 County 24, Mabel, MN 55954, (507)951-1407, kristopher@roppe.net; Andrew J. Walters, P.E., M.ASCE, Branch Director, 46005 River Hills Road, Wausau, WI 54403, (715)675-1891, awalters@amengtest.com; William A. Kratt, P.E., M.ASCE, Branch Secretary - Treasurer, 1 & S Group Inc, 201 Main St Suite 710, La Crosse, WI 54601, (608)789-2034, will.kratt@is-grp.com
Younger Members, William A. Kratt, P.E., M.ASCE, President, 1 & S Group Inc, 201 Main St Suite 710, La Crosse, WI 54601, (608)789-2034, will.kratt@is-grp.com

Southeast Branch (1977)
Area: In WISCONSIN, Counties of Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington and Waukesha.
Bridget M. Schuh, P.E., M.ASCE, Branch President, 590 Pewaukee Rd Unit F, Pewaukee, WI 53072-6555, (920) 242-2252, bma_schuh@hotmail.com; Robert W. Martin Jr., P.E., M.ASCE, Branch Past-President, 1345 Mamerow Ln W, Oconomowoc, WI 53066, (763) 413-7246, (414) 454-8732,
robert.martin18@ch2m.com; Jeremy L. Hinds, P.E., M.ASCE, Branch President-Elect, jhinds@bloomcos.com; Nicholas J. Spitzer, A.M.ASCE, Branch Secretary, HNTB, 11414 West Park Place Ste 300, Milwaukee, WI 53224, (262) 548-6724, nspitzer@hntb.com; Ryan H. English, A.M.ASCE, Branch Treasurer, 1626 W. Fond du Lac Ave, Milwaukee, WI 53205, (414)933-744 EXT 26, ryan.english@gestrainc.com; Michael J. Arnold, P.E., M.ASCE, Branch Director, 6033 W Edgerton Avenue, Greendale, WI 53129, (414)559-9885, mjarndjmd@uwalumni.com; Brian L. Tierney, P.E., M.ASCE, Branch Director, Applied Technologies, Inc., 16815 W Wisconsin Ave, Brookfield, WI 53005-5714, (262) 269-6167, (262) 784-6847, btierney@hotmail.com; Jared F. Wendt, P.E., M.ASCE, Branch Director, 8096 N 51st St, Brown Deer, WI 53223-3620, (414) 313-7339, (414) 454-8712, jared.wendt@ch2m.com; Ryan H. English, A.M.ASCE, Branch Treasurer, 1626 W. Fond du Lac Ave, Milwaukee, WI 53205, (414)278-9200, btierney@hotmail.com; Bridget M. Schuh, P.E., M.ASCE, Branch Webmaster, 590 Pewaukee Rd Unit F, Pewaukee, WI 53072-6655, (920) 242-2252, bma_schuh@hotmail.com

Budget & Finance, Alan T. Rentmeester, P.E., M.ASCE, Chair, Spire Engineers Inc, 130 W Bruce St

Education, Joseph M. Packhem, A.M.ASCE, Chair, joe.packhem@gmail.com

Membership, Michael J. Arnold, P.E., M.ASCE, Contact, 6033 W Edgerton Avenue, Greendale, WI 53129, (414)559-9885, mjarndjmd@uwalumni.com

Programs and Meeting Schedule, Joseph A. Barritt, A.M.ASCE, Chair, American Transmission Company, LLC, W234 N20000 Ridgeview Parkway Ct., Waukesha, WI 53188, (608) 436-4200, jbarritt@atcllc.com

Scholarship, Hani H. Titi, P.E., M.ASCE, Chair, University of Wisconsin - Milwaukee, Civil Engineering & Mechanics P.O. Box 784, Milwaukee, WI 53201, (414) 229-6893, (414) 229-6958, hanititi@uwm.edu; Jared F. Wendt, P.E., M.ASCE, Contact, 8096 N 51st St, Brown Deer, WI 53223-3620, (414) 313-7339, (414) 454-8712, jared.wendt@ch2m.com

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Younger Members, Brad Seubert, Aff.M.ASCE, President, 2332 N 65th Street, Wauwatosa, WI 53213, brad.seubert@hecl.com

Southwest Branch (1961)

Area: In WISCONSIN, Counties of Columbia, Dane, Dodge, Green, Iowa, Jefferson, Lafayette, Rock, Sauk, Vernon, Grant, Crawford and Richland.

Amanda G. Stone, P.E., M.ASCE, Branch President, W.F. Baird and Associated Ltd., 2981 Yarmouth Greenway, Madison, WI 53711, (608) 273-0592, (608) 273-2010, astone@baird.com; Larry W. Ryan, P.E., M.ASCE, Branch Past-President, 5622 Irongate Drive, Madison, WI 53716, lw_ryan@msn.com; Richard W. Stoor, P.E., M.ASCE, Branch President-Elect, ricstoor@gmail.com; Daniel J. Schrum, A.M.ASCE, Branch Secretary, 8808 White Coral Way, Middleton, WI 53562, (920) 251-6776, djschrum@hotmail.com; Jacquesyn E. Gast, A.M.ASCE, Branch Treasurer, Leggette, Brashears & Graham, Inc, 6409 Odana Rd, Suite 11, Madison, WI 53719, (608)514-6821, (608)441-5545, jacquelin.gast@gmail.com; Justin R. Bielskemper, P.E., M.ASCE, Branch Director, Strand Associates, 910 W. Wingra Dr., Madison, WI 53715, (608) 251-4843, (608) 251-8635, justin.bielskemper@strand.com; Mark S. Meyers, Ph.D., P.E., M.ASCE, Branch Director, University of Wisconsin Platteville, 1 University Plz Dr, Matthew Roberts/Diane Hardyman, Platteville, WI 53818-3001, (608) 348-2874, (608) 342-1566, meyersm@uwplatt.edu; Brett M. Offeldahl, P.E., M.ASCE, Branch Director, 2865 Interlaken Pass, Madison, WI 53719, (608)848-6165, b_offeldahl@yahoo.com; Laura Rozumalski, P.E., M.ASCE, Branch Newsletter Editor, Baird & Associates, 2981 Yarmouth Greenway Dr, Madison, WI 53711, (608)273-0592, lrozumalski@uwalumni.com; Theresa M. Possley Nelson, P.E., M.ASCE, Branch Webmaster, Wisconsin DNR, 101 S Webster St. WY/3 PO Box 7921, Madison, WI 53707-7921, (608)266-7037, theresa.nelson@wisconsin.gov

Arrangements, Francesca Ferrero, A.M.ASCE, Chair, 26 N. Hancock St., Madison, WI 53703, (917) 282-8866, francescaferrero2011@u.northwestern.edu

EWB-USA, Mark S. Meyers, Ph.D., P.E., M.ASCE, Contact, 590 Pyrite Road, Platteville, WI 53818, (608) 348-2874, (608) 342-1566, meyersm@uwplatt.edu; Larry W. Ryan, P.E., M.ASCE, Contact, 5622 Irongate Drive, Madison, WI 53716, lw_ryan@msn.com; Amanda G. Stone, P.E., M.ASCE, Contact, W.F. Baird and Associated Ltd., 2981 Yarmouth Greenway, Madison, WI 53711, (608) 273-0592, (608) 273-2010, astone@baird.com
Membership, William W. Wuellner, P.E., M.ASCE, Champion, 6321 Putnam Rd, Madison, WI 53711, (608) 274-7156, (608) 288-7887, bwuellner@gcginc.net

Outreach & Community Service, Elisa C. Becker, A.M.ASCE, Chair, 717 Pickford St Apt 1, Madison, WI 53711, (608) 469-2730, elisa.c.becker@gmail.com

Program, Francesca Ferrero, A.M.ASCE, Chair, 26 N. Hancock St., Madison, WI 53703, (917) 282-8866, francescaferrero2011@u.northwestern.edu

Scholarships, Justin R. Bilskemper, P.E., M.ASCE, Chair, Strand Associates, 910 W. Wingra Dr., Madison, WI 53715, (608) 251-4843, (608) 251-8655, justin.bilskemper@strand.com

Younger Members, Terry G. Armstrong Jr., A.M.ASCE, Co-Chair, 455 Jean Street 1, Madison, WI 53703, (608)240-9933 EXT 2259, (608)240-1579, terry.armstrong.jr@gmail.com; Ann C. Thielmann, A.M.ASCE, Co-Chair, 530 Orchard Drive, Madison, WI 53711, (608) 445-8248, acthielmann@gmail.com

Wyoming Section (1938)

Area: All WYOMING.

Samuel A. Hartpence, A.M.ASCE, President, shartpence@trihydro.com; Gregory E. Meinecke, P.E., P.L.S., M.ASCE, President-elect, Park County, WY, 1131 11th St, Cody, WY 82414-3536, (307)527-5624, (307)527-8526, gmeinecke@parkcounty.us; Gregory E. Meinecke, P.E., P.L.S., M.ASCE, Vice President, Park County, WY, 1131 11th St, Cody, WY 82414-3536, (307)527-5624, (307)527-8526, gmeinecke@parkcounty.us; Christina D. Willhelm, P.E., M.ASCE, Past President, City of Riverton, 816 N Federal Blvd, Riverton, WY 82501-2913, (307) 856-3687, (307) 856-6738, dwillohlem@rivertonwy.gov; Aaron Seehafer, P.E., M.ASCE, Secretary, PO Box 642, Pinedale, WY 82941-0642, (307)367-3260, annseehafer@wyoming.com; Heather M. Christensen, P.E., M.ASCE, Treasurer, 2401 Davidson Ave, Cody, WY 82414, (307)272-6920, wemadetnt@tctwest.net; Samuel A. Hartpence, A.M.ASCE, Newsletter Editor, shartpence@trihydro.com; Samuel A. Hartpence, A.M.ASCE, Webmaster, shartpence@trihydro.com
ADVANCING THE PROFESSION

ASCE’s programs to advance the civil engineering profession are listed on the following pages. These activities fall under the oversight of the Committee on Advancing the Profession, a standing Society committee. To meet its charge of advancing the civil engineering profession and the professional practice of civil engineers, the Committee on Advancing the Profession includes constituent and Strategic Initiative committees. For information about the work of these groups, contact the staff below:

**Committee on Advancing the Profession**
Alicia Karwoski, P.E., CAE, M.ASCE 703-295-6324

**Architectural Engineering Exam Committee**
Kelly Dooley, E.I.T., A.M.ASCE 703-295-6469
See the Architectural Engineering Institute committee pages

**Committee on Diversity and Inclusion**
Constance Thompson, CCDP 703-295-6405

**Committee on Ethical Practice**
Becky Waldrup, P.E., M.ASCE 703-295-6281

**Committee on Leadership and Management**
Kelly Dooley, E.I.T., A.M.ASCE 703-295-6469

**Committee on Licensure**
Becky Waldrup, P.E., M.ASCE 703-295-6281

**Committee on Sustainability (Strategic Initiative committee)**
Mike Sanio, CAE, M.ASCE 703-295-6116
Envision Committee
Formal Engineering Education Committee
International Sustainable Infrastructure Conference
Planning Committee
Strategic Communications Committee
Sustainable Infrastructure Certification Committee
Sustainable Infrastructure Education Committee
Sustainable Infrastructure Project Rating System Standard Committee

**History and Heritage Committee**
Carol Reese, Aff.M.ASCE 703-295-6240

**Journal of Management in Engineering Editorial Board**
Kelly Dooley, E.I.T., A.M.ASCE 703-295-6469

**Public Agency Peer Review Committee**
Becky Waldrup, P.E., M.ASCE 703-295-6281

**Raise the Bar Committee (Strategic Initiative committee)**
Mark Killgore, P.E., D.WRE, M.ASCE 703-295-6263
Licensure Policy Committee
Equivalent 30 Credits Task Committee

**Leadership Development**
Alicia Karwoski, P.E., CAE, M.ASCE 703-295-6324

**Order of the Engineer**
Becky Waldrup, P.E., M.ASCE 703-295-6281
**COMMITTEE ON ADVANCING THE PROFESSION**

**CHARGE:** The Committee on Advancing the Profession shall advance the civil engineering profession and the professional practice of civil engineers.

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>ASCE Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renee M. Schwecke, P.E., M.ASCE</td>
<td>Chair</td>
<td>D. Michael Mucha, P.E., M.ASCE</td>
</tr>
<tr>
<td>Karen C. Armfield, P.E., M.ASCE</td>
<td></td>
<td>Bruce E. Podwal, P.E., F.ASCE</td>
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<tr>
<td>Robert M. D’Onofrio, P.E., M.ASCE</td>
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<td>Bobbie Shields, P.E., M.ASCE</td>
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<tr>
<td>Stacy J. Frost, P.E., M.ASCE</td>
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<td>Lauren J. Swett, P.E., M.ASCE</td>
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<tr>
<td>Blaine D. Leonard, P.E., D.GE, Pres.10.ASCE</td>
<td></td>
<td>Alicia C. Karwoski, P.E., CAE, M.ASCE,</td>
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<tr>
<td>Kenneth B. Morris, P.E., PTOE, M.ASCE</td>
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**Committee on Diversity and Inclusion**

**CHARGE:** The Committee on Diversity and Inclusion shall provide leadership for diversity and inclusion as the standard for ASCE and the engineering community through its programs, products and services.

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>ASCE Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kim P. Brown, P.E., M.ASCE, Chair</td>
<td></td>
<td>Athena M. Hutchins, P.E., M.ASCE</td>
</tr>
<tr>
<td>Celia D. Earle, Ph.D., A.M.ASCE</td>
<td></td>
<td>Karen A. Sweeney, Aff.M.ASCE</td>
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<tr>
<td>Robert N. Evans, P.E., F.ASCE</td>
<td></td>
<td>Melissa S. Wheeler, A.M.ASCE</td>
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<tr>
<td>Jimmy A. Galvez, P.E., M.ASCE</td>
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<td>Constance V. Thompson, CDP, A.M.ASCE,</td>
</tr>
<tr>
<td>Theresa E. Harrison, P.E., M.ASCE</td>
<td></td>
<td>ASCE Staff Contact</td>
</tr>
</tbody>
</table>

**Committee on Ethical Practice**

**CHARGE:** The Committee on Ethical Practice shall review and develop policies, procedures, and programs to promote personal ethical conduct and professional ethical practices within the global civil engineering and construction industries to uphold and enhance the honor, integrity, and dignity of the profession.

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>ASCE Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>David J. Prusak, P.E., M.ASCE, Vice-Chair</td>
<td></td>
<td>Max L. Porter, Ph.D., P.E., F.S, Dist.M.ASCE</td>
</tr>
<tr>
<td>Jorge Diaz-Padilla, Ph.D., P.E., M.ASCE</td>
<td></td>
<td>F.EWRI, F.ASCE</td>
</tr>
<tr>
<td>Benjamin J. Groeneweg, P.E., M.ASCE</td>
<td></td>
<td>Rebecca Waldrup, P.E., M.ASCE, ASCE Staff Contact</td>
</tr>
</tbody>
</table>

**Committee on Leadership and Management**

**CHARGE:** The Committee on Leadership and Management shall promote the development of, increase the expertise of, and recognize civil engineers as leaders and managers.

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>ASCE Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay A. Forister, P.E., M.ASCE, Chair</td>
<td></td>
<td>Mokkarala V. Prakash, P.E., M.ASCE</td>
</tr>
<tr>
<td>Christina M. Cazares, A.M.ASCE, Vice-Chair</td>
<td></td>
<td>Joshua J. Shippy, P.E., M.ASCE</td>
</tr>
<tr>
<td>Chaz B. Weaver, P.E., M.ASCE, Secretary</td>
<td></td>
<td>Rune Storesund, P.E., G.E., M.ASCE</td>
</tr>
<tr>
<td>Robert L. Cagle III, P.E., F.ASCE</td>
<td></td>
<td>Kelly Dooley, A.M.ASCE, ASCE Staff Contact</td>
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<tr>
<td>Douglas D. Knapp, P.E., M.ASCE</td>
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**Committee on Licensure**

**CHARGE:** The Committee on Licensure shall promote the licensure of civil engineers, collaborate with others involved in professional licensure, and monitor, support, and encourage licensure activities.

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>ASCE Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>James S. Talian, P.E., M.ASCE, Chair</td>
<td></td>
<td>Norma J. Mattei, Ph.D., P.E., F.S, M.ASCE</td>
</tr>
<tr>
<td>James L. Doane, P.E., L.S., F.ASCE, Vice-Chair</td>
<td></td>
<td>Kam. K. Movassaghi, Ph.D., P.E., F.ASCE</td>
</tr>
<tr>
<td>Nancy S. Cline, P.E., M.ASCE, Secretary</td>
<td></td>
<td>Monte L. Phillips, Ph.D., P.E., F.ASCE</td>
</tr>
<tr>
<td>Martha F. Juch, P.E., D.WRE, M.ASCE</td>
<td></td>
<td>Rebecca Waldrup, P.E., M.ASCE, ASCE Staff Contact</td>
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<tr>
<td>Sanjeev Kumar, Ph.D., P.E., F.ASCE</td>
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Committee on Sustainability

CHARGE: The Committee on Sustainability shall direct, oversee, and coordinate the Society’s implementation of ASCE’s Sustainability strategic initiative. The Committee on Sustainability shall also provide oversight of ASCE’s involvement in the Institute for Sustainable Infrastructure (ISI).

D. Michael Mucha, P.E., M.ASCE, Chair  
Karyn M. Erickson, P.E., D.CE, M.ASCE  
Julie L. Gagen, A.M.ASCE  
Karen C. Kabbes, P.E., D.WRE, ENV SP, M.ASCE  
Jeffrey R. Keaton, Ph.D., P.E., D.GE, P.G., ENV SP, F.ASCE  
William E. Kelly, Ph.D., P.E., ENV SP, F.ASCE, ASCE Staff Contact  
Nancy J. Kralik, ENV SP, P.E., LEED AP, M.ASCE  
Erika P. Moonin, P.E., D.WRE, M.ASCE  
Teresa L. Peterson, P.E., M.ASCE  
Douglas J. Sereno, ENV SP, P.E., M.ASCE

Envision Committee

CHARGE: Facilitate regular communications between ISI and ASCE so the work programs are complementary and coordinated.

D. Wayne Klotz, P.E., D.WRE, ENV SP, Pres.09.ASCE, Chair  
Fran Eide, P.E., M.ASCE  
Henry J. Hatch, P.E., D.WRE, D.NE, Dist.M.ASCE  
Karen C. Kabbes, P.E., D.WRE, ENV SP, M.ASCE  
D. Michael Mucha, P.E., M.ASCE  
James A. Rispoli, P.E., F.ASCE

Formal Engineering Education Committee

CHARGE: Promote, encourage, and support infusion of sustainability concepts into civil engineering undergraduate curricula consistent with ASCE BOK 2nd edition.

William E. Kelly, Ph.D., P.E., F.ASCE, Chair  
Liv M. Haselbach, M.ASCE  
Norma Jean Mattei, Ph.D., P.E., M.ASCE  
Richard N. Wright, Ph.D., P.E., NAE, Dist.M.ASCE

International Conference on Sustainable Infrastructure

The International Conference on Sustainable Infrastructure will focus on sustainability in the built environment, presenting relevant engineering research, demonstrations and applications that contribute to competitiveness and well-being.

William A. Wallace, ENV SP, M.ASCE, Chair  
John C. Crittenden, P.E., M.ASCE, Editor  
Chris Hendrickson, Ph.D., Dist.M.ASCE  
James B. Balocki, P.E., M.ASCE  
Peter D. Binney, P.E., ENV SP, M.ASCE  
Douglas J. Sereno, ENV SP, P.E., M.ASCE  
Katherine Sierra

Planning Committee

CHARGE: Establish committee priorities, manage subcommittees, and coordinate activities across all elements of the Society.

D. Michael Mucha, P.E., M.ASCE, Chair  
Craig S. Farkos, P.E., M.ASCE  
Albert A. Grant, P.E., Pres.88.ASCE  
Henry J. Hatch, P.E., D.WRE, D.NE, Dist.M.ASCE  
Erika P. Moonin, P.E., D.WRE, M.ASCE  
Richard N. Wright Ph.D., P.E., NAE, Dist.M.ASCE

Strategic Communications Committee

CHARGE: Foster a culture consistent with the principles of sustainability in ASCE members at the Institute, Section, and Branch level by targeted contact with key groups and written pieces focused on improving awareness and understanding of sustainability and the civil engineer’s contributions to society.

Jeffrey R. Keaton, Ph.D., P.E., D.GE, P.G., ENV SP, F.ASCE, Chair  
John Casana, P.E., D.WRE, LEED AP, M.ASCE  
Stephen W. Fisher, S.M.ASCE  
Jennifer C. Jacka-Taylor, P.E., M.ASCE  
Spiros Lazaris, P.E., M.ASCE  
Barbara Luke, Ph.D., P.E., D.GE, F.ASCE  
David F. Pritchard, P.E., M.ASCE  
Douglas J. Sereno, ENV SP, P.E., M.ASCE
Sustainable Infrastructure Certification Committee
Charge: Continue to develop a sustainability infrastructure certification program that will provide a mechanism for professionals in sustainability practice to demonstrate their expertise.

Dale Jacobson, P.E., D.WRE, F.ASCE, Chair
Karyn M. Erickson, P.E., D.CE, M.ASCE, Vice-Chair
James B. Balocki, P.E., M.ASCE
David J. Carlson, A.M.ASCE
Billy Edge, Ph.D., P.E., D.CE, Dist.M.ASCE
Hal Kasoff, M.ASCE
William E. Kelly, Ph.D., P.E., F.ASCE
Blaine D. Leonard, P.E., D.GE, Pres.10.ASCE
Douglas J. Sereno, ENV SP, P.E., M.ASCE
Richard N. Wright, Ph.D., P.E., NAE
Dist.M.ASCE

Sustainable Infrastructure Education Committee
Charge: Develop and maintain, in cooperation with ASCE’s Continuing Education Department, a set of on-line, continuing education courses and related resources that provide the body of knowledge needed for professional competence in the planning, design, construction, operation, maintenance and removal/restoration of sustainable infrastructure systems. Monitor ASCE’s program for professional credentialing of engineers in sustainability and the Institute for Sustainable Infrastructure’s Envision Rating System, and work to assure that ASCE’s program of Sustainable Infrastructure Education is compatible with these related professional and project certification programs.

Richard N. Wright, Ph.D., P.E., Dist.M.ASCE, Chair
Cliff I. Davidson, Ph.D., M.ASCE
Nancy J. Kralik, ENV SP, P.E., LEED AP, M.ASCE
Bruce D. McDowell, Ph.D., F.AICP
William A. Wallace, ENV SP, M.ASCE

Sustainable Infrastructure Project
Charge: Establish an ASCE/ANSI Standard for Sustainable Infrastructure Project Rating that integrates sustainability principles into public and private civil engineering infrastructure projects. Advance sustainability principles into existing design standards.

Leslie L. Gillespie-Marshaler, Chair
William E. Kelly, Ph.D., P.E., F.ASCE
Richard N. Wright, Ph.D., P.E., Dist.M.ASCE

History and Heritage Committee
Charge: The History and Heritage Committee shall promote the civil engineering profession’s history and heritage.

Bernard G. Dennis Jr., M.ASCE, Chair
Duane S. Ellifritt, Ph.D., P.E., M.ASCE
David R. Gilbert, P.E., F.ASCE
Theodore N. Green, P.E., M.ASCE
Francis E. Griggs Jr., D.Eng., P.E., L.S., Dist.M.ASCE
Reuben F. Hull Jr., P.E., M.ASCE
Carol A. Stevens, P.E., F.ASCE
Richard L. Wiltshire, P.E., F.ASCE
Carol H. Reese, Aff.M.ASCE, ASCE Staff

Journal of Management in Engineering Editorial Board
Charge: The JME Editorial Board will collect and disseminate useful information on engineering management issues, techniques, practices, and results from all sources and report them through JME. The Editorial Board will also provide for the reviewing and editing of papers, and for encouraging authors for, and subscribers to, the Journal of Management in Engineering.

Makarand (Mark) Hastak, Ph.D., P.E., M.ASCE, Editor-in-Chief
M. Emre Bayraktar, Ph.D., A.M.ASCE, Associate Editor
S. Richard Benton, P.E., F.ASCE, Associate Editor
Irtishad U. Ahmad, P.E., F.ASCE
Salman Azhar, P.E., A.M.ASCE
Brian R. Brenner, P.E., F.ASCE
Zhen Chen, M.ASCE
Qingbin Cui, Ph.D., A.M.ASCE
Islam H. El-Adaway, Ph.D., C.Eng, M.ASCE
Murat Gunduz, Ph.D., A.M.ASCE
TaeHoon Hong, Ph.D., A.M.ASCE
Young Hoon Kwak, Ph.D., M.ASCE
Issam M. Minkarah, Ph.D., M.ASCE
Chap Ossman, A.M.ASCE
Dean Papajohn, P.E., M.ASCE
Ossama M. Salem, P.Eng, M.ASCE
Qiping Shen, M.ASCE
John E. Taylor, Ph.D., M.ASCE
Kelly Dooley, A.M.ASCE, ASCE Staff
Public Agency Peer Review Committee

Charge: The Public Agency Peer Review Committee shall provide the leadership for and the organization and management of the peer review for public agencies program. The Committee shall also establish criteria for selecting and training reviewers and conducting reviews.

Kyle E. Schilling, P.E., D.WRE, Dist.M.ASCE, Chair
Murl L. Sebring, P.E., M.ASCE, Vice-Chair
Dennis L. Hess, P.E., M.ASCE
Christopher J. King, P.E., S.E., M.ASCE
Eriks V. Ludins, P.E., M.ASCE
Stuart A. Moring, P.E., M.ASCE
Dennis A. Randolph, P.E., M.ASCE
Brent C. Siemer, P.E., F.ASCE, Secretary
Rebecca Waldrup, P.E., M.ASCE, ASCE Staff Contact

Raise the Bar Committee

Charge: The Raise the Bar Committee shall direct, oversee, and coordinate the Society’s implementation of ASCE’s Raise the Bar strategic initiative.

Blaine D. Leonard, P.E., D.GE, Pres.10.ASCE, Chair
Jeffrey S. Russell, Ph.D., P.E., Dist.M.ASCE, Vice-Chair
Bradley F. Aldrich, P.E., F.ASCE
Horst G. Brandes, Ph.D., P.E., F.ASCE
Jennifer B. Epp, P.E., M.ASCE
Eric L. Flicker, P.E., L.S., M.ASCE
Jonathan D. Keeling, P.E., M.ASCE
Jon Nelson, P.E., Dist.M.ASCE
David B. Peterson, P.E., F.ASCE
Stephen J. Ressler, Ph.D., P.E., Dist.M.ASCE
Mark W. Killgore, P.E., D.WRE, FEWRI, M.ASCE, ASCE Staff Contact

Licensure Policy Committee

Purpose: The Licensure Policy Committee shall monitor, support, and encourage progress on the implementation of Raise the Bar initiative in conjunction with state licensing boards, and other groups and associations with an interest in licensure.

Craig N. Musselman, Chair
Jon Nelson, P.E., Dist.M.ASCE, Vice-Chair
Blaine D. Leonard, P.E., D.GE, Pres.10.ASCE, Ex-Officio
Bradley F. Aldrich, P.E., F.ASCE
Michael J. Conzett, P.E., M.ASCE
David G. Mongan, P.E., Pres.08.ASCE
Monte L. Phillips, Ph.D., P.E., F.ASCE
Mark W. Killgore, P.E., D.WRE, FEWRI, M.ASCE, ASCE Staff Contact

Equivalent 30 Credits Task Committee

Purpose: The Equivalent 30 Credits Task Committee shall evaluate and determine pathways by which future candidates for engineering licensure will satisfy NCEES Model Law 2020 requirements in lieu of a master’s degree in engineering.

Anthony M. Puntin, P.E., F.ASCE, Chair
George E. Blandford, Ph.D., M.ASCE
Michael J. Conzett, P.E., M.ASCE
Michael Leroy Hardy, P.E., M.ASCE
Christopher John Rousseau, P.E., M.ASCE
Mark W. Killgore, ASCE Staff Contact
LEADERSHIP DEVELOPMENT

Leadership Development operates within the Professional Activities Department and is charged with creating and implementing programs and products to address the needs of ASCE members. Programs include effective volunteer leader presentations at Multi-Region Leadership Conferences and the Emerging Leaders Alliance (ELA).

THE ORDER OF THE ENGINEER

The Order of the Engineer was initiated in the United States to foster a spirit of pride and responsibility in the engineering profession, to bridge the gap between training and experience, and to present to the public a visible symbol identifying the engineer.

The first Ring Ceremony was held on June 4, 1970 at Cleveland State University. Since then, similar ceremonies have been held across the United States at which graduate and licensed engineers are invited to accept the Obligation of the Engineer and to wear a stainless steel ring. The Ring Ceremonies are conducted by Links (local sections) of the Order.

ASCE World Headquarters became a Link of the Order of the Engineer in August of 2003. Since then, over 4,600 individuals have become members of the Order as a result of over 200 ASCE led Ring Ceremonies. In addition, ASCE staff is available to assist Sections, Branches, and other Society units in conducting Ring Ceremonies.

The Obligation is a creed similar to the oath attributed to Hippocrates (460–377 B.C.) that is generally taken by medical graduates and which sets forth an ethical code. The Obligation likewise contains parts of the Canon of Ethics of major engineering societies. Initiates voluntarily pledge to uphold the standards and dignity of the engineering profession and to serve humanity by making the best use of Earth’s precious wealth.

The Order is not a membership organization; there are never any meetings to attend or dues to pay. Instead, the Order fosters a unity of purpose and the honoring of one’s pledge lifelong.

The Obligation of the Order of the Engineer is similar to the Canadian “Ritual of the Calling of an Engineer.” Initiated there in 1925, it uses a wrought iron ring, conducts a private ceremony, and administers an oath authorized by Rudyard Kipling.

ASCE Headquarters can assist in conducting a Ring Ceremony by providing:

- ceremony information and scripts,
- Order of the Engineer initiates available to conduct the ceremony in your area,
- a banner and a large ceremonial steel ring, and
- instructions for ordering individual rings and certificates.

For more information or assistance in arranging an ASCE led Ring Ceremony, please contact: Becky Waldrup, Senior Manager, Professional Activities, (703) 295-6281, professional@asce.org, or go to www.asce.org/orderengineer.

RAISE THE BAR STRATEGIC INITIATIVE

The ASCE Board of Direction established Raise the Bar as a Strategic Initiative in 2007 (originally under the name “Competency”) and approved an action plan, which the Raise the Bar Committee is charged to carry out. The Raise the Bar initiative seeks to increase the educational requirements for engineering licensure in the future by requiring either a master’s degree in engineering or an equivalent 30 credits of graduate or upper-level undergraduate courses completed inside or outside a university setting. This need for advanced education was first officially recognized in 1998 through ASCE’s Policy 465: Academic Prerequisites for Licensure and Professional Practice. A key component of this initiative has been developing and updating the Civil Engineering Body of Knowledge.

The Raise the Bar initiative was launched with the realization that the complex challenges facing 21st-Century society will require professional engineers to advance their technical excellence and professional leadership. The engineering education of the present - a four-year undergraduate degree - will
not be sufficient to prepare the licensed professional engineers of the future. Among the drivers for this conclusion are the following:

- Professional Engineers will need a greater breadth and depth of knowledge, leadership, and vision to address increasingly complex challenges facing society.
- The credits required to earn the traditional four-year undergraduate engineering degree have decreased significantly while the needed body of knowledge has increased.
- The organization representing engineering licensure boards - the National Council of Examiners for Engineering and Surveying (NCEES) - has changed its model state licensure law to require (by no earlier than 2020) additional education beyond the bachelor’s degree for newly licensed professional engineers.
- Every other learned profession has recognized the need to address expanding knowledge by requiring education beyond the bachelor’s degree. Engineering - with its broad impact - must recognize that need as well.

SUSTAINABILITY STRATEGIC INITIATIVE

ASCE envisions civil engineers as “entrusted by society to create a sustainable world....” As both the stewards of the natural environment and the designers and builders of the built environment, we have both the expertise and responsibility to achieve a truly sustainable civilization that provides environmental, economic and social well-being, now and for the future.

- The infrastructure we design and build today will shape society for the next 50 years and well beyond.
- Civil Engineers’ role in sustainability includes policy, leadership, environmental stewardship and life-cycle planning.
- Sustainable infrastructure, designed to consider current and future hazards, plays a crucial role in a community’s resilience and ability to withstand and recover from natural or man-made disasters.
- In October 2009 the ASCE Board of Direction established Sustainability as a Strategic Initiative, approved the Sustainability Action Plan and adopted the following definition of Sustainability.

Role of the Committee on Sustainability

- Establish Society leadership role in sustainability.
- Provide support and oversight of ASCE’s role in the Institute for Sustainable Infrastructure (ISI).
- Foster engagement in sustainability among ASCE members through their activities in Institutes, Branches, and Sections.
- Coordinate ASCE’s sustainability initiatives and programs.
- Encourage, develop and support policies, programs, and initiatives.
- Define the Body of Knowledge and the qualifications of a civil engineer with sustainability expertise

Institute for Sustainable Infrastructure - ENVISION™

As a key part of ASCE dedication to advancing sustainable practice, ASCE worked jointly with the American Council of Engineering Companies (ACEC) and the American Public Works Association (APWA) to establish an independent not-for-profit 501c(3) organization, the Institute for Sustainable Infrastructure (ISI). The organization established an infrastructure rating system called Envision™ to rate the sustainability of an infrastructure project at any point in its life cycle. Additional details on ISI and Envision™ are available on the ISI website www.sustainableinfrastructure.org.

ASCE Staff Contact:

Michael R. Sanio, CAE, ENV SP, M.ASCE
EDUCATION

ASCE’s educational activities are managed by the committees listed on the following pages. For more information about the work of these groups, contact:

Committee on Education (COE)
Ping Wei (703) 295-6106

Committee on Accreditation (COA)
Ping Wei (703) 295-6106

Committee on Faculty Development (CFD)
Dion Coward (703) 295-6267

Committee on Pre-College Outreach
Leslie Payne (703) 295-6364

Department Heads Coordinating Council (DHCC)
Dion Coward (703) 295-6267
COMMITTEE ON EDUCATION

CHARGE: The Committee on Education shall focus on matters that affect the education of civil engineers from primary grades through completion of post-secondary education.

Norman D. Dennis Jr., Ph.D., P.E., D.GE, F.ASCE, Chair
Norbert J. Delatte Jr., Ph.D., P.E., F.ASCE
Kevin D. Hall, Ph.D., P.E., M.ASCE
Sybil E. Hatch, P.E., M.ASCE
Shawn P. Kelley, Ph.D., P.E., M.ASCE
Thomas A. Lenox, Ph.D., Dist.M.ASCE
Kristen L. Sanford Bernhardt, Ph.D., P.E., M.ASCE
Camilla M. Saviz, Ph.D., P.E., M.ASCE
Kristina L. Swallow, P.E., M.ASCE
Ping Wei, CAE, A.M.ASCE, ASCE Staff

Committee on Accreditation

CHARGE: The Committee on Accreditation shall administer all activities involving ASCE’s participation in ABET accreditation, specifically including strategic accreditation priorities, policies, and programs.

Wayne R. Bergstrom, Ph.D., P.E., D.GE, F.ASCE, Chair
David Binning, P.E., M.ASCE
Horst G. Brandes, Ph.D., P.E., F.ASCE
John W. Fleming, P.E., M.ASCE
Maurice E. Fortney, P.E., M.ASCE
Charles N. Haas, Ph.D., F.ASCE
William H. Highter, P.E., Ph.D., F.ASCE
Stephen J. Ressler, Ph.D., P.E., Dist.M.ASCE
Camilla M. Saviz, Ph.D., P.E., M.ASCE
Ellen W. Stevens, P.E., M.ASCE
Ping Wei, CAE, A.M.ASCE, ASCE Staff

Committee on Accreditation Operations

CHARGE: The Committee on Accreditation Operations shall focus on the recruitment, training, evaluation, and assignment of program evaluators for the accreditation of architectural, civil, and construction engineering programs and architectural engineering, civil engineering, and construction engineering technology programs; and the implementation of the associated ABET program criteria.

William H. Highter, P.E., Ph.D., F.ASCE, Chair
Daryl R. Armentrout, Ph.D., P.E., F.ASCE
Lizette R. Chevalier, P.E., D.WRE, F.ASCE
David A. Chin, Ph.D., P.E., D.WRE, F.ASCE
Charles N. Haas, Ph.D., F.ASCE
Michael J. Hagenberger, P.E., M.ASCE
David W. Johnston, Ph.D., P.E., F.ASCE
Edward H. Kalajian, Ph.D., P.E., M.ASCE
T. Bartlett Quimby, Ph.D., P.E., F.ASCE
Clarence E. Waters, Ph.D., P.E., M.ASCE
Dion K. Coward, A.M.ASCE, ASCE Staff

Committee on Faculty Development

CHARGE: The Committee on Faculty Development shall create and implement programs to foster the development and advancement of faculty as effective educators.

Audra N. Morse, Ph.D., P.E., M.ASCE, Chair
Steven J. Burian, Ph.D., P.E., M.ASCE
Joseph P. Hanus, Ph.D., P.E., M.ASCE
Moujalli Hourani, M.ASCE
Michael E. Mathieu, P.E., F.ASCE
Roseanna M. Neupauer, Ph.D., P.E., M.ASCE
Audra N. Morse, Ph.D., P.E., M.ASCE
Kristen L. Sanford Bernhardt, Ph.D., P.E., M.ASCE
Dion K. Coward, A.M.ASCE, ASCE Staff

Committee on Pre-College Outreach

CHARGE: The Committee on Pre-College Outreach shall develop and implement programs and resources to increase interest in and understanding of civil engineering among pre-college aged students, their parents, and educators.

Anthony L. Cioffi, P.E., M.ASCE
Melissa Wu, P.E., M.ASCE, Chair
Reed M. Brockman, P.E., M.ASCE
Sybil E. Hatch, P.E., M.ASCE
Matt L. Hinshaw, A.M.ASCE
Shelia Montgomery-Mills, P.E., M.ASCE
Thea Sahr
Melissa S. Wheeler, A.M.ASCE
Leslie D. Payne, Aff.M.ASCE, ASCE Staff

Contact
Department Heads Coordinating Council

CHARGE: The Department Heads Coordinating Council shall assist and advise the Committee on Education on the initiation, development, and execution of policies, programs, and procedures designed to enhance civil engineering education and research; foster communication on educational and research matters among all civil engineering department heads, faculty, students, and practitioners; and represent the Society to peer engineering societies’ department heads groups both nationally and internationally.

Kevin D. Hall, Ph.D., P.E., M.ASCE, Chair
Reginald DesRoches, Ph.D., M.ASCE
W. Samuel Easterling, Ph.D., P.E., F.ASCE
Allen C. Estes, Ph.D., P.E., M.ASCE
Charles N. Haas, Ph.D., F.ASCE
Donald F. Hayes, P.E., M.ASCE
Moujalli Hourani, M.ASCE
Deborah S. Mcavoy, P.E., PTOE, M.ASCE
Keith R. Molenaar, Ph.D., M.ASCE
H. Scott Norville, Ph.D., P.E., M.ASCE
Rupa Parasinghe, Ph.D., P.E., M.ASCE
Dion K. Coward, A.M.ASCE, ASCE Staff

Civil Engineering Program Criteria Task Committee

CHARGE: Determine if new/modified civil engineering program criteria consistent with ASCE’s Civil Engineering Body of Knowledge (2nd Edition) are needed for accreditation reviews beginning in September 2016.

Richard O. Anderson, P.E., Dist.M.ASCE, Chair
Wayne R. Bergstrom, Ph.D., P.E., D.GE, F.ASCE
David Binning, P.E., M.ASCE
George E. Blandford, Ph.D., M.ASCE
Phillip E. Borrowman, P.E., F.ASCE
Donald D. Carpenter, P.E., M.ASCE
Allen C. Estes, Ph.D., P.E., M.ASCE
Jeffrey C. Evans, Ph.D., P.E., M.ASCE
Kenneth J. Fridley, Ph.D., F.ASCE
Carolyn J. Merry, Ph.D., M.ASCE
Paul F. Miakar, Ph.D., P.E., F.S, Dist.M.ASCE
Ellen W. Stevens, P.E., M.ASCE
Thomas A. Lenox, Ph.D., Dist.M.ASCE, Ex-Officio
James J. O’Brien Jr., P.E., M.ASCE, Ex-Officio
Ping Wei, CAE, A.M.ASCE, ASCE Staff

Contact
DEPARTMENT HEADS

DEPARTMENT HEADS

Architectural Engineering

California Polytechnic State University, San Luis Obispo
Allen C. Estes, Ph.D., P.E., M.ASCE
University of Colorado at Boulder
Keith R. Molenaar, Ph.D., A.M.ASCE
Drexel University
Charles N. Haas, Ph.D., M.ASCE
Illinois Institute of Technology
Jamshid Mohammadi, Ph.D., P.E., S.E., M.ASCE
Kansas State University
David R. Frithchen, Ph.D., A.M.ASCE
University of Kansas
Craig D. Adams, Ph.D., P.E., F.ASCE
University of Miami
Antonio Nanni, Ph.D., P.E., F.ASCE
Milwaukee School of Engineering
Deborah Jackman, Ph.D., P.E.
Missouri University of Science and Technology
William P. Schonberg, Ph.D., P.E., F.ASCE
University of Nebraska-Lincoln at Omaha
Andrzej S. Nowak, Ph.D., F.ASCE
North Carolina Agricultural and Technical State University
Sameer A. Hanoush, Ph.D., P.E., M.ASCE
University of Oklahoma
Robert C. Knox, Ph.D., P.E., A.M.ASCE
Oklahoma State University
Randy Seisinger, A.I.A.
Pennsylvania State University-University Park
Chimay J. Anumba, Ph.D., P.E., D.Sc., F.ASCE
Tennessee State University
Farouk Putrus Mishu, Ph.D., P.E., F.ASCE
Texas A&M University-Kingsville
Joseph O. Sai, Ph.D., P.E.
University of Texas at Austin
Sharon L. Wood, Ph.D., M.ASCE
University of Wyoming
Richard J. Schmidt, Ph.D., P.E., M.ASCE

Civil Engineering—Geographic Groups

Region 1

Brown University
Rodney J. Clifton, Ph.D., P.E., M.ASCE
University at Buffalo, The State University of New York
Andrew S. Whittaker, Ph.D., S.E., M.ASCE
Central Connecticut State University
Alfred Gates
City College of New York, CUNY
Claire E. McKnight, Ph.D., P.E., M.ASCE
Clarkson University
Stefan Grimberg, Ph.D., P.E.
The College of New Jersey
Michael W. Horst, P.E., M.ASCE
Columbia University
Raimondo Betti, Ph.D., P.E., M.ASCE
University of Connecticut
Ross Bagnizons, Ph.D., A.M.ASCE
The Cooper Union
Jameel Ahmad, Ph.D., M.ASCE
Cornell University
Philip L. Liu, Ph.D., F.ASCE
University of Hartford
David Pines, Ph.D., A.M.ASCE
University of Maine
William Davids, Ph.D., P.E., M.ASCE
Manhattan College
Moujali Hourani, Ph.D., M.ASCE
University of Massachusetts Amherst
Richard N. Palmer, Ph.D., P.E., M.ASCE
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Massachusetts Institute of Technology
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University of New Haven
Gregory P. Broderick, Ph.D., A.M.ASCE
New Jersey Institute of Technology
Taha F. Marhaab, Ph.D., P.E., M.ASCE
Northeastern University
Jerome F. Hajjar, Ph.D., P.E., F.ASCE
Norwich University
Edwin R. Schmeckpeper, Ph.D., P.E., M.ASCE
Polytechnic Institute of New York University
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Polytechnic University of Puerto Rico
Jose Borragers-Lezama, P.E.
Princeton University
Michael A. Celia, Ph.D., M.ASCE
University of Puerto Rico, Mayaguez
Ismael Pagan-Trinidad, A.M.ASCE

Rensselaer Polytechnic Institute
Chris Letchford, Ph.D., P.E., M.ASCE
University of Rhode Island
George Tsiatas, Ph.D., A.M.ASCE

Rowan University
Beena Sukumaran, Ph.D., A.M.ASCE
Rutgers, The State University of New Jersey
Nenad Gucunski, Ph.D., A.M.ASCE
Stevens Institute of Technology
David Vaccari, Ph.D., P.E., M.ASCE

University of Vermont
Lisa Aultman-Hall, Ph.D., P.E., M.ASCE

Region 2

Bucknell University
Jeffrey C. Evans, Ph.D., P.E., M.ASCE

Carnegie Mellon University
Irving Oppenheim, Ph.D., P.E., M.ASCE

Catholic University of America
Poul V. Lade, Ph.D., M.ASCE

University of Delaware
Harry W. Shenton, Ph.D. A.M.ASCE
University of the District of Columbia-Van Ness Campus
Abiose O. Adebayo, Ph.D.

Drexel University
Charles N. Haas, Ph.D., M.ASCE

George Mason University
Deborah J. Goodings, Ph.D., P.E., F.ASCE

George Washington University
W. M. Kim Roddis, Ph.D., P.E., F.ASCE

Howard University
Errol C. Noel, Ph.D., P.E., F.ASCE

Johns Hopkins University
Benjamin W. Schafer, Ph.D., P.E., A.M.ASCE

Syracuse University
Chris E. Johnson, Ph.D.

Tufts University
Kurt D. Pennell, Ph.D., P.E, M.ASCE
United States Coast Guard Academy
Jonathan Russell, P.E., M.ASCE

United States Military Academy
Fred Meyer, Ph.D., P.E., M.ASCE
University of Vermont
Lisa Aultman-Hall, Ph.D., P.E., M.ASCE

Worcester Polytechnic Institute
Tahar El-Korchi, Ph.D.

Region 3

University of Akron
Wieslaw K. Binienda, Ph.D., F.ASCE

Bradley University
Amir Wadi Al-Khafaji, Ph.D.

Case Western Reserve University
Robert L. Mullen, Ph.D., P.E., F.ASCE

University of Cincinnati
Steven G. Buchberger, Ph.D., P.E., M.ASCE

Cleveland State University
Norbert J. Delatte, Ph.D., P.E., F.ASCE

University of Dayton
Donald V. Chase, Ph.D., P.E., M.ASCE

University of Detroit-Mercy
Alan S. Hoback, Sc.D., P.E.

University of Illinois at Chicago
Farhad Ansari, Ph.D., P.E., M.ASCE

University of Illinois at Urbana-Champaign
Amr S. Elnashai, Ph.D., F.ASCE

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University of Illinois at Urbana-Champaign
Amr S. Elnashai, Ph.D., F.ASCE

Illinois Institute of Technology
Jahnshid Mohammadi, Ph.D., M.ASCE

Lawrence Technological University
Nabil F. Grace, Ph.D., P.E., M.ASCE

Marquette University
Christopher M. Foley, Ph.D., M.ASCE

University of Michigan
Kim F. Hayes, Ph.D.

Michigan State University
Neeraj J. Buch, Ph.D., A.M.ASCE

Michigan Technological University
William M. Bulleit, Ph.D., P.E., M.ASCE

Minnesota State University, Mankato
Aaron S. Budge, Ph.D., P.E., A.M.ASCE

University of Minnesota-Twin Cities
Roberto Ballarini, Ph.D., P.E., F.ASCE

University of Minnesota Duluth
Adrian T. Hanson, Ph.D., P.E., M.ASCE

University of North Dakota
Charles J. Moretti, Ph.D., P.E., A.M.ASCE
### DEPARTMENT HEADS

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<tr>
<th>North Dakota State University</th>
<th>Ekalak Khan, Ph.D., P.E., M.ASCE</th>
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<td>Northwestern University</td>
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<td>Jonathan S. Smallley, Ph.D., P.E., M.ASCE</td>
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<td>Ashok Kumar, Ph.D., P.E., DEE</td>
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**Region 4**

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<td>Radhey S. Sharma, Ph.D., M.ASCE</td>
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**Region 5**

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<td>Fouad H. Fouad, Ph.D., P.E., F.ASCE</td>
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<td>Houssam A. Toutanji, Ph.D., P.E., F.ASCE</td>
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Auburn University  
  J. Michael Stallings, Ph.D., P.E., M.ASCE  
University of Central Florida  
  Lakshmi N. Reddi, Ph.D., P.E., M.ASCE  
Embry-Riddle Aeronautical University-Daytona Beach  
  Chris D. Grant, Ph.D., P.E., M.ASCE  
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  Kirk H. Hatfield, Ph.D., A.M.ASCE  
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  Kamal Tawfiq, Ph.D., P.E., FASCE  
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Florida Institute of Technology  
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University of South Florida  
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  Scott Norville, Ph.D., P.E., M.ASCE  
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  Keith R. Molenaar, Ph.D., A.MASCE  
University of Colorado at Denver  
  Nien-Yin Chang, Ph.D., P.E., M.ASCE  
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  Luis A. Garcia, Ph.D., M.ASCE  
University of Iowa  
  Michelle Scherer, Ph.D.  
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  Terry J. Wipf, Ph.D., P.E., M.ASCE  
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  Craig D. Adams, Ph.D., P.E., FASCE
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Robert W. Stokes, Ph.D., F.ASCE  
Missouri University of Science and Technology  
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University of Missouri-Columbia  
Sam Aaron Kiger, Ph.D., P.E., M.ASCE  
University of Missouri-Kansas City  
Mark F. McClemon, Ph.D., P.E.  
University of Missouri-St. Louis  
Joseph O’Sullivan, Ph.D.  
University of Nebraska-Lincoln  
Mohamed F. Dahab, Ph.D., P.E., M.ASCE

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South Dakota State University  
Nadim I. Wehbe, P.E., M.ASCE  
Southern Illinois University at Carbondale  
Sanjeev Kumar, Ph.D., P.E., F.ASCE  
Southern Illinois University Edwardsville  
Jianpeng Zhou, Ph.D., P.E., BCEE  
United States Air Force Academy  
Jeffrey Heiderscheidt  
University of Wyoming  
Richard J. Schmidt, Ph.D., P.E., M.ASCE

Region 8

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University of Alaska Fairbanks  
Robert A. Perkins, P.E., F.ASCE  
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Kevin E. Lansey, Ph.D., A.M.ASCE  
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Mandar Khanal, Ph.D., P.E., F.ASCE  
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Steve Harper  
Gonzaga University  
Anwar S. Khattak, Ph.D.  
University of Hawaii at Manoa  
C.S. Papacostas, Ph.D., M.ASCE  
University of Idaho  
Richard Nielsen, Ph.D., P.E., M.ASCE  
Idaho State University  
Manoochehr Zoghi, Ph.D., P.E., M.ASCE  
Montana State University-Bozeman  
Brett W. Gannink, Ph.D., P.E., M.ASCE  
University of Nevada-Las Vegas  
Donald F. Hayes, Ph.D., P.E., M.ASCE

University of Nevada-Reno  
Ahmad M. Itani, Ph.D., P.E., S.E., F.ASCE  
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Bridge Bero, Ph.D., P.E.  
Oregon Institute of Technology  
Michael Cornachione  
Oregon State University  
David Trejo, Ph.D., P.E., M.ASCE  
University of Portland  
Mehmet I. Inan, Ph.D., P.E.  
Portland State University  
Scott A. Wells, Ph.D., P.E., M.ASCE  
Saint Martin’s University  
Dintie S. Mahnah, Ph.D.  
Seattle University  
Phillip Thompson, Ph.D., P.E., M.ASCE  
University of Utah  
Christopher P. Pantelides, Ph.D., P.E., M.ASCE  
Utah State University  
William Rahmeyer, Ph.D., P.E., M.ASCE  
University of Washington  
John Ferguson, Ph.D., P.E., M.ASCE  
Washington State University  
Balasingam Muhunthan, Ph.D., P.E., F.ASCE

Region 9

California Baptist University  
Helen Y. Jung, Ph.D., P.E., M.ASCE  
California Polytechnic State University, San Luis Obispo  
Rakesh K. Goel, Ph.D., P.E., F.ASCE  
California State Polytechnic University, Pomona  
Francelina A. Neto, R.L.S., M.ASCE  
California State University, Chico  
Curt B. Haselton, Ph.D., P.E., M.ASCE  
California State University, Fresno  
Jesus Larralde, Ph.D., P.E., M.ASCE  
California State University, Fullerton  
Pinaki R. Chakrabarti, Ph.D., P.E., S.E., F.ASCE

California State University, Long Beach  
Emelinda Parentela, Ph.D., P.E.  
California State University, Los Angeles  
Rupa Purasinghe, Ph.D., P.E., M.ASCE  
California State University, Northridge  
Nazaret Dermendjian, Ph.D., P.E., M.ASCE  
California State University, Sacramento  
Kevan R. Shafizadeh, Ph.D., P.E., M.ASCE  
University of California, Berkeley  
Samer M. Madanat, Ph.D., P.E., M.ASCE  
University of California, Davis  
Sashi Kunnath, Ph.D., P.E., F.ASCE
## Construction Engineering

- University of Alabama
  - Kenneth J. Fridley, Ph.D., F.ASCE
- University of Central Florida
  - Lakshmi N. Reddi, Ph.D., P.E., M.ASCE
- Iowa State University
  - Terry J. Wipf, Ph.D., P.E., M.ASCE
- Marquette University
  - Mark O. Federle, Ph.D., F.ASCE
- University of Nebraska-Lincoln
  - Mohamed F. Dahab, Ph.D., P.E., M.ASCE
- University of New Mexico
  - John C. Stormont, Ph.D., P.E., M.ASCE
- North Carolina State University at Raleigh
  - Morton Barlaz, Ph.D., P.E., M.ASCE
- North Dakota State University
  - Yong Bai, Ph.D., P.E., F.ASCE

## Architectural Engineering Technology

- Alfred State College
  - Heinrich Hermann
- Bluefield State College
  - Donald G. Bury
- Central Maine Community College
  - Kevin Hanlon
- University of Cincinnati
  - Daniel J. Durbin
- Delaware Technical & Community College - Danville
  - Jack F. Owens Campus
    - Reginald Chandler
- Greenville Technical College
  - Gene Wilson
- University of Hartford
  - Michael J. Crochie, Ph.D., AIA
- Indiana University-Purdue University Fort Wayne
  - Suleiman A. Ashur, Ph.D., P.E., M.ASCE
- Indiana University-Purdue University Indianapolis
  - David Jan Cowan
- Midland Technical College
  - Clint Chandler
- NHTI, Concord’s Community College
  - Liaquat Khan, D.A.
- Pennsylvania State University-Fayette
  - Andrzei Gapinski, Ph.D.
- University of Puerto Rico at Ponce
  - Antonio Zaragoza Rodriguez
- University of Southern Mississippi
  - Jeffrey Hannon
- Southwest Tennessee Community College
  - Garry Spencer
- State University of New York, College of Technology at Farmingdale
  - Amitabha Bandyopadhyay, Ph.D., P.E., F.ASCE
- Three Rivers Community College
  - G. Kent Harding
- Vermont Technical College
  - John C. Reilly, P.E.

## Civil Engineering Technology

- Bluefield State College
  - Donald G. Bury
- Bridgemont Community and Technical College
  - Earl M. Waytowich, P.E., M.ASCE
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<td>Craig D. Capano, Ph.D., CPC, A.M.ASCE</td>
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Construction Engineering Technology

University of Akron-Summit College
Larry Shubat
Alfred State College
Jeffrey K. Marshall, P.E., M.ASCE
California State Polytechnic University, Pomona
Hovel Y. Babikian, P.E.
Chattanooga State Community College
Susan Ruta
East Tennessee State University
Kenneth G. Kellogg, P.E., M.ASCE
Erie Community College-North Campus
Gregory G. Gillis
Essex County College
Manimaran Ravichandran
Fairleigh Dickinson University (Metropolitan Campus)
Stanley Bielewicz, M.ASCE
Florida A&M University
Kamal S. Tawfiq, Ph.D., P.E., F.ASCE
Greenville Technical College
Gene Wilson
Indiana University-Purdue University Fort Wayne
Suleiman A. Ashur, Ph.D., P.E., M.ASCE
Indiana University-Purdue University Indianapolis
Tom Isley, Ph.D.
Louisiana Tech University
Aziz Saber, Ph.D., P.E., M.ASCE
University of Maine
Knud E. Hermansen, Ph.D., P.E., P.L.S., Esq., M.ASCE
Missouri Western State University
George Yang, Ph.D.
Montana State University-Bozeman
Jerry E. Stephens, Ph.D., P.E., M.ASCE

Murray State University
Danny Claiborne, Ph.D.
New Jersey Institute of Technology
Ronald H. Rockland, Ph.D.
University of North Texas
Enrique Barbieri, Ph.D.
Oklahoma State University
Dana Hobson, Ph.D., P.E., M.ASCE
Pennsylvania State University-Harrisburg
Joseph J. Cecere, Ph.D., CPC
Pittsburg State University
James Otter
University of Puerto Rico at Bayamon
Jesus Ortiz Cintron
University of Puerto Rico at Ponce
Antonio Zaragoza Rodriguez
Purdue University Calumet
Anthony M. Gregory
Purdue University North Central
Martha C. Garcia-Saenz, A.M.ASCE
University of Southern Mississippi
Jeffrey Hannon
State University of New York, College of Technology at Farmingdale
Amitabha Bandypadhyay, Ph.D., P.E., F.ASCE
Temple University
Philip D. Udo-Inyang, Ph.D., P.E., M.ASCE
Texas Tech University
William R. Burkett, Ph.D., P.E., M.ASCE
University of Toledo
Nicholas V. Kissoff, Ph.D., P.E.
Youngstown State University
David G. Kurtanich, P.E., M.ASCE
STUDENT ACTIVITIES

Student Chapters

The objective of the ASCE Student Chapter is to help students prepare themselves for entry into the Civil Engineering profession and society.

Students must master principles and techniques of engineering to earn their degrees. There are, in addition, important non-technical subjects, generally called “professional matters,” which are not usually covered in class work. Many aspects of these professional matters lend themselves to Student Chapter programs.

Student Chapters of the American Society of Civil Engineers also help civil engineering students begin those professional contacts and associations which, continued through life, are so valuable to the practicing engineer in serving humanity and the engineering profession more effectively.

In addition, the Chapter is a good medium for developing skills of personal and public relations. For example, Chapter members prepare, present and discuss papers, conduct Chapter activities, hold office, request and entertain guest speakers, visit engineering works under construction, prepare reports to the Society and read the publications of the Society. These and many other Chapter activities contribute to broad personal development by stimulating an early professional consciousness while the student is still preoccupied with techniques.

The formation of Student Chapters was authorized by the Board of Direction in 1920. Student Chapters may be established at universities within the United States and Puerto Rico that have an engineering or engineering technology program related to civil engineering and leading to an engineering or engineering technology degree. The various provisions for Student Chapter establishment and procedures are outlined in the ASCE Bylaws and Rules. The Student Organization Handbook provides a complete guide for Chapter activity.

Each Chapter is assigned three Advisory Personnel: one Faculty Advisor and two Practitioner Advisors.

Services provided to ASCE Student Chapters encompass awards, contests, workshops and conferences, Society membership (SM grade), program materials, scholarships and publications. Graduating Chapter members are encouraged to submit Associate Member applications to Headquarters.

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<th>Name</th>
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<th>Charter Date</th>
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<td>Americas, Puebla, Universidad de las</td>
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Arizona, University of Tucson, AZ 1926
Arizona
Tribikram Kundu
Samuel Credio
Jeff Hung
Asjraf El-Sayed

Arkansas State University State University, AR 1991
Arkansas
Thomas Parsons

Arkansas, University of Fayetteville, AR 1926
Arkansas
Kevin Hall
Jessica Keahey

Auburn University Auburn, AL 1921
Alabama
Justin Marshall
Jesse Joiner
Robert Thompson

Bluefield State College Bluefield, WV 1981
West Virginia
Kerry Stauffer

Boise State University Boise, ID 2007
Southern Idaho
George Murgel
Wisam Hanna
William Pearsall
Degan Lewis
Steven Lord
William Merwarth

Bradley University Peoria, IL 1964
Utah
Brett Borup

Brigham Young University Provo, UT 1961
Utah

Broome Community College Binghamton, NY 1974
Ithaca
Joseph De Angelo

Bucknell University Lewisburg, PA 1921
Central Pennsylvania
Buffalo
Todd Snyder
Bradley Newlin

University at Buffalo, Buffalo, NY 1964

The State University of New York

California Baptist University Riverside, CA 2010
Los Angeles
Jong-Wha Bai
Bill Flores

California Institute ofPasadena, CA 1983
Los Angeles
John Hall

California Polytechnic State University, San Luis Obispo San Luis Obispo, CA 1980
Los Angeles
Eric Kasper
Carolyn Berg
Jazz Gilbert

California State Polytechnic University, Pomona Pomona, CA 1965
Los Angeles
Seema Shah-Fairbank
Sarah Watrous

California State University, Chico Chico, CA 1969
Sacramento
Steffen Mehl
Ed Anderson
Robert Clark
Noelle Willbanks
Austin Quiroz

California State University, Fresno Fresno, CA 1967
San Francisco
Fariborz Tehran

California State University, Fullerton Fullerton, CA 1976
Los Angeles
Pratantu Ghosh
Thomas Broz
Matt Jabbari
Khanh Chu

California State University, Long Beach Long Beach, CA 1964
Los Angeles
Lisa Star

California State University, Los Angeles Los Angeles, CA 1965
Los Angeles
Gustavo Menezes

California State University, Northridge Northridge, CA 1974
Los Angeles
Brigid Baty
Don Sepulveda

California State University, Sacramento, CA 1965
Sacramento
Ben Fell
Blake Brown
Kristen Martin

California, Berkeley, University of Berkeley, CA 1921
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Sally Thompson
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California, Davis, University of Davis, CA 1965
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Bryan Jones
Matthew Socha
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<td>Walla Walla</td>
<td>University of</td>
<td>Columbia</td>
<td>Bryce Cole</td>
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<td>College Place, WA</td>
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<td>Washington State University</td>
<td>Washington,</td>
<td>Inland Empire</td>
<td>Chuck Prussack</td>
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<td>Pullman, WA</td>
<td>University</td>
<td>David Yonge</td>
<td>Teresa Dugger</td>
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<tr>
<td>Washington, University of</td>
<td>Wayne State</td>
<td></td>
<td>Perry Cole</td>
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<tr>
<td>Seattle, WA</td>
<td>University</td>
<td>Charles Roeder</td>
<td>Marie Phelen</td>
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<tr>
<td>Detroit, MI</td>
<td>University</td>
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<tr>
<td>Wentworth Institute of Technology</td>
<td>Boston</td>
<td>James Lambrecht</td>
<td></td>
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<tr>
<td>Boston, MA</td>
<td>Boston</td>
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<td>(club); 2007</td>
<td>(club); 2007</td>
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<tr>
<td>West Texas A&amp;M University</td>
<td>Texas</td>
<td>Kenneth Leitch</td>
<td>Rudolfo Miesles</td>
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<tr>
<td>Canyon, TX</td>
<td>Texas</td>
<td>Jennifer Weidhass</td>
<td>Bernard Tillery</td>
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<tr>
<td>West Virginia University</td>
<td>West Virginia</td>
<td>WV</td>
<td>Donald Williams</td>
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</tr>
<tr>
<td>Morgantown, WV</td>
<td>West Virginia</td>
<td>WV</td>
<td>Gary Facemyer</td>
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</tr>
<tr>
<td>West Virginia University</td>
<td>West Virginia</td>
<td>WV</td>
<td>William Thornton</td>
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</tr>
<tr>
<td>Institute of Technology</td>
<td>West Virginia</td>
<td>WV</td>
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</tbody>
</table>
International Student Groups

ASCE sponsors International Student Groups at a number of overseas schools offering undergraduate programs related to civil engineering. Society services stimulated international interest when the first ASCE International Student Group was chartered in 1997.

The services ASCE extends to International Student Group members include the opportunity to apply for Society Student Membership and to participate in student workshops, conferences and competitions.

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Charter Date</th>
<th>Section</th>
<th>Faculty Advisor</th>
<th>Practitioner Advisor(s)</th>
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<tbody>
<tr>
<td>American University in Cairo</td>
<td>Cairo, Egypt</td>
<td>2012</td>
<td>Egypt</td>
<td>Medhat Haroun</td>
<td>Mostafa Sobhman, Marwan Shahien</td>
</tr>
<tr>
<td>American University in Dubai</td>
<td>Dubai, United Arab Emirates</td>
<td>2012</td>
<td>United Arab Emirates</td>
<td>Hilal El-Hassan</td>
<td>Elias Sayah</td>
</tr>
<tr>
<td>American University of Sharjah</td>
<td>Sharjah, United Arab Emirates</td>
<td>2012</td>
<td>United Arab Emirates</td>
<td>Rami Haweeleh</td>
<td>Elias Sayah, Gajanan Sabnis</td>
</tr>
<tr>
<td>Universidad Autónoma del Estado de México</td>
<td>Toluca, Mexico, 2011</td>
<td>Mexico</td>
<td>Mexico</td>
<td>David de Leon</td>
<td></td>
</tr>
<tr>
<td>British Columbia, University of</td>
<td>Vancouver, BC, Canada</td>
<td>2006</td>
<td>CSCE</td>
<td>Carlos Ventura</td>
<td></td>
</tr>
<tr>
<td>BS Abdur Rahman University</td>
<td>Chennai, India</td>
<td>1998</td>
<td>India</td>
<td>Haji Mohammed</td>
<td></td>
</tr>
<tr>
<td>École de technologie supérieure</td>
<td>Montréal, Quebec, Canada</td>
<td>2006</td>
<td>CSCE</td>
<td>Alan Carter</td>
<td>Sylvie Boulanger</td>
</tr>
<tr>
<td>École Polytechnique de Montréal</td>
<td>Montréal, Quebec, Canada</td>
<td>2013</td>
<td>Costa Rica</td>
<td>Pierre Léger</td>
<td>Paul Croteau, Sol Anibal, Lorenzo</td>
</tr>
<tr>
<td>Hanyang University</td>
<td>Sa-dong, South Korea</td>
<td>2012</td>
<td>South Korea</td>
<td>Tai Lee</td>
<td></td>
</tr>
<tr>
<td>Hong Kong University of Science &amp; Technology</td>
<td>Kowloon, Hong Kong, 2001</td>
<td>Hong Kong</td>
<td>Gang Wang</td>
<td>George Cheng</td>
<td></td>
</tr>
<tr>
<td>Istanbul Technical University</td>
<td>Istanbul, Turkey</td>
<td>2001</td>
<td>Turkey</td>
<td>Berrak Teymur</td>
<td>Derin Ural, Pinar Ozdemir</td>
</tr>
<tr>
<td>Kuwait University</td>
<td>Safat, Kuwait</td>
<td>1997</td>
<td>Saudi Arabia</td>
<td>Alan Rahman</td>
<td></td>
</tr>
</tbody>
</table>
Organized ASCE Student Conference Groups

The ASCE Student Organizations assemble according to geographical regions for Spring student conferences each year. Speakers, field trips and competitions with technical papers, concrete canoe races, structural models, steel bridge building, etc. are featured. Conference listings are available from ASCE Student Services by emailing student@asce.org.

Years when Student Organizations hosted conference meetings are listed (e.g., 91 for 1991 and 01 for 2001).

Carolinhas Conference

American University in Cairo
American University in Dubai
American University of Sharjah
The Citadel – 61, 64, 67, 70, 84, 92, 98, 06
Clemson University – 63, 66, 69, 72, 76, 78, 86, 90, 96, 04, 12
Duke University – 80, 85, 02, 10
Georgia Institute of Technology – (Southeast) 63, 68, 72, 83, 93; (Carolinas) 00, 07
Horry Georgetown Technical College
Istanbul University
Kuwait University
Lakehead University
Universidad LaSalle Cuernavaca
Université Laval
University of Macau
Sharjah, University of
Tongji University
Tsinghua University
United Arab Emirates University

South Carolina State University
Trident Technical College
United Arab Emirates University

North Carolina A&T State University – 93, 99, 08
University of North Carolina at Charlotte – 83, 88, 94, 01, 09
North Carolina State University – 73, 75, 80, 85, 89, 95, 03, 11
University of Sharjah
University of South Carolina – 65, 68, 71, 82, 87, 91, 97, 05, 13
South Carolina State University

Deep South Conference

Arkansas State University – 99, 09
Christian Brothers University
Jackson State University
University of Louisiana at Lafayette – 63, 67, 76, 80, 85, 93, 96, 05
Louisiana State University and A&M College – 62, 65, 72, 79, 81, 87, 90, 94, 98, 08
Louisiana Tech University – 66, 77, 82, 89, 92, 97, 07

McNeese State University – 88
University of Memphis – (Southeast) 78, 90; (Deep South) 06
University of Mississippi – 04
Mississippi State University – 01, 11
University of New Orleans – 86, 91, 00, 10
Southern University and A&M College – 83, 02, 13
University of Tennessee at Martin – 12

Great Lakes Conference

Bradley University – 72, 81, 00, 12
University of Evansville – 03, 08
University of Illinois at Chicago – 98, 05
University of Illinois at Urbana-Champaign – 80, 84, 91, 96, 01

Illinois Institute of Technology – 70, 83, 05
Indiana University/Purdue University-Fort Wayne
Marquette University – 73, 86, 94, 02
Milwaukee School of Engineering – 94, 04
Northwestern University – 82
University of Notre Dame – 65, 74, 82, 85, 09
Purdue University at West Lafayette – 66, 75, 76, 87, 93, 97, 07
Purdue University Calumet
Rose-Hulman Institute of Technology – 68, 79, 88, 10
University of Southern Indiana
Trine University – 69, 13
Valparaiso University – 71
University of Wisconsin-Madison – 92, 95, 99, 06
University of Wisconsin-Milwaukee – 94, 11

Metropolitan Conference
BS Abdur Rahman University
City College of New York, CUNY – 72, 77, 92
College of New Jersey
Columbia University – 56, 85, 96, 01, 05
Cooper Union – 64, 81, 93
Fairleigh Dickinson University – 10, 11
Hofstra University – 88
Manhattan College – 86
Nassau Community College
New Jersey Institute of Technology – 79, 87, 97, 00
New York City College of Technology CUNY – 04, 07, 12
Polytechnic Institute of New York University – 69, 91, 08 (co-host), 09, 13
Princeton University
Rowan University – 03
Rutgers, The State University of New Jersey – 98, 99, 06
Stevens Institute of Technology – 68, 83, 94, 95, 08 (co-host)

Mid-Atlantic Conference
Bucknell University – (Penn-Del) 55, 65, 77
University of Delaware – (Penn-Del) 60, 71;
(Mid-Atlantic) 09
Drexel University – (Penn-Del) 64, 79, 81, 83, 01, 03; (Mid-Atlantic) 11
Johns Hopkins University – (Maryland-DC) 86, 92, 95, 99; (Mid-Atlantic) 05
Lafayette College – (Penn-Del) 58, 68, 78;
(Mid-Atlantic) 08, 12
Lehigh University – (Penn-Del) 61, 72, 82
University of Maryland College Park –
(Maryland-DC) 61, 65, 69, 84, 87, 93;
(Mid-Atlantic) 07
Morgan State University – (Maryland-DC) 00
Pennsylvania College of Technology
Pennsylvania State University-Harrisburg
Pennsylvania State University-University Park – (Penn-Del) 62, 75, 89, 91, 92, 93, 94, 95, 96, 97, 99, 04; (Mid-Atlantic) 10
University of Pittsburgh at Johnstown – (Penn-Del) 02; (Mid-Atlantic) 06, 13
Swarthmore College – (Penn-Del) 66, 80
Temple University – (Penn-Del) 87, 98
United States Naval Academy
Villanova University – (Penn-Del) 63, 76, 84, 00
Widener University – (Penn-Del) 74, 86

Mid-Continent Conference
University of Arkansas – 81, 01, 08
University of Kansas – 47, 54, 64, 83, 89, 97, 07
Kansas State University – 42, 56, 63, 66, 72, 75, 79, 88, 91, 03, 11
Missouri University of Science and Technology – 78, 85, 92, 94, 00
University of Missouri-Columbia – 42, 53, 60, 68, 76, 84, 06
University of Missouri-Kansas City – 93, 98
University of Nebraska-Lincoln – 49, 61, 62, 67, 73, 80, 87, 90, 04, 12
University of Nebraska-Lincoln (Omaha Campus)
University of Oklahoma – 70, 82, 02, 10
Oklahoma State University – 58, 69, 74, 81, 86, 96
Oklahoma State University Institute of Technology
Saint Louis University
Southern Illinois University Carbondale – 94, 99, 09
Southern Illinois University Edwardsville – 05, 13

Mid-Pacific Conference
California State University, Chico – 84, 90, 00, 10
California State University, Fresno – 91, 03
California State University, Sacramento – 75, 87, 97, 05, 11
University of California, Berkeley – 76, 89, 99, 06, 12
University of California, Davis – 71, 81, 92, 01, 08
Hanyang University
Hong Kong University of Science & Technology
Humboldt State University
University of Macau
University of Nevada, Reno – 67, 72, 78, 82, 86, 95, 04, 09
University of the Pacific – 88, 98
San Francisco State University
San Jose State University – 79, 85, 94, 07 (co-host), 13 (co-host)
Santa Clara University – 66, 83, 93, 02, 07 (co-host), 13 (co-host)
Stanford University – 66, 80, 96
Tongji University
Tsinghua University

Midwest Conference
Dordt College
University of Iowa – 63, 70, 78, 85, 94, 01, 08
Iowa State University – 57, 66, 91, 99, 05, 13
Lakehead University
Minnesota State University, Mankato – 07
University of Minnesota – 56, 61, 69, 77, 84, 90, 97, 04, 12
University of North Dakota – 58, 67, 75, 82, 88, 00, 11
North Dakota State University – 55, 65, 73, 81, 87, 93, 02, 09
South Dakota State University – 60, 68, 76, 83, 89, 94, 96, 03, 10
University of Wisconsin-Platteville – 71, 74, 79, 86, 92, 95, 98, 06

New England Conference
Central Connecticut State University
University of Connecticut – 72, 78, 84, 96, 07
University of Hartford – 92, 99
University of Maine – 68, 75, 81, 87, 94, 06
University of Massachusetts Amherst – 61, 73, 79, 90, 03, 12
University of Massachusetts Dartmouth
Massachusetts Institute of Technology – 56, 13
Merrimack College – 69
University of New Hampshire – 57, 65, 76, 82, 95, 08
University of New Haven
Northeastern University – 60, 71, 86, 01, 05
Norwich University – 62, 89
University of Rhode Island – 64, 74, 80, 85, 93, 04
Roger Williams University
Tufts University – 67, 91, 02, 10
United States Coast Guard Academy
University of Vermont – 58, 77, 83, 98
Wentworth Institute of Technology – 09
Worcester Polytechnic Institute

North Central Conference
Calvin College
Case Western Reserve University – 58, 85
University of Detroit-Mercy – 59, 67, 78, 88
Lawrence Technological University – 86, 93, 98, 03, 09
University of Michigan – 56, 65, 73, 82, 95, 00, 05, 11
Michigan State University – 55, 62, 70, 80, 90, 92, 97, 02, 08
Michigan Technological University – 96, 01, 07, 13
Ohio Northern University – 60, 68, 81, 91, 06, 12
University of Toledo – 63, 71, 87
Wayne State University – 64, 72, 84, 89
Western Michigan University – 10

Ohio Valley Conference
University of Akron – (North Central) 69, 75, 83, 94, 99, 04, 11
Carnegie Mellon University
University of Cincinnati – 64, 70, 76, 82, 90, 94, 05
Cincinnati State Technical & Community College – 06
Cleveland State University – 98, 13
University of Dayton – 63, 67, 73, 79, 83, 89, 93, 00
Geneva College
University of Kentucky – 66, 72, 84, 91, 96, 99, 03, 10
University of Louisville – 62, 69, 88
Ohio State University – 61, 68, 74, 81, 95, 01, 07
Ohio University – 65, 71, 80, 92, 97
University of Pittsburgh – 04, 12
Point Park University
Stark State College of Technology
Western Kentucky University – 02, 09
Youngstown State University – 85, 94, 08
## Pacific Northwest Conference
- University of Alaska Anchorage – 97, 11
- University of Alaska Fairbanks – 07
- Boise State University – 03
- University of British Columbia
- Gonzaga University – 89, 00
- University of Idaho – 65, 72, 80, 90, 02
- Idaho State University – 01
- Montana State University – 63, 68, 74, 84, 94, 09 (co-host)
- Montana Tech of the University of Montana – 05
- Oregon Institute of Technology – 94, 04
- Oregon State University – 56, 60, 64, 70, 77, 85, 95, 13
- University of Portland – 88, 99
- Portland State University – 81, 91, 08
- Saint Martin’s University – 69, 75, 83, 92, 06
- Seattle University, 12 (co-host)
- Walla Walla University – 82, 93
- University of Washington – 55, 64, 67, 79, 87, 98, 12 (co-host)
- Washington State University – 62, 65, 76, 86, 96, 10

## Pacific Southwest Conference
- University of Arizona – 71, 74, 76, 89, 00
- Arizona State University – 61, 85, 03
- California Baptist University
- California Institute of Technology
- California Polytechnic State University, San Luis Obispo – 87, 90, 04
- California State Polytechnic University, Pomona – 72, 79, 87, 96, 12
- California State University, Fullerton – 82, 91, 05
- California State University, Long Beach – 75, 88, 01
- California State University, Los Angeles – 11
- California State University, Northridge – 93, 08
- University of California, Irvine – 86, 02
- University of California, Los Angeles – 92, 06
- University of California, San Diego – 07
- University of Hawaii at Manoa – 94, 09
- Loyola Marymount University – 73, 97, 13
- University of Nevada, Las Vegas – 95, 10
- Northern Arizona University – 80
- San Diego State University – 60, 83, 98
- University of Southern California – 81, 99

## Rocky Mountain Conference
- Brigham Young University – 73, 81, 90, 00, 09
- University of Colorado at Boulder – 56, 63, 70, 80, 89, 98, 07
- University of Colorado at Denver – 86, 95
- Colorado School of Mines – 99, 08
- Colorado State University – 59, 68, 77, 85, 94, 04
- Colorado State University-Pueblo
- Metropolitan State College of Denver
- University of New Mexico – (Rio Grande) 68, 69, 70, 75, 76, 79, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 00
- New Mexico Institute of Mining and Technology
- New Mexico State University – (Rio Grande) 65, 67, 71, 72, 74, 77, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 01, 03; (Rocky Mountain) 10
- Salt Lake Community College
- South Dakota School of Mines & Technology – 55, 62, 69, 78, 88, 97, 06
- United States Air Force Academy – 74, 82, 91, 01, 11
- University of Utah – 58, 64, 71, 79, 87, 93, 96, 05, 13
- Utah State University – 54, 61, 67, 76, 84, 03
- University of Wyoming – 57, 75, 83, 92, 02, 12

## Southeast Conference
- Alabama A&M University
- University of Alabama-Birmingham – 99
- University of Alabama-Huntsville
- University of Alabama-Tuscaloosa – 84, 94, 05
- Auburn University – 78, 01, 10
- University of Central Florida – 87, 97, 08
- Embry-Riddle Aeronautical University
- Florida Institute of Technology
- Florida Institute of Technology
- Florida Institute of Technology
- Florida State University – 99, 00, 03 (co-host)
- Florida State University – 03, 13 (co-host)
- Georgia Southern University
- Lipscomb University
- University of Miami – 69, 76, 89, 13 (co-host)
- University of North Florida
- Polytechnic University of Puerto Rico
- University of Puerto Rico, Mayaguez Campus
- Savannah State University
- University of South Alabama
- University of South Florida – 04
- Southern Polytechnic State University
- University of Tennessee at Chattanooga
University of Tennessee at Knoxville – 62, 67, 80, 86, 96, 07
Tennessee State University

Tennessee Technological University – 70, 71, 00, 11
Vanderbilt University – 61, 71, 77, 88, 98, 09

Texas-Mexico Conference

Universidad de las Americas, Puebla
Universidad Autonoma Del Estado De Mexico
University of Houston – 62, 68, 71, 97
Lamar University – 74, 86, 96, 06, 08
Universidad LaSalle
Universidad LaSalle Cuernavaca
Prairie View A&M University – 93
Rice University – 62
Southern Methodist University
Texas A&M University – 80, 99, 11
Texas A&M University-Kingsville – 78, 83, 88, 94, 98, 03, 09, 13

Upstate New York Conference

Broome Community College
University at Buffalo, The State University of New York – 69, 70, 81, 87, 94, 98, 04, 09
Clarkson University – 60, 75, 76, 84, 91, 96, 05, 12 (co-host)
Cornell University – 58, 65, 79, 85, 92, 99, 07
École de technologie supérieure – 11
École Polytechnique de Montréal
Hudson Valley Community College

University of Texas at Arlington – 69, 72, 77, 81, 82, 84, 87, 92, 02, 07 (co-host)
University of Texas at Austin – 73, 75, 79, 85, 90, 00, 05, 10
University of Texas at El Paso – (Rio Grande) 02
University of Texas at San Antonio – 91, 01, 12
University of Texas at Tyler – 07 (co-host)
Texas Tech University
University of Texas-Pan American
West Texas A&M University

Virginias Conference

Bluefield State College
Catholic University of America – (Maryland-DC) 60, 64, 80, 89, 96, 98, 03; (Virginias) 10
University of District of Columbia-Van Ness Campus – (Maryland-DC) 91
Fairmont State University – 08 (co-host)
George Mason University
George Washington University – (Maryland-DC) 62, 71, 88, 94, 98, 01
Howard University – (Maryland-DC) 58, 63, 76, 85, 90, 97, 02, 13
Marshall University
Old Dominion University – 66, 70, 75, 80, 85, 91, 97, 03, 09
University of Virginia – 59, 62, 65, 69, 73, 78, 83, 89, 95, 01, 06
Virginia Military Institute – 58, 61, 64, 68, 72, 77, 82, 88, 94, 00, 07
Virginia Polytechnic Institute & State University – 60, 63, 67, 71, 76, 81, 87, 93, 99, 05, 12
West Virginia University – 86, 92, 98, 04, 11
West Virginia University Institute of Technology – 74, 79, 84, 90, 96, 02, 08 (co-host)
MEMBER COMMUNITIES

ASCE’s member communities, including Section and Branch members, younger members and student members, are offered member support, engagement, and communication through the Member Communities Committee and constituent committees listed on the following pages. For more information about the work of these groups, contact:

**Member Communities Committee**
Carol W. Bowers, PG, CAE, AFF.M.ASCE (703) 295-6352

**Committee on Student Members**
Leslie D. Payne, AFF.M.ASCE, (703) 295-6364

**Committee on Younger Members**
Leslie D. Payne, AFF.M.ASCE, (703) 295-6364

**Leader Training Committee**
Nancy E. Berson, AFF.M.ASCE (703) 295-6010
MEMBER COMMUNITIES COMMITTEE

CHARGE: The Member Communities Committee shall be responsible for member support, engagement, and communication. The Member Communities Committee shall provide support and oversight to the Society’s Geographic Units.

Charles (Chuck) W. Black Jr., P.E., M.ASCE, Chair
Anni H. Autio, P.E., M.ASCE
Himansu K. Banerjee, Ph.D., P.E., M.ASCE
Eric S. Czerniewski, P.E., M.ASCE
John A. Frauenhoffer, P.E., S.E., M.ASCE
Jay H. Higgins, P.E., M.ASCE
Irwin R. Martin Jr., P.E., F.ASCE
Genaro Mejia, P.E., M.ASCE
Dale A. Nelson, P.E., F.ASCE
Craig E. Quadrato, P.E., M.ASCE
Paul A. Voiles, P.E., M.ASCE
Renee C. Whittenberger, P.E., M.ASCE
Carol W. Bowers, P.G., CAE, ENV SP, Aff.M.ASCE, ASCE Staff

Corresponding Member
Lauren J. Swett, P.E., M.ASCE

Committee on Student Members

CHARGE: The Committee on Student Membership shall provide for the development and engagement of students through activities and programs that enhance the formal education process and the transition of Student Members into the profession as ASCE members.

William P. Manion, P.E., M.ASCE, Chair
M. Brett Borup, Ph.D., P.E., M.ASCE
Angela D. Duncan, P.E., M.ASCE
Brian E. Meluch, M.ASCE
Anthony L. Palmer, P.E., M.ASCE
Craig E. Quadrato, Ph.D., P.E., M.ASCE
Kenneth A. Rainwater, Ph.D., P.E., M.ASCE
Blake A. Turner, A.M.ASCE
Robert B. Turner, P.E., F.ASCE
Jeffery S. Volz, D.Eng., P.E., S.E., M.ASCE
Leslie D. Payne, Aff.M.ASCE, ASCE Staff

Contact

Corresponding Members

Kyle Anderson, P.E., M.ASCE
John D. Brew, P.E., M.ASCE
Kelly A. Doyle, P.E., M.ASCE
Jesse D. Jefferson, P.E., M.ASCE
Lindsay M. Kaufmann, P.E., M.ASCE
Natalie Owen, P.E., M.ASCE
James B. Radion, P.E., M.ASCE
Janille Smith-Colin, P.E., M.ASCE
Inna Tasmaly, EIT, A.M.ASCE
Leslie D. Payne, Aff.M.ASCE, ASCE Staff

Contact

Committee on Younger Members

CHARGE: The Committee on Younger Members shall focus on matters of the professional development of civil engineers 35 years of age and younger, and facilitate their engagement with, and participation in, society.

Serge M. Haddad, P.E., M.ASCE, Chair
Justin M. Arndt, P.E., M.ASCE
Kristin C. Atkins, P.E., M.ASCE
Jeremy A. Clurzan, P.E., M.ASCE
Kristen M. Kaufmann, P.E., M.ASCE
Kyle Twitchell, P.E., M.ASCE
Renee C. Whittenberger, P.E., M.ASCE

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Anni H. Autio, P.E., M.ASCE
Christina R. Casole, P.E., M.ASCE
Leonard Cilli, A.M.ASCE
Christopher R. Garlick, P.E., PMP, M.ASCE
Shawn P. Kelley, Ph.D., P.E., M.ASCE
Sandra N. Knight, P.E., F.ASCE
Tony C. Lau, P.E., F.ASCE
Sean P. Merrell, P.E., PTOE, M.ASCE
Jason F. Waterbury, P.E., M.ASCE
Melissa S. Wheeler, A.M.ASCE
Lisa S. Woods, P.E., F.SEI, M.ASCE

Leader Training Committee

CHARGE: The Leader Training Committee shall be responsible for the coordination and delivery of leader training and development for the Society.

Michael H. Wenning, P.E., F.ASCE, Chair
Ron E. Iwamoto, M.ASCE, P.E.
Douglas D. Knapp, P.E., M.ASCE
Gregory J. Kuklinski, P.E., M.ASCE
Irwin R. Martin Jr., P.E., F.ASCE
Norma J. Mattei, Ph.D., P.E., F.SEI, M.ASCE
Arlan H. Rippe, P.E., G.E., D.GE, F.ASCE
Marie A. Stamm, P.E., M.ASCE
Donald G. Wittmer, P.E., M.ASCE
Nancy E. Berson, Aff.M.ASCE, ASCE Staff

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Christina R. Casole, P.E., M.ASCE
Leonard Cilli, A.M.ASCE
Christopher R. Garlick, P.E., PMP, M.ASCE
Shawn P. Kelley, Ph.D., P.E., M.ASCE
Sandra N. Knight, P.E., F.ASCE
Tony C. Lau, P.E., F.ASCE
Sean P. Merrell, P.E., PTOE, M.ASCE
Jason F. Waterbury, P.E., M.ASCE
Melissa S. Wheeler, A.M.ASCE
Lisa S. Woods, P.E., F.SEI, M.ASCE
PUBLIC POLICY

The public policy goal of ASCE is to serve the public and the engineering profession by:

- Advocating for the Society’s strategic goal of enhancing infrastructure and environmental stewardship to protect the public health and safety and improve the quality of life.
- Promoting engineering excellence through public policy activities.
- Developing public policy positions on civil engineering issues, and developing alternative proposals consistent with the profession’s commitment to public safety.
- Coordinating ASCE members and resources at the local, state and national levels to impact public policy efficiently and effectively.
- Maintaining a quick response capability for short notice issues.
- Undertaking agenda-setting and pro-active public policy activities.
- Educating and assisting public policymakers to better understand the engineering impacts of legislative and regulatory proposals.
- Providing coalition-building leadership in order to increase the impact of ASCE’s public policy positions.
- Building strong coalitions with allied industry associations to speak with a unified voice on issues that affect us all.
- Promoting the understanding and participation of ASCE members in public policy positions.

ASCE Policy Documents

On issues of national concern, ASCE, through action of its Board of Direction, has adopted policy statements or resolutions on many subjects for which the civil engineering profession has expressed concern. This cumulative effort is intended to maintain a substantial reference for any public pronouncements or comments on public issues. As new policies are adopted, their availability is announced to the membership. Copies of any of these can be obtained upon request to ASCE’s Washington office or by visiting ASCE’s web site at http://www.asce.org.

The four ASCE Policy Committees are charged with the duty of overseeing the development and maintenance of ASCE Policy Statements in the general area assigned. Specifically, the committees should be prepared to review policy documents (Policy Statements and Resolutions); consider proposed policies for recommendation to the Public Policy Committee (PPC) by eliciting comments of correlative interests within the Society, comparing with established policies to avoid inconsistency and possible redundancy, judging the legislative and political implications, and revising for clarity, conciseness and style.

Infrastructure Strategic Initiative

ASCE has continued to focus on multiple strategies to increase awareness of the need for infrastructure investment and renewal at all levels of government. Recent initiatives include our series of economic studies connecting infrastructure investment to the U.S. economic outlook, continuing to work with Sections and Branches to release state and regional Infrastructure Report Cards, and the release of our 2013 Report Card for America’s Infrastructure.

Report Card for America’s Infrastructure

Every four years, ASCE releases the Report Card for America’s Infrastructure, grading America’s infrastructure using the format of a school report card to raise awareness about our nation’s infrastructure needs. ASCE began this initiative in 1998, and in March of 2013, the 2013 Report Card for America’s Infrastructure was released as a tablet and phone app that provides a summary of 16 infrastructure areas, a news feed, state infrastructure facts and reports, as well as success stories from across the U.S. The Report Card is one of the most cited reports on infrastructure and is often referenced by political leaders and other organizations as the definitive record of the condition of the nation’s infrastructure.
Additionally, on a rolling basis ASCE also releases State and Regional Infrastructure Report Cards using the same methodology as the nationally focused Report Card. ASCE has released almost 50 State and Regional Infrastructure Report Cards with the leadership of ASCE’s Sections, Branches, and Councils, and more than twenty Report Cards are currently being developed. Full information on the State and Regional Infrastructure Report Cards and the Report Card for America’s Infrastructure is available at www.infrastructurereportcard.org. Find Report Card outreach and presentation materials for use by ASCE members at www.asce.org/Infrastructure/ASCE-Outreach-Toolkit/.

In the lead up to the 2013 Report Card, ASCE also launched a series of economic reports called “Failure to Act: The Impact of Current Infrastructure Investment on America’s Economic Future” These five reports show the economic consequences if we continue to underinvest in our nation’s infrastructure, and the economic gains that could be made by 2020 and 2040 to GDP, personal income, and jobs if we choose to invest in our communities. Read the "Failure to Act" reports at www.asce.org/failuretoact.

ASCE Advocacy & the Key Contact Program

*ASCE Key Contacts make a difference by meeting and making contacts with their elected officials.* Through the Key Contact Program, you can achieve true conversations about issues important to the profession with your elected officials and their staff, and become a trusted advisor when bills are drafted or considered.

Visit http://www.asce.org/keycontacts to learn about and participate in public policy at all levels:

- Read This Week in Washington—weekly e-newsletter delivered to ASCE members
- Research legislation at the federal and state levels (ASCE member login required for access to state legislative tracking system)
- Write elected officials at federal and state levels through the Click & Connect with Congress advocacy website
- New for 2014! Key Contact Action Plan: Step-by-step guides for members to get started developing relationships with lawmakers
- Briefing Conference Call Series—Quarterly calls on timely policy issues of importance to civil engineering
- Back Home Visits—Learn how to make the most of visits with elected leaders close to home
- Legislative Fly-In—Attend this annual program in Washington, DC to learn about issues affecting the profession and carry those messages directly to lawmakers

Join the Key Contact Program today visit http://www.asce.org/keycontacts or contact ASCE’s Washington Office at govwash@asce.org or 202-789-7850
PUBLIC POLICY COMMITTEE

CHARGE: The Public Policy Committee shall coordinate public policy and government relations activities affecting the civil engineering profession and work with allied organizations on matters of mutual interest.

Moustafa A. Gouda, P.E., D.GE, F.ASCE, Chair
Anthony M. Puntin, P.E., F.ASCE, Vice-Chair
Kwame A. Agyare, P.E., M.ASCE
Heidi A. Dexheimer, P.E., M.ASCE
Marsia A. Geldert Murphey, P.E., M.ASCE
Arthur G. Hoffmann Jr., P.E., D.GE, M.ASCE
Amber L. Kauffman, P.E., M.ASCE
Christopher J. Menna, P.E., F.ASCE
Roger M. Millar Jr., P.E., F.ASCE
Peter M. Moore, P.E., F.ASCE
Aaron K. Robinson, P.E., M.ASCE
Jonathan E. Upchurch, Ph.D., P.E., M.ASCE
Brian T. Fallasch, Aff.M.ASCE, ASCE Staff Contact

Energy, Environment and Water Policy Committee

CHARGE: The Energy, Environment and Water Policy Committee shall develop and maintain ASCE policies related to the areas of energy, environment and water.

Pamela C. Creedon, P.E., M.ASCE, Chair
Heather M. Ford, M.ASCE
John W. France, P.E., D.WRE, M.ASCE
Martha F. Juch, P.E., D.WRE, M.ASCE
Justin M. Niedzialek, P.E., M.ASCE
David J. Pruskas, P.E., M.ASCE
Kyle E. Schilling, P.E., D.WRE, Dist.M.ASCE
James G. Soules, P.E., S.E., F.S, F.ASCE
Robert G. Traver, P.E., D.WRE, F.EWRI
M.ASCE
Michael Charles, Aff.M.ASCE, ASCE Staff Contact

Engineering Practice Policy Committee

CHARGE: The Engineering Practice Policy Committee shall develop and maintain ASCE policies related to the area of engineering practice.

Gary A. Parks, P.E., F.ASCE, Chair
Marta Alonso, P.E., M.ASCE
Charles D. Anderson, P.E., M.ASCE
David E. Day, P.E., M.ASCE
David P. Devine, P.E., L.S., M.ASCE
John O. Grieshaber, P.E., S.E., F.S, M.ASCE
Jennifer L. Mustain, P.E., M.ASCE
Lawrence D. Pierce, P.E., M.ASCE
Thomas S. Slater, P.E., M.ASCE
Martin Hight, ASCE Staff Contact

Infrastructure and Research Policy Committee

CHARGE: The Infrastructure and Research Policy Committee shall develop and maintain ASCE policies related to the areas of infrastructure and research.

Fernando Pons, P.E., M.ASCE, Chair
James W. Bryant Jr., Ph.D., P.E., M.ASCE
Andrew D. Cohn, P.E., M.ASCE
Kevin M. Ford, A.M.ASCE
Patricia Frayre, P.E., A.M.ASCE
J. David Frost, Ph.D., P.E., F.ASCE
Leslie Gertsch, A.M.ASCE
Barbara A. Luke, Ph.D., P.E., D.GE, F.ASCE
Adrienne A. Nikolic, P.E., M.ASCE
Martin Hight, ASCE Staff Contact

Transportation Policy Committee

CHARGE: The Transportation Policy Committee shall develop and maintain ASCE policies related to the area of transportation.

David R. Gehr, M.ASCE, Chair
Allen M. Beene, P.E., F.ASCE
Jeffrey A. Florin, P.E., M.ASCE
Joseph Litvin, P.E., F.ASCE
Matthew M. McDole Jr., P.E., F.ASCE
David B. Peterson, P.E., F.ASCE
Colleen E. Quinn, P.E., M.ASCE
Robert B. Turner, P.E., F.ASCE
Thomas H. Wakeman III, D.Sc, Dist.D.NE, Dist.D.PE, M.ASCE
Caroline M. Sevier, Aff.M.ASCE, ASCE Staff Contact

Corresponding Member
John C. Bennett, P.E., M.ASCE
Committee on America’s Infrastructure

CHARGE: The Committee on America’s Infrastructure shall coordinate all activities related to the Report Card for America’s Infrastructure.

Robert A. Victor, P.E., M.ASCE, Chair
Stephen A. Curtis, P.E., D.PE, M.ASCE, Vice-Chair
Kam K. Movassaghi, Ph.D., P.E., F.ASCE, Vice-Chair
Henry J. Hatch, P.E., D.WRE, D.NE, Dist.M.ASCE
Andrew W. Herrmann, Pres.12.ASCE, P.E., F.S
Charles J. Hookham, P.E., M.ASCE
Otto J. Lynch, F.S, M.ASCE
Brian D. McKeehan, P.E., M.ASCE
Peter S. Merfeld, P.E., M.ASCE
Shelia Montgomery-Mills, P.E., M.ASCE
Kelley S. Neumann, P.E., M.ASCE
Mark B. Ogden, P.E., M.ASCE
Oscar Serrano, P.E., M.ASCE
John P. Sullivan Jr., M.ASCE
Paul C. Taylor, P.E., M.ASCE
Michael J. Wilhelm, P.E., M.ASCE
Emily A. Fishkin, A.M.ASCE, ASCE Staff

Key Contact Committee

CHARGE: The Key Contact Committee oversees the effective use of ASCE members to pursue ASCE’s strategic plan goals.

Jason L. Haeseler, P.E., M.ASCE, Chair
Christyn L. Ferrenbaugh, A.M.ASCE
Aaron M. Frits, P.E., M.ASCE
Gerrad A. Godley, P.E., M.ASCE
William H. Macnair Jr., P.E., M.ASCE
Kenneth B. Morris, P.E., PTOE, M.ASCE
Fareed Pittalwala, P.E., M.ASCE
Maylinn S. Rosales, P.E., M.ASCE
Ellen P. White, P.E., M.ASCE
Leslie Nolen, Aff.M.ASCE, ASCE Staff

State Government Relations Committee

CHARGE: The State and Local Government Relations Committee motivates and assists Sections, State Councils, and Branches to establish, operate and continuously upgrade programs to effectively participate in state and local government legislative activities and State Board of Registration activities that are of significance to the civil engineering profession.

Dale Nelson, P.E., F.ASCE, Chair
David Calabuig, P.E., M.ASCE
Thomas Imholte, P.E., M.ASCE
Roy Merritt, P.E., M.ASCE
Larry Mugler, CP, M.ASCE
Jeffrey Pelto, P.E., M.ASCE
Kenneth Rosenfield, P.E., F.ASCE
Bryan Stevenson, P.E., M.ASCE
Raymond Wilke, P.E., M.ASCE
Aaron Castelo, Aff.M.ASCE, Staff Contact
Adam Gagnon, Aff.M.ASCE, Staff Contact
TECHNICAL ACTIVITIES

Functions/Charges of CTA and Constituent Committees under CTA

The Committee on Technical Advancement (CTA) shall oversee and supervise the technical activities of the Society in collaboration with the Technical Region, the Institutes, and the Academies.

The Committee on Technical Advancement shall consist of up to twelve (12) members with (1) current Director who shall not serve as chair and two (2) members representing Institutes/Technical Region.

General Information

The purpose of each constituent committee is to foster the development and advancement of the science and practice of Civil Engineering, which is the part of engineering involving the interrelationship between the environment and the works of humanity.

The Committee on Technical Advancement (CTA) is a Society committee of the ASCE Board of Direction (BOD) responsible for the supervision of technical activities of the Society not located within the Institutes.

The Constituent Executive Committees (EXCOMs) are under the supervision of CTA and are assigned the task of managing the affairs of their technical committees.

Technical Committees are charged with completing assignments approved by or delegated by the Constituent EXCOM and CTA.

Task Committees under the constituent committees are assigned a specific project for two-year duration.

Statements of purposes for each Constituent Committee and its technical committee are contained on the following pages.

Appointment of Committee Members

1. Executive Committees (EXCOMs). The Constituent Committee EXCOM members are selected from Society members in good standing who have demonstrated an active interest in Constituent Committee activities and who meet other specific criteria of the Constituent Committee. The EXCOM evaluates the background and qualifications of several candidates and approves the nominee submitted by each Constituent Committee EXCOM.

2. Technical, Task and Subcommittees. Recommendations for membership on a committee may come by direct application from a member of the Society, a non-member, the committee chair or by an officer of the Society. Non-members are normally not funded for travel reimbursement to attend committee meetings.

Any request for committee membership should be sent to ASCE headquarters where it will be forward to the proper Constituent Committee EXCOM Chair.

Reference is made to the CTA Handbook for the general provisions.

Committee Structure

Each Committee and Task Committee consists of committee officers and committee members. The control group members of a committee are responsible for organizing and overseeing committee functions and ensuring completion of the committee’s various charges. Committees are permitted to designate up to five control group members. Technical Committees and Task Committees within Constituent Committees are limited, by CTA policy, to no more than five control group members. The EXCOM contact member serves as the liaison between Constituent Committee Technical and Administrative Committees and the EXCOM.

Establishing New Committees

Requests to establish new committees may be initiated by individual Constituent Committee EXCOM members, existing Technical Committees, or may arise from outside sources. All requests must be approved by the Constituent Committee EXCOM. Requests submitted to the Constituent Committee EXCOM must include a statement of purpose, a listing of proposed committee officers, a proposed budget, and a detailed description of the proposed committee functions and submitted to CTA for approval.
ASCE Technical Activities Organization

ASCE Board of Direction

Committee on Technical Advancement (CTA)

CTA Committees

Budget Implementation Subcommittee
Specialty Conference Subcommittee

CTA Constituent Committees
Aerospace Division
Committee on Codes and Standards
Committee on Critical Infrastructure
Council on Disaster Risk Management
Energy Division
Geomatics Division
Pipelines Division
Task Committee on Adaptation to Climate Change
Technical Council on Cold Regions Engineering
Technical Council on Computing and Information Technology
Technical Council on Forensic Engineering
Technical Council on Lifelines Earthquake Engineering
Technical Council on Wind Engineering
Staff Support

Staff support is provided to each of the Constituent Committees by an assigned Staff Contact. For specific information about the work of these groups, contact:

**Committee on Technical Advancement**
Staff Contact: James Rossberg, P.E., M.ASCE (703) 295-6196
Staff Contact: John Segna, P.E., BCEE, M.ASCE (703) 295-6166

**Aerospace Division**
Staff Contact: Tenzing Barshee (703) 295-6115

**Committee on Codes and Standards**
Staff Contact: Paul Sgambati (703) 295-6297

**Committee on Critical Infrastructure**
Staff Contact: Catherine Tehan (703) 295-6026

**Cold Regions Engineering, Technical Council on**
Staff Contact: Frank Kim (703) 295-6160

**Computing and Information Technology, Technical Council on**
Staff Contact: Brian Sien (703-295-6314)

**Disaster Risk Management, Council on**
Staff Contact: Catherine Tehan (703) 295-6026

**Energy Division**
Staff Contact: Barbara Whitten, M.ASCE (703) 295-6083

**Forensic Engineering, Technical Council on**
Staff Contact: Tenzing Barshee (703) 295-6115

**Geomatics Division**
Staff Contact: Barbara Whitten, M.ASCE (703) 295-6083

**Lifeline Earthquake Engineering, Technical Council on**
Staff Contact: Catherine Tehan (703) 295-6026

**Pipeline Division**
Staff Contact: Tenzing Barshee (703) 295-6115

**Wind Engineering, Council on**
Staff Contact: Barbara Whitten, M.ASCE (703) 295-6083

**Committee on Adaptation to Changing Climate**
Staff Contact: Barbara Whitten, M.ASCE (703) 295-6083
COMMITTEE ON TECHNICAL ADVANCEMENT

CHARGE: The Committee on Technical Advancement shall collaborate with the Technical Region, the Institutes and the Academies on the technical activities of the Society.

Robert E. Bachman, P.E., S.E, F.SEI, M.ASCE, Chair
James H. Anspach, M.ASCE
Billy Edge, Ph.D., P.E., D.CE, Dist.M.ASCE
Ronald E. Smith, Ph.D., P.E., D.GE, M.ASCE
Michael T. Stift, P.E., M.ASCE
Christine Andersen, P.E., M.ASCE

Patrick J. White, P.E., M.ASCE
Jon E. Zufelt, Ph.D., P.E., M.ASCE
James A. Rossberg, P.E., F.S, M.ASCE, ASCE Staff Contact
John J. Segna, P.E., M.ASCE, ASCE Staff Contact

Robert E. Bachman, P.E., S.E., F.SEI, M.ASCE
Billy Edge, Ph.D., P.E., D.CE, Dist.M.ASCE
Michael T. Stift, P.E., M.ASCE

Jon E. Zufelt, Ph.D., P.E., M.ASCE
John J. Segna, P.E., M.ASCE, ASCE Staff Contact

Budget Implementation Subcommittee

Michael T. Stift, P.E., M.ASCE
Patrick J. White, P.E., M.ASCE
Jon E. Zufelt, Ph.D., P.E., M.ASCE

John J. Segna, P.E., M.ASCE, ASCE Staff Contact

COMMITTEE ON ADAPTATION TO A CHANGING CLIMATE

Purpose: To evaluate the technical requirements and civil engineering challenges for adaptation to climate change. Based on the results of the evaluation, response activities may be planned in the CTA Divisions and Technical Councils, the Institutes and other elements of ASCE involving programs for adaptation to climate change. These activities may include research and development related to climate change and its effects on the safety, health and welfare of the public as it interfaces with civil engineering infrastructure. The research may lead to the establishment of appropriate standards, loading criteria and evaluation and design procedures for buildings and other structures, coastal, river and port facilities, communications, dams, earthworks and foundations, energy generation and transmission, storm water, transportation, water supply and sewage treatment.

Ted Vinson, Ph.D., P.E., M.ASCE, Chair
Bilal Ayyub, Ph.D., P.E., F.ASCE
Ana Barros, P.E., M.ASCE
Brian Beaulier, P.E., M.ASCE
Darrel Danylik, P.E., M.ASCE
Greg Gaston
Hank Hatch, P.E., NAED, WRE, D.NE, Dist.M.ASCE
Miriam Heller, Ph.D., M.ASCE
Robert K. Hyman
Robert Kalafenos
Nir Krakauer, Ph.D., A.M.ASCE
Wayne Lei
Marcelo Lippman
Franklin Lombardo
Jay R. Lund

Miguel Medina, Ph.D., F.ASCE
Michael D. Meyer
Duane Miller, M.ASCE
Jose Nieto
J. Rolf Olsen
Tim Reinhold, P.E., M.ASCE
Orson P. Smith, P.E., DCE, DPE
Joel Smith
Eugene Z. Stakhiv, Ph.D.
Jonathan Tan, A.M.ASCE
Dan Walker, Ph.D., A.M.ASCE
Richard Wright, Ph.D., P.E., NAE, Dist.M.ASCE
Jon Zufelt
Monica Starnes, M.ASCE, Corresponding Member
AEROSPACE DIVISION

(Authorized April 20, 1971)

Purpose: The Aerospace Division incubates advanced and emerging technologies and promotes their transfer to civil engineering applications. In addition, it applies the art of civil engineering to the exploration and development of the space frontier and other extreme environments. This is accomplished by interaction with other ASCE units and other professional organizations through forums and educational initiatives and publications.

Executive Committee

CHARGE: The Aerospace Division Executive Committee shall oversee the activities of the Aerospace Division.

Pizhong Qiao, Ph.D., P.E., F.ASCE, Chair
Robert P. Mueller, A.M.ASCE, Vice Chair
Leslie Gertsch, A.M.ASCE, Past Chair
Henry John Koppelman, A.M.ASCE

Representative

Tenzing Barshee, ASCE Staff

Awards

Purpose: to make recommendations to the Executive Committee for nominees for all Society awards.

Leslie Gertsch, A.M.ASCE, Chair
Krzysztof Zacny, P.E., M.ASCE, Vice-Chair
Larry Toups

Wieslaw K. Binienda, Ph.D., F.ASCE

Editorial Board

Purpose: to review, pre-edit and select papers for publication in the field of Aerospace Engineering and technology transfer between civil engineering and aerospace and to assist the Awards and Executive Committees in the evaluation of papers for awards.

Wieslaw K. Binienda, Ph.D., F.ASCE, Journal Editor
Hojjat Adeli, Ph.D., Dist.M.ASCE
Zdenek P. Bazant, Ph.D., S.E., F.EMI, Hon.M.ASCE
Haym Benaroya, Ph.D., P.E.
Gautam Dasgupta, Ph.D.
Raphael T. Hafika
George W. Housner, Hon.M.ASCE
Wilfred D. Iwan, Ph.D., F.EMI, Dist.M.ASCE
Stewart W. Johnson, P.E., F.ASCE
Nicholas P. Jones, Ph.D., F.EMI, M.ASCE
Manohar P. Kamat, Ph.D.
Narendra S. Khot
George Leitmann

Ramesh B. Malla, Ph.D., M.ASCE
Angelo Miele
Ahmed K. Noor, P.E., F.ASCE
Irving J. Oppenheim, Ph.D., P.E., M.ASCE
Anthony N. Palazotto, Ph.D., P.E., F.ASCE
Marek-Jerzy Pindera
Robert F. Seedlock, Hon.M.ASCE
Robert F. Seedlock, Hon.M.ASCE
Masanobu Shinozuka, Ph.D., P.E., F.EMI, Dist.M.ASCE
Pol D. Spanos, Ph.D., P.E., F.EMI, F.ASCE
Theodore Stathopoulos, Ph.D., P.E., FEMI, F.ASCE
Stein Sture, Ph.D., F.EMI, Hon.D.GE, Dist.M.ASCE
Firdaus E. Udwadia, M.ASCE

Technical Committee

Dynamics and Controls

Purpose: to promote research and technology transfer in the areas of structural dynamics, controls and smart structures as related to terrestrial and extraterrestrial applications in aerospace and civil engineering structures.

Gangbing Song, Chair
Gautam Dasgupta, Ph.D.
Efthymios T. Delis, Ph.D.
Kirk W. Dotson

Sathy V. Hanagud
Narendra S. Khot
Sankaran Mahadevan, Ph.D., M.ASCE
John Main
Regolith Operations, Mobility and Robotics

Purpose: to develop the vote of the civil engineer in sensing and robotic technologies for application in construction; space operations; condition sensing assessment and monitoring; site exploration, improvement and resource extraction.

Rob Mueller, Chair

Advanced Materials and Structures

Purpose: To promote invention, dissemination and transfer of technology on advanced composite materials and structures for aerospace and civil engineering applications including analytical and experimental endeavors.

Pizhong Qiao, Ph.D., P.E., F.ASCE, Chair

SDM Conference Committee

PURPOSE: The purpose of the committee will be: To coordinate all activities of the Society in the sponsorship of the annual AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials (SDM) Conferences; to act as the Society’s liaison with other co-sponsoring organizations; to participate in the planning of SDM Conferences; and to select Society members to serve as the SDM Conference General and Technical Chairs and form the nucleus of Society members through which ASCE sponsorship of SDM Conferences can be performed in those years which the Society acts as General and/or Technical Conference Chairs(s).
TECHNICAL COUNCIL ON COLD REGIONS ENGINEERING

(Authorized July 20, 1979)

Purpose: To identify, assess and report effects of cold region environment upon engineering design, construction and operations and to make recommendations for advancement of scientific knowledge and practice in engineering solution of cold region problems.

Executive Committee

CHARGE: The Technical Council on Cold Regions Engineering Executive Committee shall oversee the activities of the Technical Council on Cold Region Engineering.

**Chair**
- Steve Daly, Ph.D., P.E., D.WRE, M.ASCE
- Maureen A. Kestler, Aff.M.ASCE, Vice Chair
- Ted S. Vinson, Ph.D., P.E., M.ASCE, Past Chair

**Secretary**
- Mark Musial, P.E., M.ASCE

**Vice Chair**
- David J. Prusak, P.E., M.ASCE

**Past Chair**
- Frank Kim, Aff.M.ASCE, ASCE Staff Contact

Awards Committee

Purpose: To recommend recipients for all Society awards to the Executive Committee.

**Chair**
- Jay B. Bergman, A.M.ASCE

**Vice Chair**
- Dave Esch, P.E., L.S., M.ASCE

**Past Chair**
- Joel D. Ulring, P.E., M.ASCE

Program Committee

Purpose: to plan and publicize sessions for national meetings, specialty conferences and state and regional meetings having cold regions engineering significance.

**Chair**
- John J. Hinzmann, P.E., M.ASCE

**Vice-Chair**
- Robert D. Lisi, P.E., M.ASCE

**Secretary**
- Steven F. Daly, Ph.D., P.E., D.WRE, M.ASCE

**Past Chair**
- Philip A. Dunn Jr., P.E., M.ASCE
- Maureen A. Kestler, Aff.M.ASCE
- Thomas G. Krzewinski, P.E., D.GE, F.ASCE

**Journal Editor & Chair**
- Jon E. Zufelt, Ph.D., P.E., M.ASCE

Publications Committee

Purpose: To review manuscripts, technical notes and discussions submitted to the Council for publication in the and to be responsible for the publication of papers sponsored by the Council.

**Journal Editor & Chair**
- Jon E. Zufelt, Ph.D., P.E., M.ASCE

**Associate Editor**
- Guy Dore, Ph.D., M.ASCE
- Thomas G. Krzewinski, P.E., D.GE, F.ASCE
- V. R. Sivan Parameswaran, Ph.D., P.Eng, M.ASCE

Structures and Foundations Committee

Purpose: To identify, compile, evaluate, summarize, and disseminate information and research needs on structures and foundations in cold regions or other environments, where below freezing temperatures may occur for a significant period of time.

**Chair**
- Edward Yarmak Jr., P.E., M.ASCE

**Vice-Chair**
- Edwin S. Clarke, P.E., F.ASCE

**Secretary**
- John D. Thornley, P.E., M.ASCE

**Past Chair**
- Lynette A. Barna, Aff.M.ASCE
- Billy G. Connor, P.E., M.ASCE
- Jeremiah Drage, P.E., M.ASCE
- Thomas G. Krzewinski, P.E., D.GE, F.ASCE
- Duane L. Miller, M.ASCE

**Past Chair**
- Mark Musial, P.E., M.ASCE

**Past Chair**
- V. R. Sivan Parameswaran, Ph.D., P.Eng

**Past Chair**
- Rupert G. Tart Jr., DGE, GE

**Past Chair**
- Amy C. Thorson, P.E., M.ASCE

**Past Chair**
- Joel D. Ulring, P.E., M.ASCE

**Past Chair**
- Zhaohui Yang, Ph.D., P.E., M.ASCE

**Past Chair**
- Frank Kim, Aff.M.ASCE, ASCE Staff Contact
Frozen Ground

Purpose: To encourage development of new scientific and engineering knowledge of freezing and thawing of soil-water systems and permanently frozen ground and to foster dissemination of this knowledge.

Sally A. Shoop, P.E., M.ASCE, Chair
Jeremiah Drage, P.E., M.ASCE, Secretary
Lynette A. Barna, Aff.M.ASCE
Edwin S. Clarke, P.E., F.ASCE
Guy Doré
Maureen A. Kestler, Aff.M.ASCE
Thomas G. Krzewinski, P.E., D.GE, F.ASCE

Thomas G. Krzewinski, P.E., D.GE, F.ASCE
Mark R. Musial, P.E., M.ASCE
David J. Prusak, P.E., M.ASCE
Zhao-Hui Yang, Ph.D., P.E., M.ASCE
Edward Yarmak Jr., P.E., M.ASCE
Hannele K. Zubeck, Ph.D., P.E., M.ASCE
Frank Kim, Aff.M.ASCE, ASCE Staff Contact

Environmental and Public Health Engineering

Purpose: Identify, compile, evaluate, summarize and disseminate information and research needs on environmental and public health engineering in cold regions or other environments where below freezing temperatures may occur for a significant period of time.

Aaron D. Dotson, P.E., A.M.ASCE, Chair
Anna Lankford Burwash, M.ASCE
David J. Prusak, P.E., M.ASCE
Steven V. Rose, P.E., D.WRE, M.ASCE, P.Eng
William L. Ryan, Ph.D., P.E., L.S., M.ASCE

William Schnabel
Craig R. Woolard, A.M.ASCE
Jon E. Zufelt, Ph.D., P.E., M.ASCE
Frank Kim, Aff.M.ASCE, ASCE Staff Contact

Hydrology and Hydraulics

Purpose: Identify, compile, evaluate, summarize and disseminate information and research needs on hydrology and hydraulics, in cold regions or other environments, where below freezing temperatures may occur for a significant period of time. To promote implementation of research findings with respect to their utilization in practice.

Steven F. Daly, Ph.D., P.E., D.WRE, M.ASCE, Chair
Jay B. Bergman, A.M.ASCE
Robert Carlson
Douglas Kane, Ph.D., P.E., M.ASCE

Hung Tao Shen, Ph.D., M.ASCE
John R. Woodworth, P.E., M.ASCE
Jon E. Zufelt, Ph.D., P.E., M.ASCE
Frank Kim, Aff.M.ASCE, ASCE Staff Contact

Transportation and Infrastructure

Purpose: Provide a forum for developing and sharing engineering research results found relevant to a sustainable transportation infrastructure in freezing, thawing and frozen environments.

William S. Guthrie, Ph.D., M.ASCE, Chair
Robert D. Lisie, P.E., M.ASCE, Vice-Chair
Heather Miller, P.E., M.ASCE, Secretary
Rosa T. Affleck, Aff.M.ASCE
Lynda L. Barber-Wiltsie, P.E., M.ASCE
Lynette A. Barna, Aff.M.ASCE
Billy G. Connor, P.E., M.ASCE
Philip A. Dunn Jr., P.E., M.ASCE
Maureen A. Kestler, Aff.M.ASCE
Thomas G. Krzewinski, P.E., D.GE, F.ASCE
Caroline Pedersen, P.E., M.ASCE

David J. Prusak, P.E., M.ASCE
Stephan K. Saboundjian, Ph.D., P.E., M.ASCE
Bradford P. Scott Jr., P.E., M.ASCE
Sally A. Shoop, P.E., M.ASCE
Rupert G. Tart Jr., D.GE, GE
Howard P. Thomas, P.E., F.ASCE
Joel D. Ulring, P.E., M.ASCE
Benjamin J. Worel, P.E., M.ASCE
Zhaohui Yang, Ph.D., P.E., M.ASCE
Hannele K. Zubeck, Ph.D., P.E., M.ASCE

TECHNICAL COUNCIL ON COMPUTING AND INFORMATION TECHNOLOGY

Executive Committee

Purpose: To advance professional knowledge and improve the practice of civil engineering by encouraging the effective use of current and emerging computing and information technologies.
Administrative Committees

Purpose: To provide the Executive Committee with advice on awards in which the Council has an interest.

Awards Committee

Purpose: To provide the Executive Committee with advice on awards in which the Council has an interest.

J. P. Mohsen, Chair
Renate Fruchter, M.ASCE

Education Committee

Purpose: To study and promote educational uses of computers in the field of civil engineering; to promote the exchange of information regarding computer methods within the civil engineering profession; to recommend to the Society those computer-related activities that will promote the educational objectives of colleges and universities; to actively coordinate efforts with the PAC Education Committee.

Renate Fruchter, Ph.D., M.ASCE, Chair
Ivan A. Mutis, Ph.D., A.M.ASCE, Vice-Chair
Hazar Y. Dib, Ph.D., A.M.ASCE, Secretary
Tomasz Arciszewski, Ph.D., A.M.ASCE
Burcin Becerik-Gerber, D.Eng., A.M.ASCE
Albert Y. Chen
Jack C. Cheng, A.M.ASCE
Omar H. El-Anwar, A.M.ASCE
Nora M. El-Gohary, A.M.ASCE
David J. Gerber, Ph.D., A.M.ASCE
Mani Golparvar-Fard, Ph.D., A.M.ASCE
Ossama A. Hosny, Ph.D., A.M.ASCE
Shang-Hsien Hsieh, M.ASCE
Mohd. S. Jaafar, Ph.D., P.Eng, M.ASCE
Amr A. Kandil, Ph.D., P.E., M.ASCE
Shih-Chung Kang
Ken-Yu Lin, A.M.ASCE
Tarek S. Mahfouz, Ph.D., A.M.ASCE
Bob McCullouch
Carol C. Menassa, A.M.ASCE
Nawari Nawari, P.E., M.ASCE
Dragana Nikolic, Ph.D., A.M.ASCE
Svetlana Olschina, A.M.ASCE
Waliied M. Oraibi, Ph.D., A.M.ASCE
Gulbin Ozcac-Deniz, Ph.D., S.M.ASCE
Sergio Scheer, Ph.D., P.E., M.ASCE
Ian F. Smith, F.ASCE
Pingbo Tang, D.Eng., A.M.ASCE
Yimin Zhu, A.M.ASCE
Zhenhua Zhu, A.M.ASCE

Publications Committee

Purpose: To administer the solicitation, review, and editing of manuscripts submitted for publication in the Journal of Computing in Civil Engineering.

Prof. Lucio Soibelman, Editor
Nora M. El-Gohary, A.M.ASCE
Jamaleldin A. Abdalla, P.E., M.ASCE
Ahmed Wael El-Gamal, Ph.D., M.ASCE
Burcu H. Akinci, Ph.D., M.ASCE
Esin Ergen
Chimay J. Anumba, Ph.D., P.E., F.ASCE
Iam Flood, Ph.D., A.M.ASCE
Dominic Assimak, A.M.ASCE
Auroop R. Ganguly, M.ASCE
Nir O. Attoh-Okin, P.E., M.ASCE
Mani Golparvar-Fard, Ph.D., A.M.ASCE
Burcin Becerik-Gerber, D.Eng., A.M.ASCE
Jonathan L. Goodall, A.M.ASCE
Mario E. Berges, A.M.ASCE
David Grau, Ph.D., A.M.ASCE
Frank Boukamp, A.M.ASCE
Youssef Hashash
Ioannis Brilakis, Ph.D., M.ASCE
Wolfgang Huhn
Hubo Cai, P.E., M.ASCE
Vineet R. Kamat, Ph.D., M.ASCE
Juan Caicedo, Sc.D, A.M.ASCE
Hyoungkwan Kim
Yong K. Cho, A.M.ASCE
Debra F. Laefer, Ph.D., M.ASCE
Leonardo A. Daenax-Osorio, A.M.ASCE
Jorge A. Laval
E. William East, Ph.D., P.E., F.ASCE
Kincho H. Law, Ph.D., M.ASCE
Sanghyun Lee, A.M.ASCE
Fernanda L. Leite, M.ASCE
Jerome P. Lynch, Ph.D., M.ASCE
G. Kumar Mahinthakumar
John C. Miles
William O’Brien
Feniosky A. Pena-Mora, P.E., M.ASCE
Anu Pradhan, Ph.D., A.M.ASCE
Saideeh Razavi, A.M.ASCE
Rafael Sacks

Technical Committees

Data Sensing and Analysis
Purpose: to gather, maintain and disseminate information on the application of expert systems and artificial intelligence to civil engineering, and to keep the Society membership aware of developments in this rapidly growing field.

Amr Kandil, Chair
Mani Golparvar-Fard, Ph.D., A.M.ASCE, Vice-Chair
Burcin Becerik-Gerber, D.Eng., A.M.ASCE, Secretary
Chimay J. Anumba, Ph.D., P.E., F.ASCE
Mario E. Berges, A.M.ASCE
Federico Bobadilla, P.E., M.ASCE
Carlos H. Caldas, P.E., A.M.ASCE
Dong Chen
Yong K. Cho, A.M.ASCE
Omar H. El-Anwar, A.M.ASCE
Nora M. El-Gohary, A.M.ASCE
Esin Ergen
Habib Fathi, S.M.ASCE
David Grau, Ph.D., A.M.ASCE
Hyunjoon Kim
Semiha Kiziltas

Global Center for Excellence in Computing
To provide global and national leadership in research, education and technology transfer related to computing in civil engineering. To provide global and national leadership in research, education and technology transfer related to computing in civil engineering and to encourage the best possible use of computing in civil engineering in research, education, and practice.

Hazar Y. Dib, Ph.D., A.M.ASCE, Chair
Esther Obonyo, A.M.ASCE, Vice-Chair
Ken-Yu Lin, A.M.ASCE, Secretary
Burcu H. Akinci, Ph.D., M.ASCE
Chimay J. Anumba, Ph.D., P.E., F.ASCE
T. Arciszewski
Farrukh Arif, A.M.ASCE
Mario E. Berges, A.M.ASCE
Tanyel T. Bulbul, Ph.D., A.M.ASCE
Jack C. Cheng, Ph.D.

Visualization, Information Modeling, and Simulation (VIMS)
Purpose: to increase the appropriate use of databases and information management technologies in civil engineering teaching and practice. Included in the committee scope are the representation, man-
agagement, storage and retrieval of civil engineering information, product and process modeling, data/object/knowledge repositories and interoperability standards, and information infrastructure issues.

John I. Messner, M.ASCE, Chair
Sanghyun Lee, A.M.ASCE, Vice-Chair
Fernanda L. Leite, M.ASCE, Secretary
Tomasz Arciszewski, Ph.D., A.M.ASCE
Burcin Becerik-Gerber, D.Eng., A.M.ASCE
Federico Bobadilla, P.E., M.ASCE
Alfred C. Bogen, Ph.D., A.M.ASCE
Ioannis Brilakis, Ph.D., M.ASCE
Tanyel T. Bulbul, Ph.D., A.M.ASCE
Albert T-F. Chen, Ph.D.
Jack C. Cheng, Ph.D.
Yong K. Cho, A.M.ASCE
Fei Dai
Omar H. El-Anwar, A.M.ASCE
Nora M. El-Gohary, A.M.ASCE
Esin Ergen
Habib Fathi, S.M.ASCE
Thomas M. Froese, P.E.
Renate Fruchter, Ph.D., M.ASCE
Mani Golparvar-Fard, Ph.D., A.M.ASCE
Jie Gong, Ph.D., A.M.ASCE
David Grau, Ph.D., A.M.ASCE
Sanguk Han
Timo Hartmann, Ph.D., A.M.ASCE
R. Raymond A. Issa, J.D., Ph.D., P.E., F.ASCE
Farrokh Jazizadeh Karimi, S.M.ASCE
Gauri M. Jog, S.M.ASCE
Vineet R. Kamat, Ph.D., M.ASCE
Young Cheol Kang
Geoffrey Kavulya, S.M.ASCE
Kincho H. Law, Ph.D., M.ASCE
Sanghoon Lee, Ph.D., A.M.ASCE
Ken-Yu Lin, A.M.ASCE
Ming Lu, M.ASCE
Tarek S. Mahfouz, Ph.D., A.M.ASCE
Ali Mostafavi, S.M.ASCE
Ivan A. Mutis, Ph.D., A.M.ASCE
William O’Brien
Svetlana Obolina, A.M.ASCE
Wallied M. Orabi, Ph.D., M.ASCE
Gulbin Ozcan-Deniz, Ph.D., S.M.ASCE
Stefania-Christina Radopoulou, S.M.ASCE
Benny Raphael, Ph.D., A.M.ASCE
Abbas Rashidi, S.M.ASCE
Boong Yeol Ryoo
Guillermo F. Salazar, Ph.D., A.M.ASCE
Yung-Ching Shen, M.ASCE
Zhigang Shen, Aff.M.ASCE
Mohsin K. Siddiqui, Ph.D., C.Eng, A.M.ASCE
Ian F. Smith, F.ASCE
Lucio Soibelman, Ph.D., P.E., F.ASCE
Lisa K. Spanihour, P.E., M.ASCE
Pingbo Tang, D.Eng., A.M.ASCE
Wei Wu, A.M.ASCE
Amir Zavichi
Yimin Zhu, A.M.ASCE

**COUNCIL ON DISASTER RISK MANAGEMENT**

(Authorized as Natural Disaster Reduction on October 1, 1997; name changed to Disaster Reduction on July 29, 2001)

**Purpose:** To provide leadership, advance the risk science, and promote the use of assessment and risk informed decision making. To foster collaboration among civil engineering and other disciplines through program assistance and technology transfer.

**Executive Committee**

**CHAARGE:** The Council on Disaster Risk Management Executive Committee shall oversee the activities of the Council on Disaster Risk Management.

Yumei Wang, P.E., F.ASCE, Chair
Vilas S. Mujumdar, D.P.A., P.E., Dist.M.ASCE, Vice Chair
Nasim Uddin, P.E., F.ASCE, Past Chair
Bilal Ayyub, Ph.D., P.E., F.ASCE, Member
Keith Porter, Ph.D., M.ASCE, Member
Catherine Tehan, ASCE Staff Contact

**Board of Advisors**

**Purpose:** Appointed by the Executive Committee to advise on issues and programs of the Council.

Alfredo Ang, Ph.D., S.E., Hon.M.ASCE
Amar A. Chaker, Ph.D., M.ASCE
Anne S. Kiremidjian, Ph.D., F.EMI, M.ASCE
Craig E. Taylor, Aff.M.ASCE
Erik Vanmarcke, Ph.D., M.ASCE
Purpose: to establish policy for selection, review, and pre-editing of material for publication in the Natural Hazards Review, an international practice periodical providing innovation and practical solutions to the problems and challenges faced by all sectors of the hazards community.

Viṣṇu S. Mujumdar, D.P.A., P.E., Dist.M.ASCE
Kathleen Tierney
Hojjat Adeli, Ph.D., Dist.M.ASCE, Associate Editor
Benigno Aguirre, Associate Editor
Amar A. Chaker, Ph.D., M.ASCE, Associate Editor
Darryl W. Davis, P.E., D.WRE, M.ASCE, Associate Editor
Marianne Guffanti, Associate Editor
John M. Nichols, Associate Editor
Michael O’Rourke, Ph.D., P.E., F.SEI, M.ASCE, Associate Editor

Outreach
Purpose: To establish collaboration among technical, professional, and trade associations; to establish programs for effective interactions with organizations involved in development of standards; and to facilitate the process of having a periodic international multidisciplinary conference on natural disaster risk management.

Riyad S. Aboutaha, M.ASCE
Amitabha Bandyopadhyay, Ph.D., P.E., F.ASCE
Jerry J. Barbera, P.E., M.ASCE
James S. Cohen, P.E., M.ASCE
William L. Coulbourne, P.E., M.ASCE, F.SEI
Paul W. Dobie, M.ASCE
Shou-Shan Fan, Ph.D., M.ASCE
Michael P. Gaus, Ph.D., P.E.
Antoine G. Hobeika

Technical Committees
Vulnerability and Risk
Purpose: to establish collaboration among groups involved in developing risk and vulnerability modes for use in forecasting, planning, design, construction, and community development.

Nii O. Attoh-Okine, P.E., M.ASCE, Chair
Alfredo H. Ang, Ph.D., S.E., Hon.M.ASCE
Amar A. Chaker, Ph.D., M.ASCE
Graham R. Cook, M.ASCE
Shou-Shan Fan, Ph.D., M.ASCE
Do Y. Kim, P.E.
Anne S. Kiremidjian, Ph.D., F.EMI, M.ASCE
Yuriy V. Koslyuchenko, Ph.D., A.M.ASCE
Bryan E. Lee, Ph.D.
William L. Mcegill, P.E.

Mitigation Pre- and Post-Disaster
Purpose: To establish collaboration among groups involved in developing risk and vulnerability modes for use in forecasting, planning, design, construction, and community development.

Forrest J. Masters, Ph.D., P.E., M.ASCE, Chair
James S. Cohen, P.E., M.ASCE
Nasim Uddin, P.E., F.ASCE

Yumei Wang, P.E., F.ASCE

Eric Levitan, P.E., M.ASCE
Duzgan Agdas, P.E., M.ASCE
ENERGY DIVISION

(Authorized as Power Division on June 20, 1922; name changed to Energy Division on July 14, 1978)

Purpose: To promote the integrated planning and management of efficient energy systems consistent with social, economic, and environmental objectives and constraints; to advance the role of the civil engineer in the siting, design, construction and operation of facilities for the extraction, conversion, distribution, and use of energy resources; to provide through publications, technical committee activities, and meetings, leadership within ASCE on technical, professional and policy issues that bear on energy; and to encourage cooperation with other organizations with similar goals.

Executive Committee

Purpose: To provide leadership on technical, professional and policy issues that bear on energy in all its forms and uses.

Robert Bachman, P.E., S.E., F.SEI, M.ASCE, *CTA Representative*
James G. Soules, P.E., S.E., F.SEI, F.ASCE, *Chair*
James R. Bailey, P.E., F.ASCE, *Secretary*
Wayne R. Bergstrom, Ph.D., P.E., D.GE, F.ASCE

Mario Finis, P.E., M.ASCE
Ronald D. Neufeld, Ph.D., P.E., M.ASCE
Arpan B. Tailor, P.E., M.ASCE
Jonathan L. Tan, A.M.ASCE
Barbara A. Whitten, A.M.ASCE, ASCE Staff Contact

Administrative Committees

Awards

Purpose: To recommend to the Executive Committee regarding all awards in which the Energy Division is involved, including nomination of recipients.

Mario Finis, P.E., M.ASCE, *Chair*

Publications

Purpose: To encourage submission and to control the selection and pre-editing of papers for publication in the field of energy.

Chung-Li Tseng, *Editor*

Technical Committees

Water Power

Purpose: To develop and to disseminate information on all phases of hydroelectric power.

Paul R. Blaszczyk, P.E., M.ASCE, *Co-Chair*
Maria Finis, P.E., M.ASCE, *Co-Chair*
Mary Ann Adonizio, P.E.
Thomas J. Ahl, M.ASCE
Jeffrey M. Auser, P.E., M.ASCE
George L. Barber, P.E., M.ASCE
James E. Borg
Ed Brylawski, P.E., M.ASCE
Rick Burton
Michael E. Bye, P.E., M.ASCE
Pierre Choquet
John A. Cima
Kim P. De Rubertis, P.E., F.ASCE
Thomas E. Duncan, P.E.
Antonio Ferreira, P.E., M.ASCE

Craig Findlay, Ph.D., P.E., M.ASCE
John W. France, P.E., D.WRE, M.ASCE
Patrick Hartel, P.E., M.ASCE
Steven A. Fry
Christopher J. Hill, G.E., P.E., M.ASCE
Gary Holzhausen
Stephen L. Jamieson, P.E., M.ASCE
Thomas N. Keefer, P.E., M.ASCE
Mark W. Killgore, P.E., D.WRE, F.EWRI, M.ASCE
John Klebba
Christ Konstantellos, P.E., M.ASCE
A H. Makarechian, P.E., M.ASCE
John H. Northrop, P.E., M.ASCE
### Task Committee to Revise Guidelines for Instrumentation and Measurements for Monitoring Dam Performance

**Purpose:** New and improved instruments and methods of measurement have evolved since the publication of the Guidelines for Instrumentation and Measurements for Monitoring Dam Performance in 2000. Also new are approaches to how measurements are used to estimate dam behavior and safety. The purpose of the second edition is to bridge the 10-year gap by adding new techniques to the existing body of knowledge.

**Chair:** Kim P. De Rubertis, P.E., F.ASCE

**Vice-Chair:** Steven A. Fry

**Secretary:** Christopher J. Hill, G.E., P.E., M.ASCE

### Committee on Power Systems

**Purpose:** The Power Systems Committee supports the mission of the Energy Division as it relates to the production and distribution of electrical energy through the use of nuclear fuel, fossil fuel, and emerging renewable technologies. The Committee develops consensus technical standards and guidelines, writes state-of-the-art reports, presents recommended practices, sponsors technical sessions and conferences, promotes industry research, and actively collaborates with related professional organizations, in service to those civil engineers dedicated to maintaining, expanding, and improving power generation and transmission infrastructure.

**Chair:** Wayne R. Bergstrom, Ph.D., P.E., D.GE, F.ASCE

**Chair:** Dain Hammerschmidt, P.E.

**Secretary:** Kyle D. Harris, P.E., M.ASCE

### Committee on Oil and Gas

**Purpose:** To serve the petrochemical energy production industry in technical areas within various civil engineering disciplines. The committee will form task committees to write state of the art reports, guidelines and recommended practices, will cooperate with ASCE’s Technical Council on Codes and Standards in the preparation of codes and standards, and will sponsor and organize sessions in various ASCE and non-ASCE conferences.

**Chair:** James R. Bailey, P.E., F.ASCE

**Chair:** Darrell Barker

**Chair:** William L. Bounds, P.E., M.ASCE

**Chair:** Donald W. Boyd, P.E.

**Chair:** John B. Falcon, P.E., M.ASCE

**Chair:** Anil K. Garg, Ph.D., P.E., CP, LEED AP, F.ASCE, F.SEI

### Committee on Energy and the Environmental Nexus

**Purpose:** To foster systems and technologies that provide a sustainable source of power and energy for society while minimizing the impacts of said systems and technologies on the environment and available natural resources. Examples of critical importance are (1) address the "energy/water nexus" and
reducing the amount of fresh water consumed in power/energy production is minimized given increasing global fresh water shortages, (2) confirm hydraulic fracturing methods used to enhance oil and natural gas recovery do not contaminate drinking water sources, (3) define prudent means to reduce greenhouse gas emissions associated with power generation, to reduce their effects on global climate change.

Charles J. Hookham, P.E., M.ASCE, Co-Chair
Ronald Neufeld, Co-Chair
Byron T. Burrows, P.E., M.ASCE

TECHNICAL COUNCIL ON FORENSIC ENGINEERING
(Authorized July 8, 1985)

Purpose: Forensic engineering is the application of engineering principles to the investigation of failures or other performance problems. Forensic engineering also involves testimony on the findings of these investigations before a court of law or other judicial forum, when required. Failures are not all catastrophic, such as when a building or bridge collapses, but include facilities or parts of facilities that do not perform as intended by the owner, design professional, or constructor. The purpose of the Technical Council on Forensic Engineering is to develop practices and procedures to reduce the number of such failures, to disseminate information on failures and their causes, to provide guidelines for conducting failure investigations, and to provide guidelines for ethical conduct in forensic engineering.

Executive Committee


Glenn G. Thater, P.E., M.ASCE, Chair
Michael J. Drerup, P.E., M.ASCE, Past Chair
Derrick S. Hancock, P.E., M.ASCE, Vice Chair
Ronald W. Anthony, Aff.M.ASCE, Secretary
Ziad Salameh, P.E., M.ASCE
Ronald E. Smith, Ph.D., P.E., D.GE, M.ASCE,
CTA Representative
Tenzing T. Barshee, ASCE Staff Contact

Administrative Committees

News Correspondent
David B. Peraza, P.E., M.ASCE

Awards Committee
Michael J. Drerup, P.E., M.ASCE, Chair
Michael P. Lester, P.E., M.ASCE
Anthony M. Dolhon, P.E., M.ASCE

Education

Purpose: to improve the practice of Civil Engineering by promoting the study of failure case histories in educational activities.

Navid Nastar, Chair
Navid Nastar, Chair
Paul A. Bosela, P.E., F.ASCE
Navid Nastar, Chair
Pamalee A. Brady, P.E., M.ASCE
Paul A. Bosela, P.E., F.ASCE
Kenneth L. Carper, M.ASCE
Navid Nastar, Chair
Norbert J. Delatte Jr., Ph.D., P.E., F.ASCE
Norbert J. Delatte Jr., Ph.D., P.E., F.ASCE
Timothy J. Dickson, P.E., S.E., M.ASCE
Paul A. Bosela, P.E., F.ASCE
Howard F. Greenspan, P.E., L.S., F.ASCE
Navid Nastar, Chair
Narbeh Khachaturian, Ph.D., P.E., Dist.M.ASCE
M K. Parfitt, P.E., M.ASCE
Robert T. Ratay, Ph.D., P.E., F.SEI, F.ASCE
Oswald Rendon-Herrero, Ph.D., P.E., M.ASCE
Osvald Rendon-Herrero
Kelly A. Salyards, P.E., M.ASCE
Kevin G. Sutterer, P.E., M.ASCE
Publications

Purpose: to review manuscripts, technical notes and discussions submitted to the council for publication in the Journal of Performance of Constructed Facilities and to be responsible for the publication of papers sponsored by the Council.

Kenneth L. Carper, M.ASCE, Journal Editor & Chair
Laurent Arsenault
Kimball J. Beasley, P.E., F.ASCE
Paul A. Bosela, P.E., F.ASCE
Panamalee A. Brady, P.E., M.ASCE
Carl H. Carpenter, P.E., F.ASCE
Dar Hao Chen, P.E., M.ASCE
Elizabeth P. Dahlen, P.E., M.ASCE
Norbert J. Delatte Jr., Ph.D., P.E., F.ASCE
Richard J. Deschamps, M.ASCE
Milos F. Drdacky
Francis J. Driscoll, P.E., M.ASCE
Sheila R. Duwadi, P.E., M.ASCE
John A. Frauenhoffer, P.E., S.E., M.ASCE
Roberto E. Gori
Howard F. Greenspan, P.E., L.S., F.ASCE
Timothy J. Grocholski, P.E., M.ASCE
Ott O. Guedelhoefer III, S.E., F.ASCE
Gerald A. Haynes, P.E.
Ben D. Ilozor
Tang G. Lee
Richard G. Little
Paul M. Larue
Noel P. Mailvaganam
Brian S. Neale
James T. O’Connor, P.E., F.ASCE
Ilias Ortega
John D. Osteraas, P.E., F.ASCE
David B. Peraza, P.E., M.ASCE
Henry Petroski, Ph.D., P.E., Dist.M.ASCE
Declan T. Phillips, P.E.
Oswald Rendon-Herrero, Ph.D., P.E., M.ASCE
Kevin L. Rens, P.E., M.ASCE
Fabian C. Tan
George J. Vogler
Robert E. Witter
Rubin M. Zallen, P.E., F.ASCE
Wael A. Zatar, M.ASCE
Manoochehr Zoghi, P.E., GE., D.GE, F.ASCE

Technical Committees

Dissemination of Failure Information

Purpose: to develop and implement means for collecting and disseminating information regarding the nature and causes of failures of constructed facilities. In addition, to coordinate and assist in the collection and dissemination of failure information generated by other organizations, within and from outside ASCE.

Alicia E. Diaz de Leon, P.E., S.E., R.A., M.ASCE, Chair
Elmer R. Curtis, P.E., F.ASCE
Robert M. D’Onofrio, P.E., M.ASCE
Michael J. Drerup, P.E., M.ASCE
David W. Fowler, P.E., F.ASCE
Martin J. Fradua, P.E., F.ASCE
Sudhir U. Kukillaya, A.M.ASCE
David H. Nicastro, P.E., M.ASCE
M. Kevin Parfitt
David B. Peraza, P.E., M.ASCE
Ziad M. Salameh, P.E., M.ASCE
Michael L. Tholen, P.E., A.M.ASCE
Everette W. Wright, P.E.
Steven Zebich, P.E., S.E., M.ASCE

Forensic Investigations

Purpose: to identify needs related to the investigation of failures of constructed facilities, define the problems related to the methods and process of failure investigation and develop resources for practitioners to address those needs and problems.

Shen-En Chen, Ph.D., P.E., M.ASCE, Chair
Ronald W. Anthony, Aff.M.ASCE
Robert G. Bea, P.E., L.S., F.ASCE
Kimball J. Beasley, P.E., F.ASCE
Julie M. Cohen, Ph.D., P.E., M.ASCE
Richard J. Craig, P.E., M.ASCE
Anast Demitt, P.Eng, M.ASCE
Howard F. Greenspan, P.E., L.S., F.ASCE
O. C. C. Guedelhoefer
Philip W. Johnson, Ph.D., P.E., M.ASCE
Sudhir U. Kukillaya, A.M.ASCE
Tyler Ley
Leonard J. Mc Cuen Jr., P.E., M.ASCE
Gregory S. Mc Lellan, P.E., M.ASCE
Paul W. McMullin, P.E., M.ASCE
Paul F. Mikar, Ph.D., P.E., F.SEI, Dist.M.ASCE
Leonard J. Morse-Fortier, P.E., M.ASCE
Shardware S. Saxena, P.E., F.ASCE
Wes F. Snihur, P.E., M.ASCE
Forensic Practices

Purpose: to enhance the competent and ethical practice of forensic engineering. The committee develops practice guidelines, seminars and conference session aimed at elevating the understanding of professionals engaged in the investigative and judicial arenas.

Deepak Ahuja, P.E., M.ASCE, Chair
Robert B. Anderson, P.E., L.S., M.ASCE
Behnam Arya, P.E., M.ASCE
Steven C. Battersman, Ph.D., M.ASCE
Dan M. Bell, P.E., M.ASCE
Keith E. Brandau, P.E.
David M. Brani
John T. Bryant, P.E., M.ASCE
Ronald J. Carrington, P.E., M.ASCE
Frank A. Denbrock, P.E., M.ASCE
Anthony M. Dolhon, P.E., M.ASCE
Lawrence Dombrowski Jr., P.E., M.ASCE
Warren R. French, P.E., M.ASCE
Derrick S. Hancock, P.E., M.ASCE
Steven C. Hellfrich, P.E., M.ASCE
James W. Jordan, P.E., M.ASCE
Harvey A. Kagan, P.E., F.ASCE
Irvine W. Lee Pack, A.M.ASCE
Gary Lewis, Ph.D., P.E., F.ASCE
John R. Messimeo Jr., P.E., M.ASCE
Andrew T. Metzger, P.E., M.ASCE
Leonard J. Morse-Fortier, P.E., M.ASCE
Theodore G. Padgett Jr., M.ASCE
Roger L. Park, P.E., F.ASCE
Gregory P. Parsons, P.E., M.ASCE
Robert T. Ratay, Ph.D., P.E., F.SEI, F.ASCE
Clemens J. Rossell, P.E., M.ASCE
Lloyd M. Sonenthal, P.E., M.ASCE
Kassim M. Tarhini, P.E., M.ASCE
Stephen S. Ting, P.E., M.ASCE
Harry O. Ward, P.E.

Practices to Reduce Failures

Purpose: to develop objectives for change in the design and construction industry specifically targeted to reducing the incidence and severity of failures in civil-engineered projects. To pursue implementation of these changes and to act as liaison between ASCE and other professional societies and organizations to pursue the prevention of failures.

Peter J. Maranian, P.E., M.ASCE, Chair
Daryl R. Armentrout, Ph.D., P.E., F.ASCE
Raymond O. Baughman, P.E., L.S., F.ASCE
Kimball J. Beasley, P.E., F.ASCE
Glenn R. Bell, P.E., F.SEI, M.ASCE
Kenneth L. Carper, M.ASCE
John G. Ernst, M.ASCE
A K M Anwarul Islam, P.E., M.ASCE
Harvey A. Kagan, P.E., F.ASCE
Michael P. Lester, P.E., M.ASCE
Abba G. Lichtenstein, P.E., Dist.M.ASCE
Andrew T. Metzger, P.E., M.ASCE
Paul F. Miakar, Ph.D., P.E., F.SEI,
Dist.M.ASCE
Satinder P S Puri, P.E., M.ASCE
Ronald H. Schneider, P.E., M.ASCE
Kenneth B. Simons, P.E., F.ASCE
Glenn G. Thater, P.E., M.ASCE
Rubin M. Zallen, P.E., F.ASCE

International Activities

Purpose: International Activities Committee will coordinate international outreach activities of the Technical Council on Forensic Engineering (TCFE), including liaison with forensic engineering organizations in other countries and organizing international forensic conferences and symposia.

Norbert Joseph Delatte, Jr., Ph.D., P.E., F.ASCE, Chair
Paul A. Bosela, P.E., F.ASCE
Ziad M. Salameh, P.E., M.ASCE
Ronald W. Anthony, Aff.M.ASCE
Kenneth L. Carper, M.ASCE
Anthony M. Dolhon, P.E. M.ASCE

GEOMATICS DIVISION

(Authorized January 18, 1926)

Purpose: To provide leadership, within the engineering profession, for the acquisition and management of spatial data required as part of scientific, administrative, legal, and technical operations for surveying, cartography, photogrammetry, multi purpose cadastre, remote sensing, and geographic
information systems; to foster the development of policy, guidelines and specifications; to encourage the advancement of geomatics education; and to foster the dissemination of information.

Executive Committee

CHARGE: The Geomatics Division Executive Committee shall oversee the activities of the Geomatics Division.

David F. Garber, P.E., F.ASCE, Chair
Michael J. Olsen, Ph.D., A.M.ASCE, Vice-Chair
Earl F. Burkholder, P.E., R.L.S., F.ASCE
Ron Singh, R.L.S., M.ASCE

David A. Wahlstrom, J.D., F.ASCE
James H. Anspach, M.ASCE, CTA
Barbara A. Whitten, A.M.ASCE, ASCE Staff Contact

Executive Committee

Administrative Committees

Education Committee

Purpose: To coordinate activities involving the education and professional development of professionals in civil engineering involved with the Geomatics.

David A. Wahlstrom, J.D., F.ASCE, Chair
Clifford E. Anderson, Ph.D., P.E., L.S., D.WRE, M.ASCE
Earl F. Burkholder, P.E., R.L.S., F.ASCE

Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE
J. P. Mohsen, Ph.D., M.ASCE
Ashley L. Rose-Nalin, P.E., L.S., M.ASCE
Robert J. Schultz, P.E., L.S., F.ASCE

Liaison Committee

Purpose: To coordinate activities among committees within ASCE and organizations outside ASCE regarding issues involving Geomatics in Civil Engineering.

Jerome C. Ives, M.ASCE, Chair
Terry D. Bennett, Aff.M.ASCE

Michael L. Dennis, P.E., L.S., M.ASCE
Carolyn Merry

Publications

Purpose: To stimulate, initiate, and develop papers and discussions; to assist the Journal Editor and the Newsletter Editor; to act for the Division in making nominations for ASCE awards for outstanding papers.

James S. Bethel, Editor
Dorota A. Greiner-Brzezinska, Associate Editor
Bishwa Acharya
Alireza Amiri-Simkooei, Aff.M.ASCE
James M. Anderson, Ph.D., P.E., L.S., M.ASCE
John D. Bosseler, Ph.D., P.E., F.ASCE
Earl F. Burkholder, P.E., R.L.S., F.ASCE
Robert Burtch, P.L.S., M.ASCE
Said M. Easa, Ph.D., P.E., M.ASCE
Georgia Fotopoulos, Aff.M.ASCE
Charles Ghilani
Clyde Goad, Ph.D.
Jen-Yu Han, Ph.D., Aff.M.ASCE
Steven D. Johnson, Ph.D., L.S., M.ASCE

Andrew C. Kellie, M.ASCE
Alfred M. Leick, Ph.D.
Derek D. Lichiti, Ph.D., A.M.ASCE
John D. Marshall, D.Eng., A.M.ASCE
Thomas H. Meyer, Ph.D., A.M.ASCE
Alan M. Mikuni, P.E., F.ASCE
Clement A. Ogaja, Aff.M.ASCE
Jim Ray
Burkhard Schaffrin
Andrew L. Sikes, P.E., M.ASCE
Tomas Soler, Ph.D., M.ASCE
Khagendra Thapa
David A. Tyler, Ph.D.
David A. Wahlstrom, J.D., F.ASCE
David Wolf, P.E.
Kam W. Wong, Ph.D., P.E., M.ASCE
Technical Committees

Spatial Data Applications Committee

Purpose: Provide resources to improve understanding by engineers (current and future) regarding advancements in geomatics to apply spatial data to improve efficiency in civil engineering and construction.

David Totman, A.M.ASCE, Chair
Michael O. Falk, P.E., FASCE
David F. Garber, P.E., FASCE
Craig Glennie
Kelly E. Hovey, P.E., M.ASCE
Michael J. Olsen, Ph.D., A.M.ASCE
Richard A. Popp, P.E., M.ASCE
Gene V. Roe, Ph.D., P.E., R.L.S., L.S., M.ASCE
Christopher M. Siebern
Ranvir Singh, P.E., M.ASCE
Michael W. Staudenmayer, A.M.ASCE

Committee on Spatial Data Accuracy

Purpose: Review, create, and contribute to spatial data accuracy standards for current surveying engineering applications. The charge includes education and outreach to geospatial professionals.

Earl F. Burkholder, P.E., R.L.S., FASCE, Chair
Michael L. Dennis, P.E., L.S., M.ASCE
Andrew P. Douglas, Aff.M.ASCE
Larry D. Hothem, M.ASCE
Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE
Rob Merry
Thomas H. Meyer, Ph.D., A.M.ASCE
Richard A. Popp, P.E., M.ASCE
Terry Keating, P.E., M.ASCE, Corresponding Member
Glen R. Schaefer, P.E., L.S., M.ASCE, Corresponding Member

Surveying Committee

To coordinate the gathering and sharing of professional experience from practicing land surveyors and surveying engineers.

Daniel Gillins, P.L.S., M.ASCE, Chair
David F. Garber, P.E., FASCE

TECHNICAL COUNCIL ON LIFELINE EARTHQUAKE ENGINEERING

(Authorized July 15, 1974)

Purpose: To advance the state-of-the-art and practice of lifeline engineering for earthquakes, hurricanes, and other extreme events through the following endeavors: participate in the development of guidelines, pre-standards, and standards for the extreme event design and construction of lifelines; encourage lifeline organizations, industries, and associated manufacturers, associations, and professionals to consider extreme events and their impacts in the planning, design, emergency planning, and operation of lifelines; serve as a primary resource for establishing broad consensus on lifeline issues; identify and prioritize research needs related to lifeline planning, design, construction, and operation; and support and/or conduct programs for education and technology transfer on lifeline earthquake and other extreme event issues.

Executive Committee


Craig A. Davis, P.E., M.ASCE, Chair
Thomas R. Cooper, P.E., P.Eng, S.E., M.ASCE, Vice Chair
Nason J. McCullough, P.E., M.ASCE, Past Chair
Jamie E. Padgett, A.M.ASCE, Secretary
Kent Yu, Ph.D., P.E., M.ASCE, Member
Alex Tang, P.E., FASCE, Liaison to Programs and Publications Committee
Catherine Tehan, ASCE Staff Contact
Awards Committee

Purpose: to nominate individuals to be recipient of the Charles Martin Duke Lifeline Earthquake Engineering and the LaVal Lund for Practicing Lifeline Risk Reduction Awards. The Duke award is presented annually to an individual who has made significant contributions to the advancement of lifeline earthquake engineering. The LaVal Lund Award is presented annually to an outstanding individual who has made significant contributions in the practice of reducing risks of lifeline systems and preparing communities for natural and manmade hazards.

Yousef Bozorgnia, P.E., F.ASCE
Rachel A. Davidson, A.M.ASCE
Nason J. McCullough, P.E., M.ASCE

Administrative Committees

Program and Publications

Purpose: to assist in planning sessions for national conventions, specialty conferences, and regional meetings having lifeline earthquake-related interest publicizing these activities; to administer solicitation and review of papers in lifeline earthquake engineering fields and determine outlets in appropriate society publications, subject to Council Executive Committee and Society policies; to make recommendations to the Council Executive Committee for ASCE awards in accordance with rules established for the awards.

Alex K. Tang, P.E., F.ASCE, Chair
Thomas R. Cooper, P.E., P.Eng, S.E., M.ASCE
Leonardo A. Duenas-Osorio, A.M.ASCE
Curtis L. Edwards, P.E., F.ASCE
William F. Heubach, P.E., M.ASCE
John P. Masek, P.E., M.ASCE
Nason J. McCullough, P.E., M.ASCE
Anshel J. Schiff, M.ASCE

Technical Committees

Earthquake Investigation

Purpose: to initiate, organize, train for and coordinate post-earthquake investigations in areas of interest to the Lifeline Earthquake Engineering Council; to develop post-earthquake investigation guidelines for use in such investigations; to organize a team of individuals for immediate response to post-earthquake investigations in the United States; to prepare post-earthquake investigation reports.

Curtis L. Edwards, P.E., F.ASCE, Chair
Mark A. Pickett, Ph.D., P.E., M.ASCE, Vice-Chair
Monique A Anderson, P.E., M.ASCE
John T. Andrew, P.E., M.ASCE
Charles-Darwin Annan, Ph.D., P.Eng, M.ASCE
Lakshmana O. Arasu, P.E.
Siamak A. Ardekanli, Ph.D., M.ASCE
Donald B. Ballantyne, P.E., M.ASCE
Robert M. Barnoff, Ph.D., P.E., L.S., F.ASCE
James R. Blacklock, Ph.D., P.E., M.ASCE
Auguste C. Boissonnade, Ph.D., A.M.ASCE
Philip Caldwell
Michael A. Cassaro, Ph.D., P.E., F.ASCE
Thomas W. Cooper, P.E., M.ASCE
Charlene K. Dennis, P.E., M.ASCE
Reginald DesRoches, Ph.D., M.ASCE
Brian A. Dibarnaba, P.E., S.E., M.ASCE
Stephen E. Dickenson, Ph.D., P.E., D.PE, M.ASCE
Matthew J. Donahue, P.E., M.ASCE
Leonardo A. Duenas-Osorio, A.M.ASCE
John M. Eidinger, P.E., M.ASCE
Teresa K. Elliott, P.E., M.ASCE
William M. Elliott, P.E., L.S., M.ASCE
Mary W. Goodson, P.E., M.ASCE, F.SEI
Edward Kavazanjian Jr., Ph.D., P.E., D.GE, F.ASCE
E Crispin Kinney, P.E., M.ASCE
Brian Knight, S.E.
Brian Knight
Alexis Kwasinski, A.M.ASCE
Joseph P. Laird, P.E., M.ASCE
Robert C. Lo, P.E., F.ASCE
Justin D. Marshall, Ph.D., P.E., M.ASCE
John M. McLaughlin, P.E., F.ASCE
Nason J. McCullough, P.E., M.ASCE
Lucero E. Mesa, P.E., M.ASCE
Erica M. Mikes, P.E., M.ASCE
Melissa R. Moncada, P.E., A.M.ASCE
Bryant G. Nielson, P.E., S.E., M.ASCE
Jamie E. Padgett, A.M.ASCE
Jared Perez

John P. Masek, P.E., M.ASCE
Nason J. McCullough, P.E., M.ASCE
Anshel J. Schiff, M.ASCE
Electrical Power and Communications Lifelines

Purpose: to study the problems of planning, design, construction and operation of electrical power and communication lifelines (electricity, telephone and telegraph, radio and television) to mitigate the effects of earthquakes and other extreme hazards, and develop procedures with which sound design can be achieved. Current activities of the committee include developing guidelines for the design of communications systems, power systems, emergency power, and fragility data of power equipment.

Anshel J. Schiff, M.ASCE, Chair
Alex K. Tang, P.E., F.ASCE, Vice-Chair
Lawrence F. Wong, Secretary
James E. Beavers, Ph.D., P.E., F.ASCE
Art Botterall
Terry G. Burley
Leonardo A. Duenas-Osorio, A.M.ASCE
William M. Elliott, P.E., L.S., M.ASCE
Joseph A. Graziano, P.E.

Gas and Liquid Fuel Lifelines

Purpose: to study the problems of planning, design, construction and operation of gas and liquid fuel transportation and storage systems to mitigate the effects of earthquakes and other extreme hazards, and develop procedures with which sound design can be achieved.

Peter W. McDonough, P.E., F.ASCE, Chair
Nasir Zulfiqar, P.E., M.ASCE, Secretary
Donald B. Ballantyne, P.E., M.ASCE
Steven F. Bartlett, P.E.
Ronald T. Eguchi, M.ASCE
Richard W. Gailing, A.M.ASCE
James D. Hart, P.E., M.ASCE
Evert C. Lawton, Ph.D., P.E.
Bret N. Lingwall

Lifeline Systems Interdependencies (LSI)

Purpose: The primary purpose of the Lifeline Systems Interdependencies (LSI) Committee is to understand, model, manage and exploit the increasingly coupled and complex operations across lifeline systems. This committee will provide technical rigor to develop and document knowledge about novel yet practical approaches to quantify interdependencies and reduce the risk of cascading failures across lifeline systems. The LSI Committee efforts in the context of the TCLEE vision will also contribute to maintaining national security, economic vitality, public governance, and quality of life. In addition, this committee will enhance risk communication with policy and decision makers that advise private and public entities on complex lifeline system operation and resilience. This includes protocols for interdependence data collection, restoration strategies and decision processes, and support to emerging recommended practices and future design standards. The committee strives to balance participation of national and international utility owners, operators and academics.

Leonardo Duenas-Osorio, Rice University, Chair
Ibrahim Almufti, ARUP
Paolo Bocchini, Lehigh University
Richard Bowker, MLGW
Gian Paolo, Citellaro, Politecnico di Torino
Curtis Edwards, PSOMAS
John Eidenger, G&E Engineering Systems Inc.

Sonia Giovinazzi, University of Canterbury, New Zealand
Seth Guikema, Johns Hopkins University
Charlie Huyck, ImageCAT Inc.
Mohammad Javanbarg, PEER
Laurie Johnson
Alexis Kwasinski, UT Austin
Kanoknart Leelardcharoen, Ingenium Inc.
Ports Lifelines

Purpose: to study problems of earthquake or other extreme hazards-related planning, design, construction, operations and retrofit of ports and harbors lifelines (navigation waterways, retaining structures, berthing piers, docks, cargo handling equipment and storage facilities) to mitigate the effect of earthquakes and other extreme hazards, and to develop procedures and pre-standards for sound design.

Nason J. McCullough, P.E., M.ASCE, Chair
David L. Dittmer, P.E., M.ASCE, Secretary
Mohamed A. Ashour, P.E., M.ASCE
Derrick Bellamy, P.E., M.ASCE
Todd C. Cowles, P.E., M.ASCE
R T. Deane, P.E.
Mildrid R. Desai, P.E., S.E., M.ASCE
Reginald DesRoches
Stephen E. Dickenson, Ph.D., P.E., D.P.E., M.ASCE
Martin L. Eskijian, P.E., D.P.E., M.ASCE
William B. Fullerton, Ph.D., P.E., F.ASCE
Mohjiani Huang
Omar A. Jaradat, Ph.D., P.E., D.P.E., M.ASCE
Cheng Lai, P.E., M.ASCE
Doug Lindquist

Seismic Risk

Purpose: to develop procedures for seismic risk analysis, including risk from geological hazards, upon which sound design criteria on lifelines can be formulated. The committee will be composed of experts from each of the lifeline fields of gas and liquid fuel, transportation, water and wastewater, and electric power and communications, as well as experts in the fields of risk analysis, geology, seismology, soils engineering and geodetic surveying.

John P. Masek, P.E., M.ASCE, Chair
Jean B. Savy, Vice-Chair
Keith A. Porter, M.ASCE, Secretary
Steven F. Bartlett, P.E.
Nesrin Basoz, Ph.D., A.M.ASCE
Kenneth W. Campbell
Michael A. Cassaro, Ph.D., P.E., F.ASCE
Chein-Chi Chang, M.ASCE
Luke Cheng, P.E., M.ASCE
Charles B. Crouse, Ph.D., P.E., M.ASCE
Craig A. Davis, P.E., M.ASCE
Armen Der Kiureghian, Ph.D., P.E., F.EMI, M.ASCE
Ronald T. Eguchi, M.ASCE
Don M. Eiding, P.E., M.ASCE
William F. Heubach, P.E., M.ASCE
David Hu
Jeremy Isenberg, Ph.D., P.E., F.SEI, Hon.M.ASCE
Edward Kavazanjian Jr., Ph.D., P.E., D.GE, F.ASCE
Mahmoud M. Khater, P.E.

Barry A. Mac Donnell, A.M.ASCE
William Perkins
Glenn Rix
Charles W. Roeder, Ph.D., P.E., F.SEI, M.ASCE
Andre J. Sidler, A.M.ASCE
Jogeshwar P. Singh, P.E.
Erik G. Soderberg, P.E., M.ASCE
Warren A. Stewart, P.E., S.E., D.P.E., M.ASCE
Alex K. Tang, P.E., F.ASCE
Ted W. Trenkwalder, P.E., M.ASCE
Yumei Wang, P.E., F.ASCE
Stuart D. Werner, P.E., M.ASCE
Peter F. Yin, P.E., M.ASCE
Kent Yu, P.E., S.E., M.ASCE

Anne S. Kiremidjian, Ph.D., F.EMI, M.ASCE
Shih Chi Liu, Ph.D.
Robin K. McGuire, Ph.D., P.E., F.ASCE
Lamine Mili
Christian P. Mortgat, Ph.D., Aff.M.ASCE
Dennis K. Ostrom, Ph.D., P.E., M.ASCE
Lawrence D. Reaveley, P.E., M.ASCE
Christopher Rojahn
Dario Rosidi, P.E., M.ASCE
Charles Scawthorn, Ph.D., P.E., F.ASCE
Hope A. Seligson
Masanobu Shinozuka, Ph.D., P.E., F.EMI, Dist.M.ASCE
Gabriel R. Toro, A.M.ASCE
Erik H. Vanmarcke, Ph.D., F.EMI, Dist.M.ASCE
Federico M. Waisman, M.ASCE
Leon Ru-Liang Wang, Ph.D., P.E.
Stuart D. Werner, P.E., M.ASCE
Ching-Liu Wu, P.E.
Masoud M. Zadeh, Ph.D.
Transportation Lifelines

Purpose: to study problems regarding planning, design, construction, retrofit, and operation of transportation lifelines including highways, railroads, airports, and rapid transit structures, both from component and system performance perspectives. To mitigate the effects of earthquakes and other extreme hazards, and develop procedures through which sound design and retrofit can be achieved for all transportation facilities, through coordination with the TCLEE ports and Harbors Committee.

Thomas R. Cooper, P.E., P.Eng, S.E., M.ASCE, Chair
Mark Yasinsky, P.E., M.ASCE, Secretary
Nesrin Basoz, Ph.D., A.M.ASCE
Ian G. Buckle, M.ASCE
William G. Byers, P.E., F.ASCE
Amar A. Chaker, Ph.D., M.ASCE
John H. Clark, Ph.D., P.E., F.ASCE
Ian M. Friedland, P.E., M.ASCE
Roy A. Irshid, Ph.D., P.E., M.ASCE
Jeremy Isenberg, Ph.D., P.E., F.SEI, Hon.M.ASCE
Edward Kavazanjian Jr., Ph.D., P.E., D.GE, F.ASCE
Ignatius Po Lam, P.E., M.ASCE
Ronald L. Mayes, Ph.D., P.E., M.ASCE
James E. Monsees, P.E., F.ASCE
James R. Morgan, Ph.D., P.E., M.ASCE
Christopher L. Mullen, P.E., M.ASCE
Bryant G. Nielson, P.E., S.E., M.ASCE
Ronald C. Pagan, P.E., M.ASCE
Mehdi Saiidi, Ph.D., P.E., F.ASCE
Ching-Liu Wu, P.E.
Wen-Huei P. Yen, P.E., M.ASCE

Water and Wastewater Lifelines

Purpose: to study the problems of planning, design, construction and operation of water and wastewater lifelines (potable, flood, irrigation, and sewage and solid waste) to mitigate the effects of earthquakes and other extreme hazards, and develop procedures with which sound design can be achieved.

William F. Heubach, P.E., M.ASCE, Chair
James L. Doane, P.E., L.S., F.ASCE, Vice-Chair
Donald B. Ballantyne, P.E., M.ASCE
Luke Cheng, P.E., M.ASCE
Michael E. Dadik, P.E., S.E., M.ASCE
Craig A. Davis, P.E., M.ASCE
Ronald T. Eguchi, M.ASCE
John M. Eidinger, P.E., M.ASCE
William M. Elliott, P.E., L.S., M.ASCE
Duane B. Ford, P.E., M.ASCE
Mary Goodson
Douglas G. Honegger, M.ASCE
Nicholas A. Legatos, P.E., F.ASCE
Harry O. Niles III, P.E., M.ASCE
Michael O’Rourke, Ph.D., P.E., F.SEI, M.ASCE
Thomas D. O’Rourke, Ph.D., Hon.D.GE, M.ASCE
Alex K. Tang, P.E., F.ASCE
Craig E. Taylor, Aff.M.ASCE

PIPEDLINE DIVISION

(Authorized June 4, 1956)

Purpose: the advancement and correlation of scientific knowledge and engineering practice, and the promotion and coordination of socio-economic and environmental development and construction of engineering projects relative to the transmission of liquids, gases or solids by pipelines.

Executive Committee

CHARGE: The Pipeline Division Executive Committee shall oversee the activities of the Pipeline Division.

Michael T. Stift, P.E., M.ASCE
Randall C. Hill, P.E., M.ASCE, Chair
Terrence L. Moy, P.E., M.ASCE, Vice-Chair
Timothy Kennedy, P.E., M.ASCE, Secretary
Victor E. Fernandez-Cuervo, P.E., M.ASCE
John J. Galleher Jr., P.E., M.ASCE
Tenzing Barshee, ASCE Staff Contact
Administrative Committees

Advisory Committee
Purpose: to advise the Executive Committee of this division on awards and prizes, policies, appointments, and technical programs.

Ralph R. Carpenter, M.ASCE, Chair
John J. Galleher Jr., P.E., M.ASCE, Vice-Chair
Phyllis A. Brunner, P.E., M.ASCE
Joseph P. Castronovo, P.E., M.ASCE
Lawrence F. Catalano, P.E., M.ASCE
Michael A. Collins, Ph.D., P.E., M.ASCE
Deon T. Fowles, P.E., M.ASCE
Ahmad Habibian Ph.D., P.E., M.ASCE
John D. Hair, P.E., M.ASCE
D T. Iseley, Ph.D., P.E., M.ASCE

Kenneth K. Kienow, P.E., M.ASCE
Tyler R. Mcearthur, A.M.ASCE
Robert L. Meinzer, P.E., F.ASCE
Mohammad Najafi, Ph.D., P.E., F.ASCE
Richard E. Nelson, P.E., M.ASCE
William F. Quinn, P.E., F.ASCE
Randy E. Robertson, P.E., P.Eng, M.ASCE
George F. Ruchti Jr., M.ASCE
Michael T. Stift, P.E., M.ASCE
Theodorus C. Veenhuis, M.ASCE

Cultural Awareness and Diversity Development
Purpose: To develop practices and processes to expose and expand the awareness of underground infrastructure pipeline engineering related fields and opportunities to an existing and/or proposed multi-cultural engineering community.

Marcellus T. Pitts, Chair
Michael D. Johnson, P.E., Vice-Chair
John Griffin

D T. Iseley, Ph.D., P.E., M.ASCE

Conventions and Conferences
Purpose: To assist and guide related technical knowledge through ASCE and other joint sponsored specialty conferences, conventions, seminars and workshops, subject to Executive Committee review and in accordance with policies established by the Society, and to be a resource and advocate to the Pipeline Division Specialty Conference Committee by providing experiences gained from past involvement with conferences, conventions, seminars and workshops.

Raph R. Carpenter, M.ASCE
Joseph P. Castronovo, P.E., M.ASCE
Lawrence F. Catalano, P.E., M.ASCE
James A. Clark, P.E., L.S.
Victor E. Fernandez-Cuervo, P.E., M.ASCE
Deon T. Fowles, P.E., M.ASCE
John J. Galleher Jr., P.E., M.ASCE
Ahmad Habibian, Ph.D., P.E., M.ASCE
Randall Hill, P.E., M.ASCE

Kenneth K. Kienow, P.E., M.ASCE
William J. Moncrief, P.E., M.ASCE
Rafael Ortega, P.E., M.ASCE
Lynn Osborn, P.E., M.ASCE
Mark B. Pickell, P.E.
B J. Schrock, P.E., F.ASCE
Michael T. Stift, P.E., M.ASCE
John J. Struzziery, P.E., M.ASCE

News Correspondent
Erin M. McGuire, P.E., M.ASCE, Newsletter

Editor

Publications
Purpose: to administer the solicitation, review and editing of papers in the field of interest of this division, subject to review of procedures by the Executive Committee of this division. To administer, author, and distribute the Pipeline Newsletter to all level 1-3 ASCE members with an interest in pipelines.

Mohammad Najafi, Ph.D., P.E., F.ASCE, Editor
Jean M E. Audibert, Ph.D., P.E., M.ASCE
John G. Bomba, P.E., Dist.D.OE, F.ASCE
Walter R. Fritz, P.E., L.S., M.ASCE
Douglas G. Honegger, M.ASCE
William A. Hunt, Ph.D., P.E., M.ASCE
Wilbur E. Ingalsbe, P.E., M.ASCE
Peter W. McDonough, P.E., F.ASCE

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Michael O’Rourke, Ph.D., P.E., F.SEI, M.ASCE
Robert C. Prevost, Ph.D.
William F. Quinn, P.E., F.ASCE
Russel Ross, P.E.
Louis Salinas, P.E.
B J. Schrock, P.E., F.ASCE
Technical Committees

Task Committee on Hydraulic Transient Analysis of Transmission Systems
Purpose: to create a manual of practice for the application of hydraulic transient modeling in the design of transmission pipelines. At present, there is no standalone manual of practice in the civil engineering profession that advises the Owner and Engineer on the basics of transient analysis, the control of transients in transmission pipelines, and the management of transient modeling tasks during design. The core content of the proposed manual will be an update of the surge control section of Pressure Pipe Design for Water and Wastewater published by ASCE in 1992. New sections will be added to address planning level activities for locating control facilities and selecting profiles that are more conducive to surge control. Also, advances in control strategy will be included. The committee will develop guidelines to use for the qualification of modelers, career mentoring, and quality control. The experience of Owner’s engineers with various approaches to transient control will be gathered and the results will be published in the manual of practice as case histories.

David H. Axworthy, P.E., M.ASCE
James A. Cathcart, P.E., L.S., M.ASCE
Rusty L. Gibson, P.E.

Task Committee on Pipeline Route Selection in Rural and Urban Areas
Purpose: To create guidelines on pipeline route selection in urban or other congested areas.

David H. Axworthy, P.E., M.ASCE
James A. Cathcart, P.E., L.S., M.ASCE
Rusty L. Gibson, P.E.

Pipeline Infrastructure
Purpose: to gather, correlate information on pipeline rehabilitation including methodologies regarding the evaluation of existing system integrity, rehabilitation materials and procedures and life-cycle values.

John F. Jurgens, Aff.M.ASCE, Chair
Antonio V. Almeida, P.E.
Richard P. Baxter
Lawrence F. Catalano, P.E., M.ASCE
Jack Conie
Arun K. Deb, Ph.D., P.E., F.ASCE
Rudy Fernandez
Randall C. Hill, P.E., M.ASCE
D T. Iseley, Ph.D., P.E., M.ASCE
Jey K. Jayapalan, Ph.D., P.E.
John V. Kanzlermar

Task Committee on Rehabilitation of Storm Sewers and Culverts
Purpose: to publish a new Manual of Practice that deals with the rehabilitation of storm sewers, culverts, and related structures

Lynn Osborn, P.E., M.ASCE, Chair
Mohammad Najafi, Ph.D., P.E., F.ASCE, Vice-Chair
John F. Jurgens, Aff.M.ASCE, Secretary
Gregory R. Baryluk, P.E., M.ASCE

Lawrence F. Catalano, P.E., M.ASCE
Donald Gallimore, P.E., M.ASCE
George A. McAlpine, M.ASCE
Larry J. Petroff, P.E., M.ASCE
William E. Shook, Aff.M.ASCE
PIPELINE DIVISION

Michael Yen

**Pipeline Safety & Risk Management**

Purpose: to identify and, where practical, collect and disseminate information and technology related to risk management of pipelines. This information includes, but is not limited to best industry practices, research efforts, technical studies and modeling, statistical databases, and regulatory initiatives. Pipelines transporting all products including hydrocarbons, chemicals, and water are addressed. Methodologies applicable to gathering, transmission and distribution systems are included. Committee work shall focus both on hazards that such systems present to the public and/or the environment as well as the business considerations associated with system failures.

Brian Mergelas, Chair
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Robert J. Homer, Secretary
Stephen F. Biaggiotti
Joseph C. Caldwell, P.E., M.ASCE
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Amar A. Chaker, Ph.D., M.ASCE
Dennis Clini
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Shawn A. Dent, P.E.
Yuan Ding
Bruce E. Hansen
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Michael S. Higgins, P.E., M.ASCE
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Kenneth K. Kienow, P.E., M.ASCE
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William J. Passaro, P.E., F.ASCE
William J. Robers
Andrew E. Romer, P.E., M.ASCE
D. L. Ross, P.E.
George F. Ruchti Jr., M.ASCE
Michael T. Stift, P.E., M.ASCE
Henry Worthington, P.E., M.ASCE
Leonard Wright, Ph.D., P.E., D.WRE

**Pipeline Location and Installation**

Purpose: to investigate and correlate status of (1) pipeline location practices and procedures including application of survey techniques and assessment of environmental impact; (2) pipeline installation methods including both normal and special techniques; and (3) quality assurance, proof testing, and inspection practices on constructed pipelines, and to cooperate with other organizations in gathering and disseminating this information to the profession.

K. Sri Rajah, Ph.D., P.E., P.Eng, M.ASCE, Chair
Samir A. Arnaout, P.E., M.ASCE
Henry Bardakjian, P.E., M.ASCE
J. E. Barnhurst
Robert J. Card, P.E., M.ASCE
Joseph P. Castronovo, P.E., M.ASCE
Roger L. Coffey I, P.E., M.ASCE
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Steve Shamaker
Michael T. Stift, P.E., M.ASCE
Reynold K. Watkins, Ph.D., M.ASCE
William R. Whidden, P.E., M.ASCE

**Task Committee on Bedding and Backfill and Trench Shoring Systems**

Purpose: Pipe bedding and backfill and shoring systems vary across the country because of native soil conditions and availability of pipe zone materials. However, the pipe material that is laid in the trench is specific, being steel, PCCP, RCP, PVC, DIP, and HDPE. These pipe materials are manufactured according to published national standards such as, AWWA, ACI, ASTM, etc; while trench conditions and trench zone materials vary by regions of the country. The purpose of this committee is to compile the preferred and economical pipe bedding and backfill materials for the trench conditions according to local pipeline contractor preferences and available native materials as well as the different shoring
systems for various regions of the country and prepare a white paper summarizing the findings and recommendations to ASCE TAC committee for further studies or publication of the research findings.

K. Sri Rajah, Ph.D., P.E., P.Eng., M.ASCE, "Chair"
J. Edward Barnhurst, P.E., Vice-Chair
Michael A. Fleury, A.M.ASCE
Randall C. Hill, P.E., M.ASCE

Task Committee on Thrust Restraint Design For Buried Pipelines
Purpose: Currently, there is no consensus on an appropriate design approach for the design of thrust restraint systems in buried pipelines. The design approaches given in AWWA guidelines differ amongst pipe materials. The design practices widely vary based on company specific best practice approaches, creating confusion. The purpose of this task committee is to prepare a white paper documenting current design practices of thrust restraint systems for various pipe materials, theoretical background, historical evolution of the approaches and field testing; explore improvements to current practice; and propose recommendations, as a basis for future development of a manual of practice.

Steve Shumaker, "Chair"
Henry Bardakjian, P.E., M.ASCE, "Vice-Chair"
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Samir A. Arnaout, P.E., M.ASCE
J. E. Barnhurst
Robert Card
Randall C. Conner, M.ASCE
Michael A. Fleury, A.M.ASCE
Randall C. Hill, P.E., M.ASCE

ASCE Pipeline Research Committee
Purpose: to promote research in pipeline transportation of liquid, gas and solids, to identify research needs in pipeline engineering, and to foster interest in new pipeline technology such as freight pipelines.

Mohammad Najafi, Ph.D., P.E., F.ASCE, "Chair"
Ralph A. Dusseau, P.E., M.ASCE
Jey K. Jeyapalan, Ph.D., P.E.
Steven R. Kramer, P.E., F.ASCE

Trenchless Installation of Pipelines
Purpose: To disseminate knowledge related to the planning, design and installation of new trenchless pipeline projects; to coordinate ASCE’s trenchless technology activities with other organizations such as the North American Society of Trenchless Technology (NASTT).

Tennyson M. Muindi, P.E., M.ASCE, "Chair"
Brad K. Baker, P.E., M.ASCE, "Vice-Chair"
Ralph R. Carpenter, M.ASCE
Robert Carpenter
John D. Hair, P.E., M.ASCE
Douglas Jenkins

Task Committee on Cured In Place Pipe Design (ASTM 1216) Manual of Practice

Norman E. Kampbell, P.E., M.ASCE, "Chair"
Clifford W. Beroset, P.E., M.ASCE
Robert Carpenter
Kelly Derr
Brian C. Dorwart, P.E., P.G., M.ASCE

Task Committee on Small Borings Units (SBU) Manual Of Practice

Alan Atalah, Ph.D., P.E., F.ASCE, "Chair"
David J. Scarpato, P.E., M.ASCE, "Secretary"
Underground Pipeline Asset Management

Purpose: To advance and disseminate knowledge related to the management of underground pipeline assets. The Committee intends to coordinate its activities with other professional organizations such as AWWA, WEF, and BAMI-I, ASTM, APWA, etc.

Ahmad Habibian, Ph.D., P.E., M.ASCE, Chair
D T. Iseley, Ph.D., P.E., M.ASCE, Chair
Jesse L. Beaver, P.E., M.ASCE
Michael Gritzuk
John F. Jurgens, Aff.M.ASCE
Richard E. Nelson, P.E., M.ASCE
Troy P. Norris

Task Committee on Condition Assessment of Sewer Collection

Purpose: to prepare guidelines on the selection, use, application, and data interpretation of various technologies for the condition assessment of wastewater collection systems.

Douglas Jenkins, Chair
Joseph P. Castronovo, P.E., M.ASCE
Moosa W. Damerchie, M.ASCE
Theodore J. DeBoda, P.E., M.ASCE
Dennis J. Doherty, P.E., F.ASCE
Kevin L. Enfinger, P.E., M.ASCE
Jaysee Goulain
Ahmad Habibian, Ph.D., P.E., M.ASCE
William F. Heubach, P.E., M.ASCE
Tom Iseley, P.E.
John F. Jurgens, Aff.M.ASCE
Rod Lovely

Task Committee on Water Pipeline Condition Assessment

Purpose: to prepare guidelines on the selection, use, application and data interpretation of various technologies for condition assessment of water distribution systems.

George F. Ruchti Jr., M.ASCE, Chair
David H. Marshall, M.ASCE, Vice-Chair
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Nanir A. Arnaout, P.E., M.ASCE
Graham E. Bell, P.E., M.ASCE
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John J. Gallohe Jr., P.E., M.ASCE
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Babatunde E. Marquis, A.M.ASCE
Robert Martin
Nicholas Strater
Dennis J. Doherty, P.E., F.ASCE
William H. Godwin, CEG, Aff.M.ASCE
Aiden J. Horan, A.M.ASCE
Troy Stokes
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Brian C. Dorwart, P.E., P.G., M.ASCE
William H. Godwin, CEG, Aff.M.ASCE
Aiden J. Horan, A.M.ASCE
Troy Stokes
Nicholas Strater

Ahmad Habibian, Ph.D., P.E., M.ASCE, Chair
Jim O’Dowd
Jim O’Dowd, P.E., M.ASCE
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Lawrence M. Slavin, A.M.ASCE
Patrick L. Stevens, P.E.
Michael T. Stift, P.E., M.ASCE
Vinta Varghese, P.E., M.ASCE
Robert E. Webb
TECHNICAL COUNCIL ON WIND ENGINEERING

Purpose: To advance professional knowledge and improve the practice of wind engineering in civil engineering design, construction and operations and to make recommendations for advancement of scientific knowledge and practice in wind engineering related problems.

Executive Committee

Theodore Stathopoulos, Ph.D., P.E., F.EMI, F.ASCE, Chair
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Jon A. Peterka, P.E., F.EMI, M.ASCE, Secretary
Ahsan Kareem, Ph.D., F.EMI, Dist.M.ASCE
Gregory A. Kopp, P.E., M.ASCE
Barbara A. Whitten, A.M.ASCE, ASCE Staff Contact
Patrick J. White, P.E., M.ASCE, CTA Representative

Environmental Wind Engineering Committee

Purpose: To promote the application of current knowledge in environmental aerodynamics to the planning, design, construction and operation of civil engineering structures or projects; to stimulate civil engineering oriented wind engineering research; to encourage the publication of worthwhile contributions to the field; unified wind design provisions and to interact with appropriate ASCE Divisions and Technical Councils, the ASCE Institutes, and outside organizations.

Gregory A. Kopp, P.E., M.ASCE, Chair
Forrest J. Masters, Ph.D., P.E., M.ASCE, Secretary
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Andrew Allsop
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Bogusz Bienkiewicz, Ph.D., M.ASCE
Girma T. Bitsuamlak, Ph.D., A.M.ASCE
Leighton S. Cochran, Ph.D., CPEng, M.ASCE
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Frank Durgin II, P.E., M.ASCE
Elizabeth C. English, Ph.D., A.M.ASCE
Arindam Gan Chowdhury III, Ph.D., A.M.ASCE
Horia Hangan
Peter A. Irwin, Ph.D., P.Eng, F.EMI, F.ASCE
Nicholas Isyumov, P.E., F.EMI, F.ASCE
Nicholas P. Jones, Ph.D., F.EMI, M.ASCE
Ahsan Kareem, Ph.D., F.EMI, Dist.M.ASCE
Nigel B. Kaye, M.ASCE
Suresh K. Kumaresan, M.ASCE
Christopher W. Letchford, DPhil, CPEng, F.SEI, F.ASCE
Marc Levitan
Jon A. Peterka, P.E., F.EMI, M.ASCE
R Paneer Selvam, Ph.D., P.E., F.ASCE
Theodore Stathopoulos, Ph.D., P.E., F.EMI, F.ASCE
Bina So, M.ASCE
Yukio Tamura, F.EMI, M.ASCE
Peter J. Vickery, P.E., F.SEI, M.ASCE
Hanqing Wu
Ioannis Zisis, A.M.ASCE

Subcommittee on Wind Flow Modeling for the Built Environment

David Banks, Chair
Panagiota Karava
Nicholas Isyumov, P.E., F.EMI, F.ASCE
Forrest J. Masters, Ph.D., P.E., M.ASCE
Theodore Stathopoulos, Ph.D., P.E., F.EMI, F.ASCE

Task Committee on Wind Driven Rain Effects

Purpose: To develop serviceability requirements for wind-driven rain penetration resistance of buildings in high wind areas to prevent business interruption, damage to building contents and the displacement of occupants during repairs.

Forrest J. Masters, Ph.D., P.E., M.ASCE, Chair
Paul Beers
Bert Blocken, D.Eng.
Arindam Chowdhury
Anne D. Cope, Ph.D., P.E., M.ASCE
Thang N. Dao, Ph.D., A.M.ASCE
Yarrow J. Fewless, Aff.M.ASCE
Charles B. Goldsmith
Eric Haeffli
Anurag Jain, Ph.D., P.E.
Gregory A. Kopp, P.E., M.ASCE
Michael A. Lacasse, Ph.D., P.Eng, M.ASCE
Subcommittee on Non-Synoptic Wind Engineering

Purpose: To produce a review of the state-of-the-art on non-synoptic wind simulation for use by the research and practitioner communities.

Horia Hangan, M.ASCE, Co-Chair
Christopher W. Letchford, DPhil, CPEng, F.SEI, F.ASCE, Co-Chair
Girma T. Bitsuamlak, Ph.D., A.M.ASCE
Frederick L. Haan Jr., A.M.ASCE
Gregory A. Kopp, P.E., M.ASCE

Subcommittee on Wind Borne Debris

Purpose: To research and provide a detailed review of the state of knowledge on wind borne debris.

Nigel B. Kaye, M.ASCE, Chair
Christopher W. Letchford, DPhil, CPEng, F.SEI, F.ASCE
Weichiang Pang, A.M.ASCE

Structural Wind Engineering Committee

Purpose: To re-examine, improve and disseminate present knowledge, and to enlighten the engineering profession on the subject of wind forces on structures, and the response of structures to those wind forces; to attempt to clarify, coordinate and unify wind design provisions on national and local building codes. Information will be disseminated through ASCE Journal papers, technical conferences, and committee reports.

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Steven A. Camposano, A.M.ASCE, Vice-Chair
Anurag Jain, Ph.D., P.E., Secretary
Jomaa Ben-Hassine, P.E., M.ASCE
Chunsheng Cai, Ph.D., F.ASCE
Suren Chen, Ph.D., P.E., M.ASCE
Xinzhong Chen, A.M.ASCE
Arindam Chowdhury
Leighton S. Cochran, Ph.D., CPEng, M.ASCE
Alvaro R. Cosculluela, P.E., F.ASCE
Elizabith C. English, Ph.D., A.M.ASCE
Yarrow J. Fewless, Aff.M.ASCE
Carol Friedland, P.E., M.ASCE
Jon K. Galsworthy, P.E., M.ASCE
Kurtis R. Gurley, A.M.ASCE
Frederick L. Haan Jr., A.M.ASCE

Subcommittee on Literature Review of Code Comparisons

Purpose: To examine and compare loading formulation by international codes. It will provide useful information to practitioners and code writing bodies.

David P. Thompson, P.E., M.ASCE, Chair

Wind Loads on Solar Collectors Subcommittee

Purpose: To develop guidelines for wind loading formulation for solar collectors that will assist code-writing bodies.

Theodore Stathopoulos, Ph.D., P.E., F.EMI, F.ASCE, Chair
David Banks, Ph.D., P.Eng, M.ASCE
Arindam Chowdhury
Subcommittee on Wind and Wave Damage Guidelines
Purpose: To create guidelines for wind and wave damage to structures, ultimately resulting in a document.
William L. Coulbourne, P.E., M.ASCE, F.SEI, Chair

Subcommittee on Computational Wind Engineering
Purpose: To act as a gatekeeper on the use of computational fluid dynamics in structural engineering practice.
Horia Hangan, Chair

Task Committee on Computer-Aided Wind Engineering
Purpose: To write a report which provides guidance on the current state-of-the-art for using such computational methods to solve structural wind engineering problems.
Bert Blocken, D.Eng., Co-Chair
Gregory A. Kopp, P.E., M.ASCE, Co-Chair
Girma Bitsuamlak
Yeo Donghun
Frederick L. Haan Jr., A.M.ASCE
Muhammad R. Haji, Ph.D., M.ASCE
Horia Hangan, M.ASCE
Sunmoon Jung, Ph.D., M.ASCE
Panagiota Karava
Alexy Kolesnikov
Marc Levitan
Theodore Stathopoulos, Ph.D., P.E., F.EMI
Hanqing Wu, P.E., M.ASCE

Subcommittee on Wind Energy Structures
Purpose: This sub-committee is examining current codes for wind loading formulation for wind energy structures. This committee interacts with other organizations such as ASME.
Rolando E. Vega, Ph.D., P.E., M.ASCE, Chair
Nestor Agbayani, P.E., S.E., M.ASCE
Jomaa Ben-Hassine, P.E., M.ASCE
Matthew Chase
Leighton S. Cochran, Ph.D., CPEng, M.ASCE
Shu-Jin Fang, P.E., F.ASCE
Jon Galsworthy
D. Vaughan Griffiths, Ph.D., P.E., F.ASCE
Clint J. Harris, A.M.ASCE
Paul F. Keren, P.E., M.ASCE
James D. Lockwood, A.M.ASCE
Lance Manuel
Mohammed M. Nofal, P.E.
Theodore Stathopoulos, Ph.D., P.E., F.EMI
F. ASCE
Tomas Vazquez, P.E., M.ASCE

CODES AND STANDARDS COMMITTEE
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David J. Eaton, Ph.D., A.M.ASCE
John A. Frauenhoffer, P.E., S.E., M.ASCE
Paul A. Harren, A.M.ASCE
Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE
Thomas G. Krzewinski, P.E., D.GE, F.ASCE
Bonnie E. Manley, P.E., M.ASCE
Warren K. Wray, Ph.D., D.GE, F.ASCE
James H. Anspach, M.ASCE, CTA
Paul G. Gamburgi, P.E., M.ASCE, ASCE Staff Representative

COMMITTEE ON CRITICAL INFRASTRUCTURE
CHARGE: The Committee on Critical Infrastructure shall develop and implement activities related to the resilience and risk reduction of critical infrastructure.
Mathew J. Francis, P.E., M.ASCE, Chair
Marsha D. Anderson Bomar, M.ASCE, Vice-Chair
Nathan M. Kathir, Ph.D., P.E., F.ASCE
Forrest Masters, Ph.D., P.E., M.ASCE
Ziad Mazboudi, SAP, P.E., F.ASCE
David B. Swanson, P.E., F.S, M.ASCE
E Scott Tezak, BSCP, P.E., M.ASCE
Erik R. Wright, P.E., M.ASCE
Catherine Tehan, ASCE Staff Contact
Purpose: The purpose of the Technical Region Board of Governors is to facilitate the interaction between the Society’s Institutes and the Society.

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Brian R. Manning, P.E., F.ASCE - Technical Region Director
James A. Rossberg, P.E. - Staff Contact
Adam W. Hapij, P.E., M.ASCE - AEI
Mark A. McAfee, P.E. - AEI
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Jane M. Smith, P.E., D.CE, M.ASCE - COPRI
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Karen C. Kabbes, P.E., D.WRE, M.ASCE - EWRI
Paul A. Bizier, P.E., BCEE, F.ASCE - EWRI

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Patrick R. McCormick, P.E., F.SEI, M.ASCE - SEI
Imad L. Al-Qadi, Ph.D., P.E., Dist.M.ASCE - T&DI
Brian D. McKeehan, P.E., M.ASCE - T&DI
Roberto Ballarini, Ph.D., P.E., F.EMI, F.ASCE
Andrew W. Smyth, Ph.D., F.EMI, M.ASCE - EMI
THE ARCHITECTURAL ENGINEERING INSTITUTE (AEI) OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

The Architectural Engineering Institute (AEI) was created through a merger of the National Society of Architectural Engineers and the American Society of Civil Engineers’ Architectural Engineering Division, on October 1, 1998. Unique among those represented at ASCE, the architectural engineering field is highly multi-disciplinary. Consequently, AEI serves as the logical home for all professionals in the building industry.

Purpose: AEI serves to unite members of the design building team in an effort to facilitate communication and cooperation, both on a project basis and in the professional and technical areas. The need for a professional organization such as AEI exists because architectural engineering, structural, mechanical, electrical and architectural disciplines all share the effort in the design of buildings in roughly equal parts. As a result, one of the main problems in the industry is the lack of communication among these integral members of the building team.

Because all of these disciplines (and more) must interface and cooperate on a project, technical and design issues in the industry must be addressed in a unified manner in order to advance the state of the building design industry. There is a great need for a national forum for these disciplines to examine issues and exchange views and information. It is for the purpose of providing this forum that it was proposed to establish AEI.

Vision
The global leader for the development and operation of buildings.

Mission
To serve the building community by promoting an integrated, multidisciplinary approach to planning, design, construction, and operation of buildings and by encouraging excellence in practice, education, and research of architectural engineering.

The Architectural Engineering Institute admits both Individual Members and Corporate Members. The different categories of membership are (Article IV, Section 1):

- Fellow
- Member
- Associate Member
- Student Member
- Affiliate Member
- Corporate Member
- Supporting Corporate Member
- Cooperative Member

The 2014 members of the Board of Governors are:

- Mark A. McAfee, PE, FAEI, President
- Adam W. Hapij, PE, MASCE, President Elect
- Ali M. Memari, PhD, PE, FASCE Past President
- Stephanie J. Guy, PE, MAEI
- James A. Ruggieri, PE, MASCE
- Mark P. Sarkisian, PE MASCE
- Robert D. Grottenhaler, PE, LEED AP, DBIA, MAEI
- Moses D.F. Ling, PE, RA, MAEI
- John Zachar PhD, PE, MAEI

Staff contacts:

- Carol A. Kurlancheek, PE, LEED AP, MASCE, Manager
- Verna L. Jameson, Administrator
Architectural Engineering Institute Bylaws
As amended October 2001

Article I. Name
Name. The name of this Institute shall be The Architectural Engineering Institute of the American Society of Civil Engineers, hereinafter referred to as Institute.

Article II. Object
Object. The object of this Institute shall be to advance the state-of-the-art and the state-of-the-practice of the world-wide building industry by facilitating effective and timely technology transfer; to integrate the technical and professional activities of all individuals engaged in the building industry; to provide a multi-disciplinary forum for building industry professionals to examine technical, educational, scientific and professional issues of common interest; and to promote the objectives of the American Society of Civil Engineers.

Article III. Organization
Organization. The Institute is organized within the American Society of Civil Engineers, hereinafter referred to as Society. All policies and activities of the Institute shall be consistent with and subject to:

a. the Society Certificate of Incorporation, Constitution, Bylaws, Rules and Code of Ethics;
b. applicable federal, state, and local antitrust, trade regulation, and other laws, regulations and legal requirements;
c. all requirements to maintain the status of the Society as a not-for-profit organization exempt from federal income tax under sections 501(a) and 501(c)(3) of the Internal Revenue Code of 1954 (hereinafter referred to as the Code) qualifying at all times as an organization to which tax deductible contributions may be made pursuant to applicable sections of the Code;
d. all requirements imposed by the relevant jurisdiction for the maintenance by Society of any license, permit, or authority it may hold to conduct activities and do business as a foreign not-for-profit corporation within that jurisdiction; and

e. such other policies and procedures as are authorized under these documents.

Article IV. Members
1. Membership Qualifications. Membership shall be open to any Society member in good standing as well as to all other persons and organizations interested in advancing the object of the Institute and meeting the membership requirements set forth herein. Individual Memberships will include the grades of Member, Fellow, Associate, Affiliate, and Student. Organizational Memberships will include Cooperative Members and Industry Members. The Institute membership categories are described as follows:

a. Individual Members shall consist of a single person joining the Institute as opposed to an entity such as an association or a company.

i. Member: Individuals who are affiliated with the building industry who are:

   1. Graduates of an Accreditation Board for Engineering and Technology, Inc. Engineering Accreditation Commission (ABET/EAC)-accredited engineering or National Architectural Accrediting Board, Inc. (NAAB) architecture program who are legally licensed Engineers or Architects, or graduates who are legally licensed in other related fields that are recognized by the Board of Governors; no references required.

   2. Graduates of ABET/EAC-accredited Engineering or NAAB architecture programs without legal license; three (3) references required from members in the Member or Fellow grades.

   3. Graduates of non-ABET/EAC-accredited Engineering or non-NAAB-accredited Architecture programs, ABET-TAC-accredited engineering technology or related engineering or science programs; three references required from members in the Member or Fellow grades.

   4. Non-graduates with a Professional Engineering license or Registered Architecture license and ten (10) years of responsible charge subsequent to licensure; three references required from members in the Member or Fellow grades.
2. Fellow. There shall be no direct admission to the Institute in this grade. Admission shall be only by advancement from the grade of Member. To be eligible for advancement to the grade of Fellow, a Member shall:
   i. be a legally licensed engineer or architect, and
   ii. have had responsible charge for not less than ten (10) years, in the grade of Member, of important work in engineering or architecture and be qualified to direct, conceive, plan, or design building works; or in lieu of (ii),
   iii. have had responsible charge for not less than ten (10) years, in the grade of Member, of important industrial, business, construction, educational, editorial, research, or engineering society activity, requiring the knowledge and background gained from engineering or architectural training and experience.

3. Associate Member: Professionals associated in the field who have not qualified for licensing, but have:
   i. graduated from an ABET/EAC or NAAB accredited curriculum in architecture, building construction, facilities management or one of the engineering professions employed in the design and/or construction of buildings and supporting infrastructure, or in lieu of (i),
   ii. has not less than ten (10) years work experience, or in lieu of (i) or (ii),
   iii. has a combination of experience and education of this length, who shall apply and be found qualified by the Membership Committee.

4. Student Member: Individuals interested in the building industry, who are full time students in a university program accredited by ABET/EAC or NAAB in architecture, engineering, or other related fields recognized by the Board of Governors.

5. Affiliate Member: Individuals associated with the building industry who do not fully meet requirements for Member, Associate Member, or Student Member, but nevertheless possess sufficient knowledge and experience to positively contribute to the object of the Institute and who are or have been involved with the design, construction, material supply, professional, technical, or educational aspects of the building industry.

b. Organizational Members shall consist of professional, educational, or technical societies, Society organizations, and industry firms engaged in the design, construction, material supply, professional, technical, or educational aspects of the building industry. Organizational Membership does not imply that all members of the organization are members of the Institute. The Institute organizational membership categories are described as follows:

1. Cooperative Member: A non-Society professional, technical, or educational society representing the building industry, or a Society organization (i.e. Institute, Division, Council or Board Committee) whose interests are related to the building industry.

2. Corporate Member: This membership category provides the Organizational Member with the opportunity to nominate five (5) of their employees to become Individual Members of the Institute at the appropriate grades.

3. Supporting Corporate Member: This membership category provides the Organizational Member with the opportunity to nominate ten (10) of their employees to become Individual Members of the Institute at the appropriate grades.

2. Member Participation

1. Individual Members in good standing may be appointed to and participate on Institute committees. Individual Members in good standing may vote on all Institute procedural issues or elections put forth for the general membership. Only Fellows or Members in good standing may qualify for an elected position on the Board of Governors after holding membership in the Institute for a period of one year. All committee chairs and vice chairs must be Fellows or Members. An Individual Member whose dues are not in arrears shall be considered in good standing.

2. Organizational Members in good standing may appoint one representative to participate on Institute committees, except for the Board of Governors. The representative of the Organization may vote on committee activities, but may not serve as committee chair. The representative of the Organization cannot vote on Institute procedural issues or elections, unless the
representative is also an Individual Member. An Organizational Member whose dues are not in arrears shall be considered in good standing.

3. Non-Member Participation
1. Non-members of the Institute may participate and vote on the Institute’s committees, except for the Board of Governors, but may not serve as committee chair. Non-members cannot vote on Institute procedural issues or elections.
2. Non-members of the Institute may participate as voting members of the Institute’s Standards Committees.
3. Conferences and other organized activities of the Institute shall be open to all persons with an interest in the building industry through payment of designated fees.

4. Admission and Advancement of Members. Applicants shall be admitted to membership in the Institute in such manner as the Board of Governors may from time to time direct. All Society members in good standing who elect to join the Institute shall be admitted at the appropriate grade. Organizational Members may be admitted upon approval by the Membership Committee. Authority to admit new members may be delegated to the Institute Director in accordance with requirements established by the Institute Board of Governors.

An Individual Member may advance between the grades of Student Member, Associate Member, Affiliate Member, and Member as personal status changes. Advancement between the grades of Student Member, Affiliate Member, Associate Member, and Member will be approved by the Membership Committee. Authority to transfer member grades may be delegated to the Institute Director in accordance with the requirements established by the Institute Board of Governors.

The Board of Governors will accept and approve nominations of Members to the grade of Fellow. Nominations may come from committees, individual members, or local groups. The Board of Governors at its discretion and upon the recommendation of the Membership Committee, in the case of a Member who has exceptional professional attainments, may waive the foregoing requirements for advancement to the grade of Fellow.

5. Resignation. Any member of the Institute in good standing may resign by a written communication to the Institute Director.

6. Expulsion. Any member may be expelled from the Institute for conduct in violation of the Bylaws, or the Society Certificate of Incorporation, Constitution, Bylaws, Rules or Code of Ethics, as applicable, or for conduct which in the opinion of the Board of Governors is improper and prejudicial to the best interest of the Society or Institute. Except in any case to which the third paragraph of this Section applies, a decision to expel shall be preceded by a fair hearing at a meeting of the Board of Governors.

Separation from membership in the Institute and disciplinary proceedings shall follow the procedures outlined in the Society Bylaws, Article III, except that in any case to which the third paragraph of this Section applies, a decision to expel shall be preceded by a fair hearing at a meeting of the Board of Governors. Decisions of the Board of Governors shall not be open to appeal except in cases involving recommendation by the Board of Governors to expel a Society member, in which cases an appeal may be made to the Society Board of Direction, whose decision is final.

Cases involving Society members accused of violating the Society Code of Ethics shall be referred to the Society Committee on Professional Conduct.

Article V. Dues

1. Dues. Membership dues shall be established by the Board of Governors. The annual dues payable by the Institute membership shall be as follows:

   Effective October 1, 2007

   Member, Fellow, Affiliate Member: ........................................... $100
   Associate Member:
      Year of Baccalaureate Degree and First Year after Baccalaureate: ........................................... $0
      Second Year after Baccalaureate: ................................................ $40
      Third Year after Baccalaureate: .................................................. $80
      Fourth and Subsequent Years ..................................................... $100
   Student Member: ........................................................................ $0
2. **Payment of Dues.** Dues shall be payable annually in advance of January 1. A person who is elected to membership in the Institute after June 30 in any calendar year shall pay one-half of the annual dues.

An Institute Member who advances from any grade to a higher grade in the Institute shall pay the annual dues of the higher grade, effective the next Institute membership year.

Every person who is elected to membership in the Institute shall be liable for the payment of all dues until Institute membership shall have been terminated.

3. **Statements.** Not later than December 1 each year, the Director shall mail to each Institute member, at the latest address known to the Institute, a statement of current indebtedness, if any, of the Institute member and the amount of dues for the ensuing calendar year.

4. **Penalties.** Any Institute member whose dues are more than three (3) months in arrears shall be so notified by the Director and shall lose the right to receive publications normally furnished without charge to Institute members in good standing. An Institute member whose dues become six (6) months in arrears shall lose the right to vote. The Director shall mail a notice to any Institute member whose dues become nine (9) months in arrears. Any Institute member whose dues become twelve (12) months in arrears shall forfeit connection with the Institute provided, however, that the Board of Governors, for cause deemed by it to be sufficient, may extend the time for payment of dues and for the application of these penalties.

5. **Remission of Dues.** The Board of Governors for cause deemed by it to be sufficient may excuse any Institute member from the payment of annual dues, temporarily or permanently, may remit the whole or any part of the dues which may be in arrears, and may remove any name from the list of those permanently excused from the payment of dues.

**Article VI. Officers**

1. **Officers.** The officers of the Institute shall be the members of the Board of Governors. The officers include a President, President-elect, Past President, Secretary, and Treasurer.

2. **Duties**

   a. **Duties of the Board of Governors.** The Board of Governors shall manage the affairs of the Institute in accordance with the laws under which the Institute is organized. The Board of Governors has fiduciary, legal and strategic responsibilities and focuses on continuous strategic planning, determines desired outcomes, develops and approves policy imperatives to guide operations and ensures that the Institute uses these policies to work toward meeting its vision and fulfilling its mission.

   The fiscal year of the Institute shall be from October 1 to September 30. An annual budget of estimated receipts and expenditures shall be adopted by the Board of Governors at a regular or special meeting prior to October 1 of each year.

   The President, on behalf of the Board of Governors, shall make an Annual Report for the preceding fiscal year at the Annual Membership Meeting. The Director shall also make a status report at the Annual Membership Meeting, containing the financial position of the Institute, and such other information as may be deemed by the Director to be appropriate.

   b. **Duties of the President.** The President shall preside at all meetings of the Board of Governors and of the members of the Institute. The President shall call special meetings of the Board of Governors or of the members as may be deemed proper. In the temporary absence or disability of the President, the President-elect shall discharge the duties of the President.

   The President shall be empowered to nominate chairpersons and members for those committees deemed necessary for the effective functioning of the Institute, subject to approval of the Board of Governors.
The President or the appointed designee shall attend regular and special meetings of the Society Board of Direction, and report at such meetings on Institute affairs, if requested to by the Society Board of Direction.

c. Duties of the Secretary. The Secretary shall be responsible for all correspondence of the Board of Governors. The Director, in cooperation with the Secretary, shall give notice of, attend and keep minutes of all meetings of the Board of Governors, unless excused by the Board of Governors therefrom; shall have custody of the minutes; shall approve and admit members of the Institute, consistent with the Board of Governors policy; and shall perform other such duties and have other such powers as may from time to time be delegated by the Board of Governors.

d. The Duties of the Treasurer. The Treasurer shall monitor management of the financial affairs of the Institute by the Director, who shall prepare and present an annual financial report at the annual meeting of the Institute. The Director, in cooperation with the Treasurer, shall maintain records of Institute income and expenditures and be prepared to present an accounting thereof to the Board of Governors, to the membership, officers, or any duly authorized person or persons when directed to do so by the Board of Governors.

3. Vacancies. In the absence of the Institute President, or in case of the President’s inability from any cause to act, the President-elect of the Institute shall perform the duties of the President. In the case of the President’s death, resignation, or withdrawal from office, the President-elect shall become President.

In case of the President-elect’s inability from any cause to act, a replacement shall be appointed by the Institute President with the approval of a simple majority of the Board of Governors.

Article VII. Meetings

1. Board of Governors Meetings

a. The Board of Governors must meet at least annually to conduct any business that might properly come before it. The place and date of this annual meeting shall be fixed by the President of the Board of Governors. All Board of Governors members shall be given at least thirty (30) days notice of meetings. Agenda items shall be filed with the Secretary at least forty five (45) days before the annual meeting, and the agenda shall be mailed to Board of Governors members at least thirty (30) days in advance of the meeting.

b. Additional scheduled meetings of the Board of Governors shall be held each year, at times and locations designated by the President. Notice and agenda items for additional meetings are as defined for the annual meeting in (a) above.

c. Special meetings of the Board of Governors may be called by the President at any time or by either the President or Secretary upon the request of any three (3) Board of Governors members. At such meetings, there shall only be considered such business as is specified in the meeting notice. At least ten (10) days advance notice of any such special meeting shall be given by the Secretary to members of the Board of Governors.

d. At all meetings of the Board of Governors, a simple majority of the Board of Governors shall be sufficient to constitute a quorum for the transaction of business, and the act of a simple majority of the Board of Governors present at any meeting at which there is a quorum shall be the act of the Board of Governors, except as may be otherwise specifically provided by these Bylaws or other applicable instrument or law. If at any meeting there is less than a quorum present, the presiding officer may adjourn the meeting to another time and place.

e. Any action required to be taken at a meeting of the Board of Governors, or any action that may be taken at a meeting of the Board of Governors, may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all Board of Governors members and be filed with the minutes of the meeting.

f. Members of the Board of Governors may participate in any meeting of the Board of Governors by telephone conference or similar communications equipment by means of which all persons participating in the meeting can hear each other, and such participation in a meeting shall constitute presence in person at the meeting.

g. Any Board of Governors member who does not attend two consecutive meetings of the Board of Governors will be automatically removed from the Board of Governors as of the conclusion
of such second meeting, unless retained by the majority vote of the Board of Governors before
the conclusion of such second meeting.

h. The Institute Director or designee shall be present at all meetings of the Board of Governors,
except for Executive Sessions of the Board of Governors, for which the Institute Director may
or may not be present, as the Board of Governors may direct.

2. Membership Meeting

a. Annual Membership Meeting. A general meeting of the membership shall be held each year.
The items of business, unless otherwise provided by the Board of Governors shall include the
following:
   - Report of the President.
   - Report of the Director.
   - Announcements by the Secretary.
   - Report on canvass of ballot for officers.
   - Installation of new officers.
   - Other items as deemed necessary by the President and Director.

At any Annual Membership Meeting, the membership, without notice and by a two-thirds vote,
may modify or change the rules as to order of business at that meeting.

A minimum attendance of one hundred (100) Individual Members shall constitute a quorum
for the Annual Membership Meeting of the Institute.

3. Special Meetings. Special meetings of Institute membership may be called by the Board of Gover-
nors at any time. The Board of Governors may call a special business meeting of the Institute upon
written request of not less than two hundred (200) members, which request shall state the purpose
of the meeting.

4. Notice. The Board of Governors must give members at least thirty (30) days notice of all annual
and special meetings. The notice must include a description of the business to be conducted.

5. Voting. At any meeting of the membership, a majority of members, where a quorum is present, is
necessary to make a decision except where some other number is required by law or by these
Bylaws. Proxy voting is not permitted.

Article VIII. Board of Governors

1. The affairs, activities, and concerns of the Institute shall be under the direction of a Board of Gov-
ernors.

2. Composition of the Board of Governors. The Board of Governors shall have a minimum of seven
(7) and no more than nine (9) members, who are Institute officers, elected or appointed as follows:
no more than eight (8) at-large Board of Governors members elected by the Institute membership
and one (1) Board of Governors member appointed by the Society President.

3. Qualifications
   a. All Board of Governors members must be Members or Fellows of the Institute and hold Profes-
sional Licensure in Engineering or Architecture.
   b. The Board of Governors member must be a member in good standing of the Institute for a
period of at least one year at the time of election or appointment. Each elected or appointed
Board of Governors member shall be a member of the Institute in good standing throughout
his/her service on the Board of Governors. If a Board of Governors member ceases to be in
good standing while in office, that member may be removed. The Institute Director shall not be
eligible to serve as a Board of Governors member. Failure to meet the aforementioned qualifi-
cations shall be grounds for removal from the Board of Governors.

4. Term of Office. The term of office of each Board of Governors member shall be three (3) years and
may be renewed up to one (1) time; however, the Board of Governors member elected as President-
elect shall serve for consecutive one year periods as President-elect, President and Past President.
The term of any Board of Governors Member shall commence at the end of the Annual Member-
ship Meeting of the Board of Governors at which the term of the Board of Governors member’s
predecessor expires, except in cases where a Board of Governors member is inducted to complete an unexpired term.

A Board of Governors member may resign at any time by giving written notice of such resignation to the Secretary of the Board of Governors.

Any Board of Governors member shall continue service unless earlier having resigned or been removed, until a successor takes office.

5. Nominations and Elections

a. Nominating Committee. Institute nominations and elections shall be directed by a Nominations and Elections Committee, hereinafter referred to as the Committee, which has the responsibility of developing nominations for the Board of Governors and directing the elections. The Committee shall be formed each year not later than January 1 and shall meet before March 1 to develop nominations each year for one Board of Governors member and for the President-elect position.

i. A Nominations and Elections Committee shall be appointed annually by the Board of Governors. The Committee will consist of five members, constituted as determined by the Board of Governors. All five members of the Committee shall be Individual Members in good standing of Institute, and two shall be current Board of Governors members. The Committee shall elect a President of the Committee from its members.

ii. In assembling a slate of nominees, the Nominations and Elections Committee shall solicit and receive nominations from the general membership of the Institute and from Institute committees. Such nominations shall be received in the form of a nominating letter to the Committee.

iii. The Committee shall determine an annual slate of nominees, including one or more nominees for each position opened, normally two positions each year. Geographic distribution and representation of the full technical scope and professional function of the Institute shall be considered in establishing the slate of nominees. The slate of nominees and their occupational and geographical descriptions shall be submitted to the Board of Governors for their selection.

b. Official Nominees. Nominees selected by the Board of Governors shall be known as the Official Nominees. The Secretary shall notify all members of the Official Nominees for such offices either by a notice in the Institute newsletter or by individual mailing to each member of the Institute.

c. Nomination by Petition. No later than June 1, nominations by petition for the office of President-elect and Board of Governors member may be filed with the Secretary. Petitions for such nominations containing the signatures of at least 200 voting members of the Institute shall be filed with the Secretary as provided for in these Bylaws and shall be accompanied by a letter from the Petition Nominee in acceptance of the nomination. Nominees by petition shall be so designated on the ballot for electing officers.

d. Nominee Acceptance. Nominees shall be fully informed of the qualifications, duties and requirements of the office for which they are nominated and shall consent to their nominations. Nominations, written nominee acceptance, and a short resume of the Nominee must be forwarded to the Secretary on or before March 15.

e. President-elect. The President-elect shall assume the office of the President at the Annual Meeting marking the completion of the year in that office.

f. President. The President shall assume the office of the Past President at the Annual Membership Meeting marking the completion of the year in that office.

g. Past President. The Past President shall step down at the Annual Membership Meeting marking the completion of the year in that office. If the current Past President vacates office for any reason, the latest living and available Past President will serve out the remainder of the term.

h. Secretary and Treasurer. The Secretary and the Treasurer are chosen from among the four remaining Board of Governors members annually by a vote of the Board of Governors at their first meeting following the Annual Membership Meeting.

i. Election Process. The Institute election process will be in accordance with the Society’s Bylaws under Article VI, Sections 10 through 12, with the President and Board of Governors
taking responsibility for the election process instead of the Society. Zones and District references are not applicable to the operations of the Institute.

j. Announcement of Election Results. The Secretary shall announce immediately to the membership the names of the officers elected. These announcements will appear in the Institute newsletter and in the Society’s official publication(s).

6. Vacancies. Whenever a vacancy occurs in an elected position on the Board of Governors by death, resignation, or other than by expiration of a Board of Governors member’s term, it shall be filled without undue delay by majority of the remaining Board of Governors members. The delay shall be not longer than the unexpired remainder of the term.

Whenever any vacancy occurs in an appointed position of the Board of Governors by death, resignation, or otherwise than by expiration of an Board of Governors member’s term, it shall be filled for the remainder of the term without undue delay by a direct appointment of the Society President.

7. Compensation of Members of Board of Governors. Individual members of the Board of Governors, as such, shall not receive any salary or other compensation for their services as Board of Governors members, but they shall be entitled to reimbursement of reasonable expenses, if any, incurred by them as Board of Governors members, under procedures established by the Board of Governors.

8. Rules. The Board of Governors may establish rules that are consistent with these Bylaws for the policies, procedures, and programs of the Institute.

9. Removal. Elected officers may be recalled from office by a two-thirds vote of the Board of Governors.

Article IX. Finance

1. Fiscal Year. The fiscal year of the Institute shall be from October 1 through September 30.

2. Assets. All assets held by or for the Institute are vested in the Society and shall be handled according to its fiscal policies.

3. Fiscal Responsibility. The Institute Board of Governors, with due responsibility to the Society Board of Direction, shall oversee the funds and assets of the Institute and shall direct the Institute Director in their management. Neither the Institute nor any individual Board of Governors member, Institute officer, member, employee, or representative thereof shall have any authority, as such, to contract debts for, pledge the credit of, or in any way financially bind the Society.

4. Institute Budget. The Institute budget must be approved by the Institute Board of Governors in accordance with guidelines established by the Society Board of Direction. Gross annual changes of in excess of plus or minus five (5) percent must be approved by the Society Board of Direction. Any changes to the budget and any expenditures in excess of budgeted amounts or for unbudgeted items must be approved by the Institute Board of Governors in accordance following the same process as in the Society Bylaws, with the Board of Governors acting in place of the Society Board of Direction.

5. Revenues. The Institute may raise revenue by means other than dues from members and fees for publications, provided such means are consistent with Society policy and the maintenance of the Society’s tax-exempt status. Any proposed solicitations, and the proposed acceptance of any grant or donation which contains any restriction, shall first be submitted to and approved as permissible by the Society Executive Director, who shall investigate and notify the Institute of his/her determination, including any restrictions or modifications on which approval is conditioned. In the event that the Institute’s revenues exceed its expenditures, the Society shall create a general reserve fund therefor, and the Institute shall control this reserve and may use funds from this reserve for programs and activities of the Institute.

Subsequent to the end of the start-up period, any annual deficit incurred by Institute activities shall be charged to such general reserve fund.

6. Records. The books and accounts of the Institute shall be kept by the Director of the Institute.

7. Reporting. At the close of each fiscal year, the Institute Director shall provide a preliminary statement of the affairs of the Institute, including, but not limited to, a balance sheet and fiscal statement of operations for the preceding year, which shall be submitted to the Institute Board of Governors and to the Society Board of Direction within sixty (60) days from the close of the fiscal year.
8. **Audit.** The Institute Director shall procure annually an external financial review of the books and records of the Institute. Such audit may be performed in conjunction with the Society’s annual audit. The books and records shall be made available to the Society Treasurer or designee on reasonable notice.

**Article X. Committees**

1. **Organizational Elements.** The Board of Governors may by resolution and at its discretion, define, establish and discharge organizational elements such as divisions, standing committees, student chapters, local chapters, and task committees as necessary or desirable to conduct the affairs of Institute. Establishment of any organizational elements shall be by means of a charter, which shall define the mission of the element and the term of the charter. These elements will report directly to the Board of Governors through an Executive Committee of the element or through the hierarchy established by the Board of Governors. Chairs of each element will be nominated and approved by the Board of Governors.

   Committee chairs shall return a committee’s tangible property and records, and all records relating to any intangible property and work product of the committee to the Institute when discharged, or when requested by the Board of Governors. Such materials, and any intangible property including work products of the committee belong to the Institute. All divisions, local chapters, student chapters, committees (including any subcommittees), and all special delegates and representatives unless otherwise directed by the Board of Governors, shall be governed by this provision.

   Committees of the Institute may be directed to establish written operating policies and procedures, which shall require approval of the Board of Governors for adoption and amendment.

**Article XI. Administration**

1. **Robert’s Rules.** All business meetings of Institute and meetings of its Board shall be governed by the rules contained in *Robert’s Rules of Order, Newly Revised*, in all cases to which these rules are applicable and in which such rules are not inconsistent with the Society and/or Institute Constitution, Bylaws, and Rules.

2. **Dissemination of Information.** Electronic communications shall be encouraged to ease the exchange of ideas and methods among Institute members.

3. **Relationship to Society.** Fees for services provided to the Institute by the Society shall be set by written agreement between the Institute and the Society.

   The Society shall have the right of first refusal on the provision of services for the delivery of Institute products and services. In the event that the Institute develops a product or service on its own, it must meet Society standards for quality.

   Property and Records of the Institute shall belong to the Society.

   The Institute may issue its own statements of policy but must identify them as such. Any amplification, interpretation, or application of Society policies other than by the Society Board of Direction must be clearly identified as the views of the component so engaged and not of the Society. No action shall be taken by the Institute which may be deemed to express an attitude or action of the Society, but resolutions or recommendations may be addressed to the Society Board of Direction for consideration or approval and promulgation.

   The Institute may conduct conferences and conventions by itself or acting in conjunction with other units of the Society or other affiliated organizations subject to the right of first refusal defined in the second paragraph of this Section.

4. **Relationships with Other Associations and Federations.** The Institute may form relationships with other groups and may serve as the United States of America member society to various international organizations, as approved by the Institute.

5. **Publications.** Publications of the Institute shall be consistent with Society policies except as provided in written agreements that may exist between the Society and the Institute.

   The Institute may develop journals, magazines, Manuals of Practice, and Standards by itself or in conjunction with the Society or other organizations. The Society shall have the right of first refusal to act as the Publisher of such publications.
Members of the Institute who are not members of the Society shall be entitled to receive publications of the Institute at the Society member rates and other Society publications at the rates determined by the Society and the Institute Board of Governors.

6. Indemnification. Officers, the Institute Director, and Institute staff and agents, in their respective capacities as such, each shall have the same rights of indemnification from the Society as do Society Directors, officers, employees, and agents.

Article XII. Dissolution
At any duly constituted meeting of the Board of Governors, by a two-thirds vote, the Institute’s Board of Governors may vote to recommend dissolution of the Institute by the Society Board of Direction, provided that a written notice of this proposed action shall have been given at a previous meeting of the Board of Governors, and provided further that the proposed dissolution shall have been published, together with an announcement soliciting membership comments, in an Institute, Society, or third party publication that normally reaches the entire membership of the Institute, or shall have been sent to the membership by other means.

Article XIII. National Architectural Engineering Foundation
The National Architectural Engineering Foundation (NAEF) is the Institute’s official fundraising organization. NAEF obtains funds to develop and support the Building Architectural Engineering exam. NAEF is a not-for-profit 501(c)3 organization under the Internal Revenue Code. NAEF is granted the authority to operate like an Institute committee and to report to the Board of Governors in accordance with Article X herein.

Article XIV. Amendment
The Institute Bylaws may be amended at a duly constituted meeting of the Board of Governors by a two-thirds majority of those present and voting, provided that a written notice of such proposed amendment shall have been given at a previous meeting of the Board of Governors, and provided further that the proposed amendment shall have been published, together with an announcement soliciting membership comments, in an Institute, Society, or third party publication that normally reaches the entire membership of the Institute, or shall have been sent to the membership by other means.

No amendment to these Bylaws becomes effective until it is approved by the Society Board of Direction.
ARCHITECTURAL ENGINEERING INSTITUTE

Board of Governors

Mark A. McAfée, P.E., FAEI, President
Adam W. Hapij, P.E., M.ASCE, President-elect
Ali M. Memari, Ph.D., P.E., F.ASCE, Past President
Robert Grottenthaler, P.E., LEED AP, M.AEI
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Moses D. Ling, P.E., M.AEI
James A. Ruggieri, P.E., BSCP, M.ASCE
Mark P. Sarkisian, P.E., M.ASCE
John A. Zachar, Ph.D., P.E., M.ASCE
Carol A. Kurlancheek, P.E., LEED AP, M.ASCE

Administrative Committees

Academic Council

Purpose: to provide direction, leadership and career guidance in undergraduate and graduate Architectural Engineering curriculum. To work together to help create and oversee ABET Program Criteria, the faculty terminal degree and promote and guide the academics to industry while advancing the status of Architectural Engineering.

Russell Murdock, P.E., Chair
Chimay J. Anumba, Ph.D., P.E., F.ASCE
Gouranga C. Banik, Ph.D., P.E., F.ASCE
Stuart W. Baur, Ph.D., A.M.ASCE
Jorge A. Caeiro
Wai Kiong Chong, Ph.D., A.M.ASCE
Anthony Denzer
Tahar El Korchi, A.M.ASCE
Ece Erdogmus, P.E., M.ASCE
Allen C. Estes, Ph.D., P.E., M.ASCE
Gongkang Fu, Ph.D., P.E., M.ASCE
James J. Glusing, A.M.ASCE
Sameer A. Hamoush, P.E., M.ASCE
Gregor P. Henze, Ph.D., P.E.
James E. Mitchell, P.E., M.ASCE
John J. Phillips, P.E.
Christopher Raebel
James A. Swanson, A.M.ASCE
Jeffery S. Volz, D.Eng., P.E., S.E., M.ASCE
Filza H. Walters
Gang Wang, Ph.D.

Architectural Engineering Exam

Purpose: the Architectural Engineering Exam Committee is responsible for the development and maintenance of the Principles and Practices of Engineering (PE) examination in Architectural Engineering (AE). This committee is the liaison between AEI and the National Council of Examiners for Engineering and Surveying (NCEES) on AE exam issues and will represent AEI on NCEES committees.

Raphael A. Yunk, LEED AP, P.E., M.ASCE, Chair
Russell Murdock, P.E., Vice-Chair
Ron C. Larsen, P.E., S.E., M.ASCE
Mark A. McAfée, P.E., FAEI
David Meredith
John A. Rizzo, P.E.
Daren Shumate, P.E., M.ASCE

ASCE Charles Pankow Foundation Architectural Engineering Student Competition

Purpose: Task Committee to organize and administer the ASCE Charles Pankow Foundation Annual Architectural Engineering Student Design Competition.

Kenna M. Chapin, P.E., Chair
Mena R. Bebawy
Michael L. Bell
Wai Kiong Chong, Ph.D., A.M.ASCE
Jonathan U. Dougherty, Ph.D., A.M.ASCE
Ralph Nelson
Shaun A. Nienhueser
M K. Parfitt, P.E., FAEI, M.ASCE
Filza H. Walters
Daihong Yu, S.M.ASCE

Awards

Purpose: to recommend recipients for all Society awards for which the members of the Architectural Engineering Institute may be eligible, and to recognize the achievements and contributions of members by developing and maintaining an architectural engineering awards program.
Communications

Purpose: To establish the content of the Institute eNewsletter, determine the need for additional newsletters, gather information for the website, and provide content for these and any additional communications to the membership.

Continuing Education

Purpose: to develop programs and provide educational opportunities that will enhance the career development and continuing professional development of persons involved in the professional practice of architectural engineering. Study emerging issues that may impact the practice of architectural engineering and find ways to bring them to the attention of the AEI membership.

Executive Council

Purpose: to provide executive industry leadership for AEI by fostering synergies between the industry leaders, leading academic institutions, and future student leaders of the architectural engineering profession.

Journal of Architectural Engineering Editorial Board

Purpose: To establish, promote and administer the publication of the Journal of Architectural Engineering.

Membership

Purpose: to increase active membership of the AEI.

Conference

Technical Committees

Building Enclosure Systems

Purpose: to promote dissemination of research on the performance of building enclosures in residential structures subjected to extreme loads from winds and wind-driven rain.
**Building Information Modeling (BIM)**

Purpose: to examine the technical and professional issues and implications for the use of Building Information Modeling (BIM) tools within the design, construction, and operations of buildings.

Robert M. Leicht, Ph.D., A.M.ASCE, *Chair*  
Zhen Chen, Ph.D., M.ASCE  
Carrie S. Dossick, Ph.D., P.E., M.ASCE

John Messner  
Ryan Solnosky

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**Building Integration Solutions for Abnormal Demands**

Purpose: conduct assessments, study performance, propose guidelines for integrated building systems in the interest of identifying multidisciplinary solutions for buildings subjected to abnormal demands. The committee will officially inherit the work product of the AEI Katrina Task Committee.

Adam W. Hapij, P.E., M.ASCE, *Chair*  
Dorian Yurchuk, *Vice-Chair*  
Mohammed M. Ettouney, Ph.D., D.Sc, P.E., F.AEI, Dist.M.ASCE  
Harold J. Gordon, P.E., M.ASCE

Scott Hill  
Sarah O. Johnson, P.E., M.ASCE  
Mark Littler  
Mark P. Sarkisian, P.E., M.ASCE  
Mitchel W. Simpler

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**Building Rating System For Security**

Mohammed M. Ettouney, Ph.D., D.Sc, P.E., F.AEI, Dist.M.ASCE, *Chair*  
Sreenivas Alampalli, Ph.D., P.E., F.ASCE, F.S  
Amar A. Chaker, Ph.D., F.AEI, M.ASCE  
Martin Denholm, BSCP  
Mark M. Hankewycz, Aff.M.ASCE

Robert Lomb Jr., BSCP,BS  
Arturo Mendez  
Paul F. Miakar, Ph.D., P.E., F.S, Dist.M.ASCE  
Hasan A. Pekoz, P.E., A.M.ASCE  
James A. Ruggieri, P.E., BSCP, M.ASCE  
David C. Weggel, A.M.ASCE

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**Constructed Environment Preservation Engineering**

Purpose: to focus attention on the special considerations needed for addressing older structures. This will include evaluation, investigation, material compatibility, renovation and preservation. The major thrust would initially be on buildings and historic bridges. At present the remaining infrastructure would not be included, though this may be added subject to committee interest.

James S. Cohen, P.E., M.ASCE, *Chair*  
Mary Brush  
Robert S. Cotta, P.E., M.ASCE  
Donald Friedman, P.E., M.ASCE

David Logan  
Neil G. Moore, P.E., M.ASCE  
Ian Buckley

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**Curtain Wall Systems**

Purpose: to present different aspects of curtainwalls to engineers, architects, building officials, and vendors. Some of these aspects are: life cost, design and analysis methods, past and future, and case studies.

Dudley G. McFarquhar, Ph.D., P.E., M.ASCE, *Chair*  
Rick De La Guardia, M.ASCE, *Vice-Chair*  
Gary W. Brown, P.E., M.ASCE  
Charles D. Clift, P.E., F.ASCE  
Nicolangelo Cuoco, P.E., S.E., M.ASCE  
Mohammed M. Ettouney, Ph.D., D.Sc, P.E., F.ASCE, Dist.M.ASCE

Stephen L. Fisher, P.E., S.E., M.ASCE  
Shawn Li  
Faron A. Morris, P.E.  
Sophie Pennetier, A.M.ASCE  
Demetrios G. Stathopoulos, P.E., M.ASCE  
Wimal Suaris, Ph.D., P.E., M.ASCE

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**Seismic Effects on Nonstructural Components**

Purpose: to study the seismic behavior of nonstructural (architectural/mechanical/electrical) components and systems in buildings; to make design recommendations and disseminate information on the seismic analysis and design of these components and systems.

Ricardo A. Medina, Ph.D., P.E., M.ASCE, *Chair*  
Andres Lepage, A.M.ASCE, *Vice-Chair*  
Arash Esmaili Zaghi, P.E., M.ASCE, *Secretary*
Task Committee on C2P Electrical Installation Practice for Critical Facilities
Purpose: to develop standards for electrical load equipment, such as atmosphere segregation and hazardous agent monitoring systems, as well as changes to blast and shock considerations. The standards will also cover constraints not previously considered in the design of electrical systems building mission and life-safety systems.

James A. Ruggieri, P.E., BSCP, M.ASCE, Chair
Vytenis Babrauskas, Ph.D.
Rupert Chandler, Vice-Chair
James R. Hoover
Kenneth Stethem

Task Committee on Facade Access Design Guidelines
Purpose: to develop and establish a "best practices" guideline for the structural design, evaluation, and testing of facade access equipment.

Gwenyth R. Searer, P.E., S.E., M.ASCE, Chair
Francis H. Laux, R.A., Aff.M.ASCE, Vice-Chair
Howard J. Hill
Leonard Joseph
Rolf A. Larson
Jonathan E. Lewis, S.E., M.ASCE
Khalid M. Mosalam, Ph.D., P.E., M.ASCE
Karl J. Rubenacker, P.E., S.E., M.ASCE

Task Committee on Fire Protection & Life Safety
Purpose: to address fire safety in buildings not addressed by other ASCE committees. Therefore, the goal is to develop a document of guidelines for fire protection in buildings. The sole objective is to produce this document to address current issues related to fire safety. Topics include looking at the NIST recommendations from the WTC investigation.

David Jacoby, P.E., M.ASCE, Chair
Cornelius Albrecht
Jason Averill
Rupert Chandler
Chris Marion
Ali M. Memari, Ph.D., P.E., F.ASCE
James A. Ruggieri, P.E., BSCP, M.ASCE
David M. Smith, A.M.ASCE

Task Committee on Green Roof Design Guidelines
Purpose: to develop and publish a multi-disciplinary manual for green roofing. The Green Roof Design Manual will provide a summary of existing green roof literature that can be used in green roof design and system evaluation in addition to fill in gaps where existing documentation is lacking.

Amy L. Hackney, LEED AP, P.E., M.ASCE, Chair
Paul E. Oyen
Paulo C. Tabares-Velasco
Robert Berghage Jr., Ph.D.
The former Waterway, Port, Coastal and Ocean (WPCO) Division was a small but very active part of ASCE’s Technical Activities Committee (TAC). The members of the WPCO Division strongly supported and created the Coasts, Oceans, Ports and Rivers Institute (COPRI). Enrollees of this former Division comprise COPRI’s Founding membership.

Created on October 1, 2000, COPRI replaces ASCE’s WPCO Division, and serves as a multidisciplinary and international leader in improving knowledge, education, development, and the practice of civil engineering and other disciplines in the coastal, ocean, port, waterways, riverine, and wetlands environments for the benefit of society. The Institute advances and disseminates scientific and engineering knowledge to professionals in diverse disciplines engaged in the development and protection of coasts, oceans, ports, waterways, rivers, and wetlands. The Institute also fosters communication and cooperation among domestic and international members of the government, industry, and education communities.

COPRI offers benefits and services designed to support the career success of its members as well as providing opportunities to give back to their profession. COPRI offers the following career and professional growth opportunities:

- A network with ocean, coastal, port, waterway, riverine and wetlands professionals
- Participation in technical activities, products and services performed by committees and task-committees
- Development of leadership skills through a series of progressively more responsible volunteer opportunities
- *WaterWays*, the COPRI newsletter, to keep members informed of activities within the Institute
- Discounts on COPRI publications and specialty conferences on topics such as:
  - Coastal Disasters
  - Coastal Engineering Practice
  - Coastal Structures
  - Dredging
  - Offshore Technology
  - Ports
- Subscription discount on COPRI’s *Journal of Waterway, Port, Coastal, and Ocean Engineering*

For more information visit COPRI at: [www.asce.org/copri](http://www.asce.org/copri)

The 2014 Governing Board Members are:

Jane McKee Smith, Ph.D., P.E., D.CE, M.ASCE, President
Andrew H. Cairns, P.E., PMP, M.ASCE, Vice President
Patrick J. Hudson, Ph.D., P.E., M.ASCE, Past President
Thomas H. Wakeman, III, D.Sc, Dist.D.NE, Dist.D.PE, M.ASCE
Paul A. Work, P.E., D.CE, M.ASCE, Secretary
Scott C. Hagen, Ph.D., P.E., D.CE, M.ASCE, Treasurer
William H. Hanson, A.M.ASCE, ASCE Representative

Staff Contacts:
- Tom Chase, Director
- Angie Lander, Manager
Coasts, Oceans, Ports, and Rivers Institute Bylaws

ARTICLE I. NAME
The name of this Institute shall be The Coasts, Oceans, Ports, and Rivers Institute (hereinafter referred to as COPRI of the American Society of Civil Engineers (hereinafter referred to as the Society).

ARTICLE II. VISION
COPRI will serve as a multidisciplinary and international leader in improving knowledge, education, development, and the practice of civil engineering and other disciplines in the coastal, ocean, port, waterways, riverine, and wetlands environment for the benefit of society in the United States and other countries.

ARTICLE III. MISSION
COPRI serves its members and society by uniting the disciplines dealing with coasts, oceans, ports and rivers to integrate key stakeholders into the decision making process, to advance the state of the art and the practice, and to influence public policy.

ARTICLE IV. GENERAL ORGANIZATION
COPRI is organized within the Society. All policies and activities of COPRI shall be consistent with and subject to:

- the Society Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure and Code of Ethics;
- applicable federal, state, and local antitrust, trade regulation, and other laws, regulations and legal requirements;
- all requirements to maintain the status of the Society as a not-for-profit organization exempt from Federal income tax under sections 501(a) and 501(c)(3) of the Internal Revenue Code of 1954, as amended, (hereinafter referred to as the Code) qualifying at all times as an organization to which tax deductible contributions may be made pursuant to applicable sections of the Code;
- all requirements imposed by relevant jurisdiction for maintenance by the Society of any license, permit, or authority it may hold to conduct activities and do business as a foreign not-for-profit corporation within that jurisdiction; and
- such other policies and procedures as are authorized under these documents.

The COPRI Governing Board may define, establish and discharge organizational elements such as ad hoc and standing committees, student chapters, local chapters, and task committees as necessary or desirable to conduct the affairs of COPRI.

ARTICLE V. MEMBERSHIP
1. Membership Categories.
Membership in COPRI shall be open to any Society member in good standing as well as to all other persons and organizations interested in advancing the vision and mission of COPRI.

- **Member**—individuals who are engaged in the development of policies and programs related to coasts, oceans, ports, waterways, rivers, or wetlands, including the planning, design, construction, operation, management and regulation of associated engineered works who submit a properly completed application to COPRI.

- **Student Member**—full-time students interested in the coastal, oceans, ports, waterways, rivers, or wetlands resources fields of professional practices who submit a properly completed application to COPRI.

- **Honorary Member**—an individual with exemplary service to COPRI and the profession, as recognized by the COPRI Governing Board.

- **Fellow Member**—There shall be no direct admission to COPRI in this grade. Admission shall be only by advancement from the grade of Member. To be eligible for advancement to the grade of Fellow, a Member shall:
  a. be a legally licensed engineer or land surveyor in the country in which the Member resides (if such licensure is available); and
  b. hold active Member grade in COPRI for not less than ten cumulative years; and
  c. be nominated by
i. the assigned Technical or Administrative Committee, accompanied by the signature of Chairman of the Committee; or
ii. a voting Member of COPRI, accompanied by the signed recommendations of five (5) voting Members of COPRI if the candidate is not assigned to a Technical or Administrative Committee; and

d. demonstrate notable achievement in responsible charge of engineering work and professional attainment, and exhibit distinction in upholding the Fundamental Principles and Canons of the Society’s Code of Ethics, through tangible evidence as verified by the Membership Committee of COPRI.

- **Organizational Member**—associations, government agencies, or corporations engaged in the planning, design, construction, material supply, professional, technical, or educational aspects of the coastal, oceans, ports, waterways, rivers, or wetlands resources industries. Organizational Membership does not imply that all individuals of the organization are members of COPRI. The Organizational Member category includes the following:
  - **Association Member**: A professional, technical, or educational society or similar entity organization.
  - **Government Member**: A federal, state, local or international government agency.
  - **Corporate Member**: For-profit organizations, including public utilities, whether incorporated or not.

Organizational Members shall appoint a single individual to represent the organization in COPRI activities. The Organizational Member’s appointee shall be called a “Representative”.

2. **Member Participation**

Members in good standing may be appointed to and participate on COPRI committees; may vote on all COPRI procedural issues and elections put forth for the general membership. A member whose dues and other charges are not in arrears shall be considered in good standing.

Representatives in good standing may participate in COPRI activities, except for service on the Board of Governors. A Representative may be a voting member of a COPRI committee, but may not serve as committee chair unless the individual is also a member. A Representative may not vote on COPRI procedural issues or elections, unless the Representative is also a member. A Representative of an Organizational Member in compliance with the Agreement signed between COPRI, the Society and the organization shall be considered in good standing.

3. **Non-Member Participation**

At the discretion of the COPRI Governing Board, non-members of COPRI may serve on any COPRI Committees.

4. **Expulsion**

Any member or representative may be expelled from COPRI for conduct in violation of the COPRI Bylaws, COPRI rules and regulations or the Society Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure or Code of Ethics, as applicable, or for conduct which in the sole opinion of the COPRI Governing Board is improper and prejudicial to the best interest of the Society or COPRI. A decision-to-expel shall be preceded by a fair hearing at a meeting of the COPRI Governing Board, such meeting to be held in Executive Session if so requested by the member or representative under consideration for expulsion.

Separation from membership in COPRI and disciplinary proceedings shall follow the procedures outlined in the Society Bylaws. Decisions of the COPRI Governing Board shall not be open to appeal except in cases involving recommendation by the COPRI Governing Board to expel a Society member from COPRI, in which case an appeal may be made to the Society Board of Direction, whose decision is final.

Cases involving Society members accused of violating the Society Code of Ethics shall be referred to the Society Committee on Professional Conduct.

**ARTICLE VI. DUES**

Membership dues shall be established by the COPRI Governing Board. Dues shall be payable annually in advance of January 1. A person or organization elected to membership in COPRI after June 30 in any calendar year shall pay one-half of the annual dues for that calendar year. The annual dues payable by COPRI membership shall be set by a majority vote of the COPRI Board of Governors, and shall not be changed more often than every two years.
ARTICLE VII. COMPOSITION, ELECTION, AND APPOINTMENT OF THE COPRI GOVERNING BOARD

1. COPRI Governing Board Composition

The affairs, activities, and concerns of COPRI shall be under the direction of the COPRI Governing Board.

The COPRI Governing Board shall have seven (7) voting members in accordance with the following:

- one (1) COPRI Governing Board member elected by the various committees representing the Coasts;
- one (1) COPRI Governing Board member elected by the various committees representing the Oceans;
- one (1) COPRI Governing Board member elected by the various committees representing the Ports;
- one (1) COPRI Governing Board member elected by the various committees representing the Rivers and Waterways;
- one (1) COPRI Governing Board member appointed by the Society Board of Direction; and
- two (2) COPRI Governing Board members, appointed by the President of COPRI with a majority consent of the COPRI Governing Board, one (1) of whom shall serve as Secretary and one (1) who shall serve as Treasurer.

2. Duties

The COPRI Governing Board shall manage the affairs of COPRI in accordance with the laws under which COPRI is organized. The COPRI Governing Board has fiduciary, legal and strategic planning responsibilities. The COPRI Governing Board shall focus on strategic planning and policy guidance to ensure COPRI works toward fulfilling its vision and its mission.

3. Qualifications

All COPRI Governing Board members must be a Member, Honorary Member or Fellow, members in good standing of COPRI and also a member in good standing of the Society. A COPRI Governing Board member who ceases to be in good standing while in office shall be removed.

4. Terms of Office

The terms of office of the elected COPRI Governing Board members shall be four (4) years and shall not be renewed. The terms of the elected COPRI Governing Board members shall be staggered so that no more than two (2) COPRI Governing Board members’ terms expire at the end of each fiscal year. All COPRI Governing Board member terms begin at the start of the fiscal year.

The term of office of all appointed COPRI Governing Board members shall be for four (4) years. Appointed COPRI Governing Board Members who have completed their term of offices are eligible to become elected as Board Members. Elected Board Members on the completion of their terms may be appointed as Governors with the approval of ¾ of the sitting Governors.

5. Designation of Officers

The four (4) elected COPRI Governing Board members representing the technical committees shall serve on the COPRI Governing Board in accordance with the following order of succession: first year as a Non-Officer Member of the COPRI Governing Board; second year serving as Vice-President; third year serving as President; and fourth year serving as Past-President.

The appointed COPRI Governing Board members shall not serve as President, or Vice-President.

The term of any COPRI Governing Board member shall commence after the term of the COPRI Governing Board member’s predecessor expires, except in cases where a COPRI Governing Board member is appointed to fill a vacancy.

6. Filling a Vacancy on the COPRI Governing Board

Whenever a vacancy occurs on the COPRI Governing Board for any reason other than by the normal completion of a COPRI Governing Board member’s term of office, the vacancy shall be filled without undue delay by the same process and representing the same constituency as used to originally fill the position.
COPRI BYLAWS

To allow for situations where a COPRI Governing Board vacancy is caused by a resignation, death or removal of an elected Board member, the COPRI Governing Board is authorized to designate a term of not less than three (3) years nor more than five (5) years for a replacement to allow a proper rotation of Board Officers as outlined below.

If elected to fill a vacancy in a non-expired term, the replacement term in office shall be governed by the three (3) to five (5) year rule as outlined above. The replacement shall start in the position of Non-Officer Member. Elected COPRI Governing Board members serving at the time of a vacancy shall move ahead in the rotation of officers, in order of rotation of officers to fill the vacant position.

7. Compensation

Individual members of the COPRI Governing Board shall not receive any salary or other compensation for their services as COPRI Governing Board members, but they shall be entitled to reimbursement of reasonable expenses, if any, incurred by them as COPRI Governing Board members, under procedures established by the COPRI Governing Board.

8. Rules, Policies, and Procedures

The COPRI Governing Board may establish such rules, policies, and procedures as are consistent with these Bylaws for the purpose of fulfilling the mission and programs of COPRI.

9. Removal

Any COPRI Governing Board member may be removed from the COPRI Governing Board for cause by a two-thirds vote of the COPRI Governing Board. The COPRI Governing Board member appointed by the Society may be removed from the COPRI Governing Board for cause by a two-thirds (2/3) vote of the COPRI Governing Board and the concurrence of the Society Board of Direction.

Any COPRI Governing Board member who does not attend two (2) consecutive meetings of the COPRI Governing Board will be automatically removed from the COPRI Governing Board as of the conclusion of such second meeting, unless retained by the majority vote of the COPRI Governing Board before the conclusion of such second meeting.

ARTICLE VIII. OFFICERS

1. Officers

The officers shall be the President, Vice-President, Past-President, Secretary, and Treasurer.

2. Duties

• **President**—The President, on behalf of the COPRI Governing Board, shall prepare and distribute to the membership an Annual Report for the preceding fiscal year within ninety (90) days of the conclusion of the previous fiscal year.

  The President shall preside at all meetings of the COPRI Governing Board and all general and special meetings of the members of COPRI. The President shall call special meetings of the COPRI Governing Board or of the members as may be deemed proper.

  The President shall be empowered to nominate chairpersons and members to Administrative Committees as deemed necessary for the effective functioning of COPRI, subject to approval of the COPRI Governing Board.

  The President or the appointed designee shall attend regular and special meetings of the Society Board of Direction, and report at such meetings on COPRI affairs, if requested by the Society Board of Direction.

  The President shall be a voting member of the COPRI Governing Board and shall be permitted to make and second motions.

• **Vice-President**—In the temporary absence or disability of the President, the Vice-President shall discharge the duties of the President.

• **Past-President**—The Past-President shall chair the Council of Past Presidents.

• **Secretary**—The Secretary, with the assistance of the Assistant Secretary/Assistant Treasurer, shall give notice of, attend and keep minutes of all meetings of the COPRI Governing Board, and shall perform other such duties as may from time to time be assigned by the COPRI Governing Board.

• **Treasurer**—The Treasurer, with the assistance of the Assistant Secretary/Assistant Treasurer, shall monitor the management of the financial affairs of COPRI and shall present an annual financial report within ninety (90) days of the close of the fiscal year.
Assistant Secretary/Assistant Treasurer—The staff member of the Society designated to be Staff Director, or equivalent title for COPRI, shall serve as the Assistant Secretary/Assistant Treasurer. The Assistant Secretary/Assistant Treasurer shall assist the Secretary to give notice of, and keep minutes of all meetings of the COPRI Governing Board, have custody of the minutes; attend all COPRI Governing Board meetings; prepare and distribute to the membership the annual status report; disclosing the financial position of COPRI and such other information as may be deemed appropriate by the President; shall monitor management of the financial affairs of COPRI; shall prepare an annual financial report within ninety (90) days of the close of the fiscal year. The Assistant Secretary/Assistant Treasurer is not a member of the COPRI Governing Board.

The Staff Director will be responsible to the COPRI Governing Board and follow the COPRI Bylaws and policies. The Staff Director is the Chief Operating Officer/general manager of COPRI, receives policy, program and budget direction from the COPRI Governing Board and is responsible for the day-to-day management of COPRI. The Staff Director will be employed by the Society and subject to Society employment rules. The Staff Director’s annual review will be done by the Society Executive Director in conjunction with the Past President of the COPRI Governing Board.

The Staff Director shall appoint all COPRI staff, independent contractors and other suppliers subject to direction by the COPRI Governing Board. Compliance with Society policies and procedures shall be applicable to and binding on COPRI.

ARTICLE IX. MEETINGS

1. Scheduled Meetings of the COPRI Governing Board
The COPRI Governing Board must meet at least annually to conduct any business that might properly come before it. The place, date, and agenda items of this annual meeting shall be fixed by the President of the COPRI Governing Board. All COPRI Governing Board members shall be given at least thirty (30) days notice of meetings.

Additional scheduled meetings of the COPRI Governing Board may be held each year, at times and locations designated by the President. Notice and agenda items for additional meetings are as defined above.

2. Special Meetings of the COPRI Governing Board
Special meetings of the COPRI Governing Board may be called by the President at any time or by either the President or Staff Director upon the request of any three (3) COPRI Governing Board members. At such meetings, there shall be considered only such business as is specified in the meeting notice. At least fifteen (15) days advance notice of any such special meeting shall be given by the Staff Director to members of the COPRI Governing Board.

3. Quorum
At all meetings of the COPRI Governing Board, a simple majority of the COPRI Governing Board shall be sufficient to constitute a quorum for the transaction of business, and the act of a simple majority of the Board of Governors present at any meeting at which there is a quorum shall be the act of the COPRI Governing Board, except as may be otherwise specifically provided by these Bylaws or other applicable instrument or law. If at any meeting there is less than a quorum present, the presiding officer shall adjourn the meeting to another time and place. Proxy voting is not permitted.

4. Special Conditions
Any action may be taken without a meeting provided the COPRI Governing Board unanimously approves the action in writing. Writing includes emails and facsimiles.

Members of the COPRI Governing Board may participate in any meeting of the COPRI Governing Board by telephone conference or similar communications equipment by means of which all persons participating in the meeting can hear each other and such participation in a meeting shall constitute attendance at the meeting.

5. Attendance
The Staff Director or designee shall be present at all meetings of the COPRI Governing Board, except for Executive Sessions of the COPRI Governing Board, for which the Staff Director may or may not be present, as the COPRI Governing Board may direct.

6. Special Institute Meetings
Special meetings of COPRI membership may be called by the COPRI Governing Board at any time.
The COPRI Governing Board shall call a special meeting of COPRI membership upon written request of not less than ten percent (10%) of the members, which request shall state the purpose of the meeting. Notice of a special meeting shall be published not less than thirty (30) days prior to the meeting in COPRI, Society or third party publication that normally reaches the entire membership of COPRI or shall have been sent to the membership by other means.

**ARTICLE X. FINANCE**

1. **Fiscal Year**  
The fiscal year of COPRI shall be from October 1 through September 30.

2. **Assets**  
All assets held by or for COPRI are vested in the Society and shall be handled according to the Society’s fiscal policies.

3. **Fiscal Responsibility**  
The COPRI Governing Board, with due responsibility to the Society Board of Direction, shall oversee the funds and assets of COPRI and shall direct the Staff Director in their management. No COPRI Governing Board member, COPRI officer, COPRI member, or representative thereof shall have any authority, as such, to contract debts for, pledge the credit of, or in any way financially bind the Society.

4. **Institute Budget**  
The COPRI budget must be approved by the COPRI Governing Board.

5. **Records**  
The books and accounts of COPRI shall be kept by the Staff Director.

6. **Reporting**  
At the close of each fiscal year, the Staff Director shall provide a preliminary statement of the affairs of COPRI, including, but not limited to, a balance sheet and fiscal statement of operations for the preceding year, which shall be submitted to the COPRI Governing Board and to the Society Board of Direction within ninety (90) days from the close of the fiscal year.

7. **Revenues**  
COPRI may raise revenue by means other than dues from members and fees from publications, provided such means are consistent with Society policies and the maintenance of the Society’s tax-exempt status. Any proposed acceptance of solicitations, grants, or donations which contain any restriction, shall first be submitted to and approved by the Society Executive Director. COPRI shall create a general reserve fund in accordance with the Society policy.

8. **Audit**  
The Staff Director shall procure annually an external financial review of the books and records of COPRI. Such audit may be performed in conjunction with the Society’s annual audit. The books and records shall be made available to the Society Treasurer or designee on reasonable notice.

**ARTICLE XI. COMMITTEES**

**General**

The COPRI Governing Board, with a simple majority vote, may establish or disband technical committees, administrative committees or task groups.

**ARTICLE XII. ADMINISTRATION**

1. **Parliamentary Authority**  
All membership meetings of COPRI and meetings of its COPRI Governing Board shall be conducted according to *Robert’s Rules of Order, Newly Revised*, in all cases to which these rules are applicable and in which such rules are not inconsistent with the Society and/or COPRI Constitution, Bylaws, and Rules of Policy and Procedure.

2. **Dissemination of Information**  
Electronic communication shall be encouraged to ease the exchange of ideas and methods among COPRI members.
3. Relationship to the Society

Fees for services provided to COPRI by the Society shall be set by written agreement between COPRI and the Society.

The Society shall have the right of first refusal on the provision of services for the delivery of COPRI products and services, unless otherwise agreed by the Executive Director of the Society. In the event that COPRI develops a product or service on its own, it must meet Society standards for quality.

All Property and Records of COPRI shall belong to the Society.

COPRI may issue its own statements of policy but must identify them as such. Any amplification, interpretation, or application of Society policies other than by the Society Board of Direction must be clearly identified as the views of the component so engaged and not of the Society. No action shall be taken by COPRI, which may be deemed to express an attitude or action of the Society, but resolutions or recommendations may be addressed to the Society Board of Direction for consideration or approval and promulgation.

COPRI may conduct conferences and conventions by itself or acting in conjunction with other units of the Society or other affiliated organizations subject to the terms and conditions described in the Memorandum Of Understanding (MOU) then in place between the Society and COPRI.

4. Relationships with Other Organizations

COPRI may form relationships with other groups and may serve as the United States of America member society to various international organizations, as approved by COPRI. These relationships shall not be in conflict with Society policies.

5. Publications

Publications of COPRI shall be consistent with written agreements that exist between the Society and COPRI. The Society shall have the right of first refusal to act as the Publisher of such publications in accord with the terms and conditions of the MOU then in place between the COPRI and the Society.

COPRI may develop journals, magazines, Manuals of Practice, miscellaneous publications and Standards by itself or in conjunction with the Society or other organizations.

All members of COPRI shall be entitled to receive COPRI publications at member rates and other Society distributed publications at the rates determined by the Society.

6. Electronic Media

COPRI may develop electronic information storage and communications media for any purpose consistent with the COPRI’s vision and mission including the storage and retrieval of operational data and publications.

7. Indemnification

The Society shall indemnify COPRI’s Officers, Staff Director, members, employees, and agents, in their respective capacities as such, by providing each the same rights of indemnification are given by the Society to Society Officers, members, employees, and agents.

ARTICLE XIII. DISSOLUTION

At any duly constituted meeting of the COPRI Governing Board, by a two-thirds (2/3) vote, the COPRI Governing Board may vote to recommend dissolution of COPRI by the Society Board of Direction, provided that a written notice of this proposed action shall have been given at a previous meeting of the COPRI Governing Board, and provided further that the proposed dissolution shall have been published, together with an announcement soliciting member comments, in COPRI, Society, or third party publication that normally reaches the entire membership of COPRI, or shall have been sent to the membership by other means.

ARTICLE XIV. AMENDMENT

Except as otherwise stated herein, these Bylaws may be amended at a duly constituted meeting of the COPRI Governing Board by a two-thirds (2/3) majority of those present and voting, provided that a written notice of such proposed amendment shall have been given at a previous meeting of the COPRI Governing Board, and provided further that the proposed amendment shall have been published, together with an announcement soliciting member comments, in COPRI, Society, or third-party publication that normally reaches the entire membership of COPRI, or shall have been sent to the membership by other means.

No amendment to these Bylaws shall be effective until approved by the Society Board of Direction.
COPRI COMMITTEES

COASTS, OCEANS, PORTS, AND RIVERS INSTITUTE

Established as an Institute of ASCE on October 1, 2000, the membership of this Institute is comprised of the former TAC - Waterway, Port, Coastal and Ocean Division enrollees.

Governing Board

Jane M. Smith, P.E., D.CE, M.ASCE, President
Andrew H. Cairns, P.E., PMP, M.ASCE, Vice President
Patrick J. Hudson, Ph.D., P.E., M.ASCE, Past President
Paul A. Work, P.E., D.CE, M.ASCE, Secretary
Scott C. Hagen, Ph.D., P.E., D.CE, D.WRE, F.ASCE, Treasurer
William H. Hanson, Dist.D.NE, A.M.ASCE
Thomas H. Wakeman III, D.Sc, Dist.D.NE, Dist.D.PE, M.ASCE
Thomas J. Chase, A.M.ASCE, ASCE Staff

Council of Committee Chairs

Purpose: To foster communications on common issues among the COPRI standing Administrative and Technical Committees and to provide input to the Board on such issues or other issues involving the Board’s actions. Perform studies, investigations, or other actions, either self-initiated or at the request of the Board.

David L. Barton, P.E., M.ASCE
Brooke R. Bonkoski, P.E., M.ASCE
Jeffrey Cerquetti, P.E., S.E., M.ASCE
Robert A. Dalrymple, Ph.D., P.E., D.CE, Dist.M.ASCE
Stephen E. Dickenson, Ph.D., P.E., D.PE, M.ASCE
Robert M. Engler, Ph.D., Dist.D.NE, M.ASCE
Robert C. Esenwein

Martin L. Eskijian, P.E., D.PE, M.ASCE
James N. Marino, P.E., D.CE, M.ASCE
Jeffrey A. Melby, M.ASCE
H. Ronald Riggs, Ph.D., P.E., M.ASCE
Michael B. Salisbury Jr., P.E., M.ASCE
James E. Spady, P.E., M.ASCE
William P. Stewart, P.E., C.Eng, D.OE, M.ASCE
Timothy L. Welp

Council of Past Presidents

Purpose: To counsel the Board on any issue related to COPRI. Particularly, provide guidance where precedent, rationale and intent of previous actions, and lessons learned from past events are important considerations in the decision making process for current issues. Perform studies, investigations, or other actions, either self-initiated or at the request of the Board.

James H. Blanchar, P.E., D.NE, F.ASCE
Charles C. Calhoun Jr., P.E., D.NE, F.ASCE
Michael D. Cox, Dist.D.NE, Aff.M.ASCE
Stephen A. Curtis, P.E., D.PE, M.ASCE
James E. Dailey, Ph.D., P.E., D.OE, F.ASCE
Robert A. Dalrymple, Ph.D., P.E., D.CE, Dist.M.ASCE
Billy Edge, Ph.D., P.E., D.CE, Dist.M.ASCE
Patrick J. Hudson, Ph.D., P.E., M.ASCE

Patrick J. Hudson, Ph.D., P.E., M.ASCE
David L. Kriebel, P.E., D.CE, M.ASCE
Ronald M. Noble, P.E., L.S., D.CE, D.PE, F.ASCE
E. Douglas Sethness Jr., P.E., D.PE, M.ASCE
Gordon H. Sterling, Dist.D.OE, M.ASCE
Louise A. Wallendorf, P.E., M.ASCE

Sustainability Committee

The Sustainability Committee charter is to develop a definition of sustainability applicable to the four practice areas of COPRI and provide a forum to promulgate and implement this definition. By leading the Institute toward sustainable policies, practices and values, the committee will foster support for the principles of sustainable development in COPRI’s members, corporate affiliates and clients. The committee will also serve as COPRI’s liaison to ASCE for its’ sustainability-related initiatives, institutes and committees.

Brooke R. Bonkoski, P.E., M.ASCE, Chair
Nathan A. Bader, P.E., M.ASCE, Secretary
Edward Albada, P.E., M.ASCE
Soma Bhadra, P.E.
Russell H. Boudreau, PE, DCE, DPE
Elizabeth C. Burkhardt, P.E., D.PE, M.ASCE
COPRI Administrative Committees

Awards Committee
Purpose: To recommend recipients for all Society awards, in accordance with the rules for each contained in the Official Register, for which members of the COPR Institute may be eligible, and to transmit those nominees to the Institute Governing Board and the ASCE Society Awards Department.

James E. Spady, P.E., M.ASCE, Chair
Matthew N. Martinez, P.E., S.E., D.PE, M.ASCE

Moffatt-Nichol Panel of Judges
Purpose: To recommend annual nominee for the Moffat-Nichol award to the COPRI Institute Governing Board for approval.

William H. Hanson, Dist.D.NE, A.M.ASCE
Matthew N. Martinez, P.E., S.E., D.PE, M.ASCE

Education, Mentoring, Student, and Younger Members
Purpose: The purpose of this committee is to attract students to the fields represented by COPRI; to foster educational programs for K-12 and university educators; to coordinate continuing education for the COPRI membership; and to interact with ASCE on educational policy and with accreditation/licensing agencies as necessary.

Martin L. Eskijian, P.E., D.PE, M.ASCE, Chair
Imelda Teresita A. Osantowski, P.E., M.ASCE, Vice-Chair
David R. Basco, PH, DCE
Terence M. Browne, PE, DCE
Lesley C. Ewing, P.E., D.CE, M.ASCE
Tomas T. Jimenez, A.M.ASCE
Kendra C. Oliver, P.E., M.ASCE
Laurel Reichold
Erin A. Rooney, A.M.ASCE

Membership Committee
Purpose: The purpose of the Membership Committee is to broaden the awareness of COPRI among the professional community; to attract new members, both individual and organizational; to increase the diversity of membership; encourage discourse among professionals working on our coasts and in our oceans, ports, and rivers; and to engage engineers, scientists, and resource managers in the improvement of the profession.

Charles C. Calhoun Jr., P.E., D.NE, F.ASCE
Stephen A. Curtis, P.E., D.PE, M.ASCE
William H. Hanson, Dist.D.NE, A.M.ASCE
Orville T. Magoon, Dist.D.CE, Dist.M.ASCE
James N. Marino, P.E., D.CE, M.ASCE
Nicholas Pansic, P.E., D.NE, M.ASCE

Policy Committee
Purpose: To coordinate developing new, and reviewing and updating current, ASCE and Institute policies related to COPRI areas of interest.

James N. Marino, P.E., D.CE, M.ASCE, Chair
Kelly J. Barnes
David L. Barton, P.E., M.ASCE
Andrew H. Cairns, P.E., PMP, M.ASCE
Jeffrey Cerquetti, P.E., S.E., M.ASCE
Robert A. Dalrymple, Ph.D., P.E., D.CE, Dist.M.ASCE
Robert C. Esenwein
COPRI COMMITTEES

| Martin L. Eskjian, P.E., D.PE, M.ASCE | Shubhra Misra, P.E., M.ASCE |
| Scott C. Hagen, Ph.D., P.E., D.CE, D.WRE, F.ASCE | Robert Pietrowsky |

Publications

Purpose: To administer the solicitation, review and editing of papers in the field of interest of this Institute subject to review of procedures by the Institute Governing Board, and in accordance with policies established by the Society; to act for the Institute in making nominations for the annual ASCE awards that deal with outstanding papers.

Vijay G. Panchang, Ph.D., P.E., F.ASCE
H R. Riggs, Ph.D., P.E., M.ASCE, Editor
Cheryl Blaine, Ph.D.
Maurizio Brocchini, Ph.D.
Zeki Demirbilek, Ph.D., P.E., F.ASCE
R. Cenzig Ertekin, Ph.D.
James R. Houston, Ph.D.
Dong-Sheng Jeng
James M. Kailhatu, Ph.D.
Andrew Kennedy, Ph.D., D.CE, M.ASCE
Patrick J. Lynett, Ph.D., M.ASCE

Hajime Mase, Ph.D., M.ASCE
Dag Myrhaug, Ph.D.
Ioan Nistor, Ph.D., P.Eng, M.ASCE
Jack A. Puleo, Ph.D., A.M.ASCE
Dominic Reeve, Ph.D.
Dominique Roddier
B. Mutlu Sumer
Hendrik L. Tolman, Ph.D.
Thomas A. Ward, P.E., S.E., M.ASCE
Richard Whitehouse, Ph.D.

COPRI Technical Committees

Coastal Council

Julie D. Rosati, P.E., D.CE, M.ASCE, Chair
Robert A. Dalrymple, Ph.D., P.E., D.CE, Dist.M.ASCE

James N. Marino, P.E., D.CE, M.ASCE
Jeffrey A. Melby, M.ASCE
Michael B. Salisbury Jr.

Coastal and Estuarine Hydroscience Committee

Purpose: To define and develop technical activities relating to coastal and estuary hydroscience by exploring the present and future challenges, and related practices associated with the design, management, and preservation of natural and engineered coastal and estuarine systems.

Michael B. Salisbury Jr., P.E., M.ASCE, Chair
Christopher J. Bender, PH, DCE, Secretary
William R. Dally, Ph.D., P.E., M.ASCE
Yan Ding, Ph.D., M.ASCE
George Domurat
Celso M. Ferreira, A.M.ASCE
Scott C. Hagen, Ph.D., P.E., D.CE, D.WRE, F.ASCE

Merrick C. Haller, Ph.D., M.ASCE
Jennifer L. Irish, Ph.D., P.E., D.CE, M.ASCE
Gary A. Jeffress, A.M.ASCE
Edward Myers
Wenkai Qin, D.CE, P.E., M.ASCE
Mustafa A. Samad, P.Eng, M.ASCE
Daxian Shen, P.E., M.ASCE
Robert A. Walker, P.E., M.ASCE

Coastal Engineering Research Council

Purpose: To advance engineering knowledge through stimulating and guiding research and assisting and financing therefore in the field of coastal engineering; to recognize research projects, and in cooperation with professional committees, to interpret the findings of such research; to make available information and recommendations resulting from research.

Robert A. Dalrymple, Ph.D., P.E., D.CE, Dist.M.ASCE, Chair
Billy Edge, Ph.D., P.E., D.CE, Dist.M.ASCE, Vice-Chair
Patrick J. Lynett, Ph.D., M.ASCE, Secretary
Ida Broker, Ph.D., Aff.M.ASCE
James R. Houston, Ph.D.

Dave Kriebel, P.E., D.CE, M.ASCE
Masaru Mizuguchi
Ronald M. Noble, P.E., L.S., D.CE, D.PE, F.ASCE
Jane M. Smith, P.E., D.CE, M.ASCE
Marcel J. Stive
**Scientific Committee**

Purpose: To provide scientific input to the Coastal Engineering Research Council and assist in reviewing abstracts for the International Conference on Coastal Engineering (ICCE).

Robert A. Dalrymple, Ph.D., P.E., D.CE, Dist.M.ASCE, Chair
Jurjen A. Battjes, M.ASCE
Lesley C. Ewing, P.E., D.CE, M.ASCE
Masahiko Isobe, M.ASCE
Miguel A. Losada, M.ASCE
Peter J. Nielson, A.M.ASCE
Charitha Pattiaratchi
Shig Takahashi, P.E.
Ian Townend

**Coastal Structures**

Purpose: To study and report on methods and problems of planning, design and construction of coastal structures subjected to wave action.

Daniel T. Cox, Chair
Lesley C. Ewing, P.E., D.CE, M.ASCE, Secretary
William F. Baird, P.E., D.CE, M.ASCE
Hans F. Burcharth, Aff.M.ASCE
Hugh D. Converse, P.E., M.ASCE
Daniel T. Cox
Robert A. Dalrymple, Ph.D., P.E., D.CE, M.ASCE
Julien N. De Rouck, M.ASCE
George Domurat
Billy Edge, Ph.D., P.E., D.CE, Dist.M.ASCE
George J. Haberman, P.E., P.L.S., L.S., M.ASCE
Steven A. Hughes, PH, DCE
Thomas R. Kendall, P.E.
Nobuhisa Kobayashi, Ph.D., M.ASCE
Michael R. Krecic, P.E., M.ASCE
Orville T. Magoon, Dist.D.CE, Dist.M.ASCE
David Marcus
David Phelps
Sigurdir Siguroarson
Donald D. Treadwell, Ph.D., P.E., D.CE, F.ASCE
J Richard Weggel, Ph.D., P.E., D.CE, F.ASCE
David J. Werren, P.E., M.ASCE
Robert W. Whalin, Ph.D., P.E., M.ASCE

**Coastal Zone Management**

Purpose: To advance the science and profession of civil engineering as it relates to the management of the coastal zone by: (1) studying and reporting on federal, state, and regional efforts to plan and regulate design, construction and maintenance activities in the coastal zone; (2) assuring that coastal engineering expertise is considered in coastal zone management, programs and plans; (3) fostering broader understanding of the civil engineer’s role in coastal zone management; (4) cooperating with related committees in the Society; (5) monitoring and reporting on regulatory procedures that affect the practice of engineering in the coastal zone; and (6) preparing manuals and papers, sponsoring lectures and seminars, and conducting research on the coastal zone management process. This committee’s interests overlap and complement at least some of those of each of the other technical committees. Its emphasis is on coordination of civil engineering with the many social and scientific disciplines exercised authority in and possessing specialized knowledge of the coastal zone.

Kenneth R. Craig II, P.E., M.ASCE, Chair
Mandy U. Loeffler, P.E., M.ASCE, Secretary
Frank W. Agnew, P.E., M.ASCE
Bonnie M. Bendell
Michael J. Briggs, P.E., D.CE, D.OE, F.ASCE
Susan M. Brodeur, P.E., M.ASCE
Matthew M. Dallon, P.E., M.ASCE
Robert A. Dalrymple, Ph.D., P.E., D.CE, D.M.ASCE
Scott L. Douglass, DCE
Billy Edge, Ph.D., P.E., D.CE, Dist.M.ASCE
Dolan Eversole
Lesley C. Ewing, P.E., D.CE, Dist.M.ASCE
Douglas A. Gaffney, P.E., D.CE, M.ASCE
Darryl J. Hatheway
Adam S D. Hosking
Dennis Hwang, A.M.ASCE
Christopher P. Jones, P.E., M.ASCE
Say-Chong Lee, M.ASCE
Orville T. Magoon, Dist.D.CE, Dist.M.ASCE
Joseph F. Marrone, P.E., M.ASCE
Marcus J. Michna, P.E., M.ASCE
Ronald M. Noble, P.E., L.S., D.CE, D.PE, F.ASCE
Jim O’Connell
Ann Ogata-Deal
Bradley H. Pickel
Jerald D. Ramsden, P.E., M.ASCE
John S. Ramsey, P.E., L.S., D.CE, M.ASCE
David Revell
Tori E. Rie, P.E.
Spencer M. Rogers Jr., M.ASCE
Heather R. Schlosser
Malcolm L. Spaulding, Ph.D., P.E., M.ASCE
Hilary Stockdon
**Task Committee on Urban Shorelines**

Purpose: The majority of America’s population lives or works in urban areas near our coasts, lakes, and rivers. Demographic samples indicate that these populations will continue to increase. While urban shorelines are occasionally available to the urban dweller for recreation, these areas are unwelcoming, inaccessible, or dangerous. The Urban Shorelines Task Committee recognizes that beaches provide important elements for the physical and mental well being of the people of this nation. It will undertake workshops, conferences, symposia, and other mechanisms, both independently and with other associations, to assist in the discussions and information dissemination necessary to develop, operate, and maintain lake, river, and ocean beaches in or near urban areas.

Bonnie M. Bendell, Chair

Linda K. Lent

Scott L. Douglass, P.E., D.CE, M.ASCE

Orville T. Magoon, Dist.D.CE, Dist.M.ASCE

Lesley C. Ewing, P.E., D.CE, M.ASCE

Heather R. Schlosser

Douglas A. Gaffney, P.E., D.CE, M.ASCE

Charles Shabica, A.M.ASCE

**Marine Renewable Energy**

Purpose: The COPRI Marine Renewable Energy Committee is to study and disseminate information on the planning, design, construction, maintenance, operation, pollution control, and technical functioning of Marine renewable energy facilities above and below the water, including: anchoring of marine structures to the seabed; mooring systems for floating devices; transmission cable burial and protection; studying and reporting on federal, state, and regional efforts to plan and regulate the construction and maintenance activities of marine renewable energy facilities; requirements for shore based facilities related to marine renewable energy; and port and harbor infrastructure to support the construction and maintenance of marine renewable structures and technology.

William P. Stewart, P.E., C.Eng, D.OE, M.ASCE, Chair

Allie R. Cribbs, Secretary

Jameel Ahmad, M.ASCE

Bruce K. Ahrendsen, P.E., M.ASCE

Terence M. Browne, P.E., D.CE, D.OE, D.PE, M.ASCE

Reid M. Carscadden, P.E.

Mark Cassidy

Brent D. Cooper, A.M.ASCE

Daniel Dolan

Billy Edge, Ph.D., P.E., D.CE, Dist.M.ASCE

George Forristall

Jacob Foster

Patrick Grandelli, P.E., M.ASCE

Kevin Haas, A.M.ASCE

Ronald Heffron, P.E., D.PE, M.ASCE

Thomas J. Hudson, Aff.M.ASCE

Patrick J. Hudson, Ph.D., P.E., M.ASCE

Jeffrey D. Malyaszek, P.E., M.ASCE

Lance Manuel, Ph.D., P.E., M.ASCE, Chair

William H. McAnally I, Ph.D., P.E., D.NE, F.ASCE

Tonu Mets, P.E., D.CE, M.ASCE

Javier F. Moncada, A.M.ASCE

David W. Poryor, P.E., M.ASCE

Amir Rahim, Ph.D., M.ASCE

Vladimir Rapoport, M.ASCE

Thomas R. Rauls

Peter D. Rusche I, P.E., M.ASCE

Mustafa A. Samad, M.ASCE

Kenneth J. Schaudt, Aff.M.ASCE

Jeff Scruggs, Ph.D., A.M.ASCE

Michael G. Seibert

Robert F. Stevens, P.E., F.ASCE

John S. Templeton III, D.OE, F.ASCE

David Tietje, P.E., M.ASCE

James H. Van Zwieten

Stanley M. White, P.Eng, D.PE, D.CE, M.ASCE

Kenneth J. Schaudt, Aff.M.ASCE

**Environmental Loads Subcommittee**

Tonu Mets, D.CE, Chair

George Forristall

Kenneth J. Schaudt, Aff.M.ASCE

**Geotechnical Subcommittee**

The purpose of the Geotechnical Sub-Committee of COPRI Marine Renewable Energy Committee is to provide geotechnical expertise to the Committee and to collect, study and disseminate information on geotechnical site assessment and geotechnical engineering for seafloor-based and floating marine renewable energy structures.

Robert F. Stevens, P.E., F.ASCE, Chair

Mark Cassidy
Robert B. Gilbert, Ph.D., P.E., D.GE, M.ASCE  Vladimir Rapoport, M.ASCE
Amir Rahim, Ph.D., M.ASCE  John S. Templeton III, D.OE, F.ASCE

**Government Issues Subcommittee**
The Government / NGO issues subcommittee was established to liaise between the COPRI Marine Renewable Energy Committee and the various Government and NGO stakeholders on issues of licensing, permitting and standards developed, or under development, that affect civil engineers engaged in Marine Renewable Energy development projects. Subcommittee members from within ASCE and from the stakeholder agencies are welcome to participate.

Thomas J. Hudon, Aff.M.ASCE, Chair
Dan Dolan, Co-Chair
Patrick Grandelli, P.E., M.ASCE

**In-Stream Hydrokinetics Subcommittee**
The purpose of the COPRI Marine Renewable Energy Hydrokinetic Sub-Committee is to study and disseminate information on the planning, design, construction, inspection, maintenance, operation, environmental impacts, economics, and navigational issues related to in-stream hydrokinetic energy extraction. This sub-committee will consider devices that extract energy from both fresh and salt water currents, including those found in streams, rivers, canals, tidal flows, and the open ocean. The sub-committee coordinates its activities through the Marine Renewable Energy committee and cooperates with other ASCE and COPRI committees as appropriate.

James H. Van Zwieten, Chair  William H. McNally I, Ph.D., P.E., D.NE, F.ASCE
Jameel Ahmad, M.ASCE  Michael G. Seibert
Terence M. Browne, PE, DCE
Allie R. Cribbs

**Moorings Subcommittee**
The purpose of the Moorings Sub-Committee of the COPRI Marine Renewable Energy Committee is to provide mooring and anchoring expertise to the Committee. The Sub-Committee collects, studies and disseminates information on open ocean and sheltered waters moorings, relating to their planning, design, installation, operation, inspection, maintenance, environmental impact, economics, reliability and navigational issues. The sub-committee coordinates its activities through the Marine Renewable Energy Committee, other subcommittees and other ASCE committees as appropriate.

William P. Stewart, P.E., C.Eng, D.OE, M.ASCE, Chair  Amir Rahim, Ph.D., M.ASCE
Allie R. Cribbs  Robert F. Stevens, P.E., F.ASCE

**Ocean Thermal Energy Conversion Subcommittee**

Patrick Grandelli, P.E., M.ASCE, Chair  Thomas R. Rauls

**Risk & Reliability Subcommittee**

John S. Templeton III, D.OE, F.ASCE, Chair  Lance Manuel, Ph.D., P.E., M.ASCE
Robert B. Gilbert, Ph.D., P.E., D.GE, M.ASCE  Zenon Medina-Cetina, A.M.ASCE
Pooja Jain, P.E., P.Eng, S.E., M.ASCE  Jeff Scruggs, Ph.D., A.M.ASCE

**Structural Subcommittee**
The purpose of the COPRI Marine Renewable Energy Structural Sub-Committee is to study and disseminate information on the planning, design, construction, inspection, maintenance, operation, pollution control, and technical functioning of marine renewable energy structures (MRES) above and below the water, including: Foundations and anchoring of MRES; Mooring systems for MRES; Provide Guidance on the applicable standards for the analysis and design of MRES; Port and Harbor infrastructure to support the construction and maintenance of MRES. The committee coordinates its activities through the Marine Renewable Energy committee and cooperates with other ASCE and COPRI committees as directed.

Terence M. Browne, PE, D.CE, Chair  David W. Pryor, P.E., M.ASCE
Brent D. Cooper, A.M.ASCE  Charles R. Roberts, P.E.

**Submarine Cables Subcommittee**
The purpose of the Submarine Cables Subcommittee of COPRI’s Marine Renewable Energy (MRE) Committee is to research, study and disseminate (civil engineering) information related to submarine cables for marine renewable energy structures/facilities, including: 1. Planning and Design; 2. Installation and Protection; 3. Inspection, Maintenance and Serviceability; 4. Environmental Aspects; 5.
Legal, Regulatory and Political Aspects (in cooperation with the Government/NGO Issues Subcommittee). The subcommittee coordinates its activities with the MRE Committee and cooperates fully with other ASCE and COPRI committees, as appropriate.

Peter D. Rusche I, P.E., M.ASCE, Chair

Wave Energy Converter Subcommittee
Patrick J. Hudson, Ph.D., P.E., M.ASCE

Wind Energy Subcommittee
David W. Pryor, P.E., M.ASCE, Chair

Ocean & Offshore Engineering

Purpose: To advance the science and profession of civil engineering as it relates to problems and studies in offshore ocean waters. This committee is particularly concerned with understanding the interrelationships among hydrodynamics, structural design, structural dynamics, and geotechnical engineering in the offshore ocean environment. (1) To study and report on the characteristics of waves (including measurement, analysis and the storage of these data) and wave climates and, (2) in cooperation with other appropriate committees of the division, to stimulate the study of and the development of techniques for the design, construction and operation of civil engineering works subject to waves and wave forces.

Jeffrey Cerquetti, P.E., S.E., M.ASCE, Chair
David R. Kraemer, Secretary
Stephen W. Balint, DOE
Michael J. Briggs, P.E., D.CE, D.OE, F.ASCE
James E. Dailey, Ph.D., P.E., D.OE, F.ASCE
Zeki Demirbilek, Ph.D., P.E., F.ASCE
Jason Glover
Thomas J. Hudson, Aff.M.ASCE
Patrick J. Hudson, Ph.D., P.E., M.ASCE
Steven W. Landess, P.E., M.ASCE
Donghwan Lee
Tucker Mahoney
Michael E. McCormick, Ph.D., P.E., F.ASCE
Robert C. Murtha, M.ASCE
Gerry Powell, A.M.ASCE
Robert E. Randall, Ph.D., P.E., D.OE, M.ASCE
Sangsoo Ryu
Zane Sadik, P.E., M.ASCE
Gordon H. Sterling, Dist.D.OE, M.ASCE
Ikpoto E. Udoh, S.M.ASCE
Louise A. Wallendorf, P.E., M.ASCE
Donald Ward, A.M.ASCE
Jun Zhang

Offshore Technology Technical Program Committee

Purpose: To provide support relative to the Division’s responsibility as the ASCE support unit for the Offshore Technology Conference, particularly the fulfillment of program requirements assigned to ASCE and other support as may be requested by the COPR Institute Governing Board.

David L. Barton, P.E., M.ASCE, Chair
Thomas Miller, P.E., M.ASCE, Vice-Chair
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Subir Bhattacharjee
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Peter R. De Jong, A.M.ASCE
Matthew Ferrell
Joseph M. Gebara, Ph.D., P.E., D.OE, A.M.ASCE
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Philipp Jeanjean, Ph.D., P.E., M.ASCE
Joseph Kallaby, P.E., D.OE, M.ASCE
Edward Mascorro, P.E.
Jason A. Newlin, P.E., M.ASCE
Philip Poll, A.M.ASCE
Daniel R. Spikula, P.E., M.ASCE
Gordon H. Sterling, Dist.D.OE, M.ASCE
John S. Templeton III, D.OE, F.ASCE
David J. Wisch, P.E., D.OE, M.ASCE
Alan G. Young, P.E., M.ASCE

Offshore Technology Conference Brasil Program Committee

Carlos F. Mastrangelo, A.M.ASCE, Chair
Felipe A. Freitas, P.E., Co-Chair
Stephen W. Balint, DOE
Antonio C. De Souza
Rodrigo Fernandes
David Greene, P.E., M.ASCE
Matthew Ferrell
John Haney III, P.E., M.ASCE
Vitor Maciel
Paulo Ribas
Julio Ribeiro
Dominique C. Schmid, C.Eng, A.M.ASCE
Peter Simpson
Paulo M. Videiros
Tom Chase, ASCE Staff Contact
Ports & Harbors

Purpose: To study and disseminate information on the planning, design, construction, maintenance, operation, pollution control, and technical functioning of ports and harbors, including coordination with port and harbor agencies on the engineering aspects of: (1) meeting the needs of the locality and those of waterborne transportation, commercial (including fishing), and recreational interests of transportation interests; (2) plans for expansion to meet future needs; (3) the environmental implications of such expansion; and (4) handling equipment and other port related facilities. The committee coordinates its activities directly with other committees of the COPR Institute and other ASCE division and cooperates fully with the Coastal Engineering, Coastal Zone Management, and Waterways Committees. The Committee also coordinates directly with the appropriate committees of the American Association of Port Authorities and Permanent International Association of Navigational Congress (PIANC).

Stephen E. Dickenson, Ph.D., P.E., M.ASCE, Chair
Imelda Teresita A. Osantowski, P.E., M.ASCE, Vice-Chair
Kevin P. Abt, P.E., M.ASCE
Michael R. Adams, P.E., M.ASCE
Chris Ahern
Monique A Anderson, P.E., M.ASCE
Albert L. Barco IV, P.E., PMP, F.ASCE
Kelly J. Barnes
Emanuel Bautista
Robert W. Beasley
William M. Bruin, P.E., M.ASCE
Joe T. Bryant, P.E.
Elizabeth C. Burkhart, P.E., D.PE, M.ASCE
Andrew H. Cairns, P.E., M.ASCE
Anne Cann
Sean P. Chapman, A.M.ASCE
Thomas J. Collins, P.E., D.PE, F.ASCE
Christopher B. Cornell, P.E., S.E., M.ASCE
Stephen A. Curtis, P.E., D.PE, M.ASCE
Frank G. Davidson, P.E., M.ASCE
Anna Dix, P.E., M.ASCE
Noah J. Elwood, P.E., M.ASCE
Philip J. Erbland, P.E., M.ASCE
Robert A. Ernsting
John W. Gaythwaite, P.E., D.PE, D.CE, M.ASCE
Jack W. Gerwick, P.E., M.ASCE
William H. Hanson, Dist.D.NE, A.M.ASCE
Paul A. Harren, A.M.ASCE
Ronald Heffron, P.E., D.PE, M.ASCE
Pooja Jain, P.E., PEng, S.E., M.ASCE
Richard B. Jenkins, P.E., M.ASCE
Robert S. Johansen, P.E., M.ASCE
Gayle S. Johnson, P.E., M.ASCE
Bryan N. Jones, P.E., D.PE, M.ASCE
Kurt A. Keifer, Ph.D., P.E., M.ASCE
Shannon M. Kinsella, P.E., M.ASCE
Fred A. Klanckn, P.E., L.S., F.ASCE
Michael A. Knott, P.E., M.ASCE
Michael A. Kraman, P.E., M.ASCE
Charlie W. Marshall Roberts, P.E., M.ASCE
Matthew N. Martinez, P.E., S.E., D.PE, M.ASCE
Jeffrey B. Massengill, M.ASCE
Kevin E. Matakis, P.E., M.ASCE
Thomas J. McCollough, P.E., M.ASCE
Todd Mitchell, P.Eng, CP, M.ASCE
David B. Mrowiec, P.E., M.ASCE
Jerry T. Murphy, P.E.
Younes Nouri, Ph.D., A.M.ASCE
Donald L. Oates, M.ASCE
Bruce I. Ostbo, P.E., M.ASCE
Carlos G. Pena, P.E., M.ASCE
Ralph A. Peteriet, P.E., M.ASCE
Aaron S. Phillips, P.E., M.ASCE
Matthew Q. Pollard, G.E., P.E., M.ASCE
Heath K. Pope, P.E., M.ASCE
Kirk F. Rider, P.E., M.ASCE
Walter D. Ritchie, P.E., M.ASCE
Robert N. Robertson, P.E., D.PE, F.ASCE
Arnfinn Rusten, P.E., M.ASCE
S Alberto Sanchez
Jeffrey E. Schechtman, P.E., M.ASCE
Scott M. Schlechter, A.M.ASCE
Allan M. Sodrader, P.E., F.ASCE
Douglas J. Serei, ENV SP, P.E., M.ASCE
Benjamin Serna, P.E., M.ASCE
E Douglas Sethness Jr., P.E., D.PE, M.ASCE
Patrick M. Smith, G.E., Ph.D., P.E., M.ASCE
Shelley D. Sommerfeld, P.E., M.ASCE
Thomas E. Spencer, P.E., S.E., D.PE, M.ASCE, PEng
William S. Stahlan III, P.E., M.ASCE
Warren A. Stewart, P.E., S.E., D.PE, M.ASCE
William B. Swigert, P.E., M.ASCE
Bradley A. Syler, P.E.
Douglas A. Thiesen, PE, DPE
Jean Toilliez, P.E., M.ASCE
Erling B. Vatunde, Alf.M.ASCE
Michael G. Wagner, P.E., M.ASCE
Thomas A. Ward, P.E., S.E., M.ASCE
Wade W. Watson, P.E., PEng, M.ASCE
Stanley M. White, P.E., PEng, D.PE, D.CE, M.ASCE
Kong Wong, P.E., M.ASCE
Awards & Communications
The purpose of the Committee is to recognize engineers in the marine industry that have demonstrated leadership and achievements in promoting ports, harbors and coastal professions.

Matthew N. Martinez, P.E., S.E., D.PE, M.ASCE, Chair
Michael G. Burke, P.E., M.ASCE

Berthing Velocity Subcommittee
To collect, analyze, and disseminate information about current berthing velocities for various types of ships.

Elizabeth C. Burkhardt, P.E., D.PE, M.ASCE, Chair
Bryan N. Jones, P.E., D.PE, M.ASCE
Kevin P. Abt, P.E., M.ASCE
William M. Bruin, P.E., M.ASCE
Joe T. Bryant, P.E.
Rune Iversen, A.M.ASCE
Bryan N. Jones, P.E., D.PE, M.ASCE
Kevin E. Matakis, P.E., M.ASCE
Douglas J. Sereno, ENV SP, P.E., M.ASCE
William S. Swigart, P.E., D.PE, M.ASCE

Dry Docks Standards Committee
Purpose: To develop developing minimum standards for inspecting and maintaining dry docking facilities, and operating dry dock facilities.

Paul A. Harren, A.M.ASCE, Chair
John R. Anderson
Frank B. Cole Jr., P.E., M.ASCE
Robert A. Ernsting
Graeme Forsyth, CP, M.ASCE
Paul R. Goetz
Robert E. Heger, P.E., M.ASCE
Bradley Lamkin
Matthew A. Mccarty, P.E., S.E., M.ASCE
James A. Neville
Douglas Pearlson
Mark A. Procter, P.E., M.ASCE
David W. Pryor, P.E., M.ASCE
Scott C. Sampson
Rusty Sandidge, Aff.M.ASCE
Waleed Sayed
Joe Stiglich
Katherine Tewrilliger
Charles Trobaugh
John L. Watts, P.E., M.ASCE

Marinas 2020
Purpose: The purpose is to update ASCE Manual 50, Report on Planning and Design Guidelines for Small Craft Harbors. In the 17 years that have passed since this manual was last revised in 1994, the planning, engineering and design aspects of marina development have changed significantly. The demand for access to our nation’s oceans, lakes and rivers has steadily increased, but the design, maintenance and new construction of harbor infrastructure such as breakwaters, dredging, piers, boat slips and launch ramps have not kept pace. Public access traditionally provided by older, out-dated marinas and boat launches are being lost to more profitable land uses. This in turn is creating a demand for new harbors and waterfront facilities based on the latest planning and design approaches, technology and boats. Many times blighted and contaminated waterfronts are the only sites available for development. Collaboration is needed among many professions during all phases of design and development, often requiring public/private partnerships to get these projects built.

Fred A. Klancnik, P.E., L.S., F.ASCE, Chair
Shannon M. Kinsella, P.E., M.ASCE
Jack C. Cox, P.E., D.CE, D.NE, D.PE, M.ASCE
Mark A. Pirrello, P.E., M.ASCE

Membership Standing Committee
Purpose: Manage the committee membership process and coordinate member involvement with task committees.

Thomas E. Spencer, P.E., S.E., D.PE, M.ASCE, P.Eng, Chair
Joe T. Bryant, P.E.

Mentoring
Purpose: To encourage the development of mentoring relationships and further leadership and professional development among student and younger members of the Ports and Harbors Committee and the engineering community at-large.

Vahan Tanal, P.E., M.ASCE, Chair
Matthew N. Martinez, P.E., S.E., D.PE, M.ASCE
Joe T. Bryant, P.E.
Varoujan Y. Hagopian, P.E., F.ASCE
Arnfinn Rusten, P.E., M.ASCE
Kurt A. Keifer, Ph.D., P.E., M.ASCE
Douglas J. Sereno, ENV SP, P.E., M.ASCE
Mooring Analysis
Purpose: The purpose of this subcommittee is to develop comprehensive guidelines for the determination of safe mooring vessels in ports and harbors. The guidelines will include design criteria, mooring analysis methodologies and other relevant information.

John W. Gaythwaite, P.E., D.PE, M.ASCE, Chair
Martin L. Eskijian, P.E., D.PE, M.ASCE, Secretary
Woosuk Ahn, P.E., M.ASCE
Ron D. Byres, P.E., M.ASCE

Pavement Design Guidelines
Philip J. Erbland, P.E., M.ASCE, Chair
Albert L. Barco IV, P.E., PMP, F.ASCE
Christopher A. Dorang, P.E., M.ASCE
Gary K. Greene, P.E., M.ASCE
Rafael E. Jimenez Jr., P.E., M.ASCE
Robert S. Johansen, P.E., M.ASCE
Kurt A. Keifer, Ph.D., P.E., M.ASCE
Paul C. Marshall, P.E., M.ASCE

Ports 2016 Organizing Committee
Shannon M. Kinsella, P.E., M.ASCE, Chair
Kelly J. Barnes
Elizabeth C. Burkhart, P.E., D.PE, M.ASCE
Christopher B. Cornell, P.E., S.E., M.ASCE
Stephen E. Dickenson, Ph.D., P.E., D.PE, M.ASCE
Anna Dix, P.E., M.ASCE
Philip J. Erbland, P.E., M.ASCE
Pooja Jain, P.E., P.Eng, S.E., M.ASCE

Sea-Level Change Task Committee
Jean Toilliez, P.E., M.ASCE, Chair
John Atkinson
Austin H. Becker, S.M.ASCE
Elizabeth C. Burkhart, P.E., D.PE, M.ASCE
Stephen A. Curtis, P.E., D.PE, M.ASCE
Douglas A. Gaffney, P.E., D.CE, M.ASCE
Kristine S. Gali, A.M.ASCE
Jack W. Gerwick, P.E., M.ASCE

Seismic Design of Piers & Wharves Standards
Gayle S. Johnson, P.E., M.ASCE, Chair
Peter P. Yin, P.E., M.ASCE, Vice-Chair
Kandiah Arulmoli, P.E., D.GE, F.ASCE
Scott A. Ashford, P.E., M.ASCE
Carlos A. Blandon, Ph.D., C.Eng., Aff.M.ASCE
William M. Camp III, P.E., D.GE, M.ASCE
Frank B. Cole Jr., P.E., M.ASCE
Domenic D’Argenzio, P.E., M.ASCE
John C. Daley, P.E., M.ASCE
Stephen E. Dickenson, Ph.D., P.E., D.PE, M.ASCE
Martin L. Eskijian, P.E., D.PE, M.ASCE
Robert E. Harn, P.E., M.ASCE
Owen L. Hewitt, P.E.
Said I. Hilmy, P.E., M.ASCE

Scott W. Fenical
John F. Flory, P.E., P.L.S., M.ASCE
Robert N. Robertson, P.E., D.PE, F.ASCE
Eric D. Smith, P.E., M.ASCE
Lee R. Martin, P.Eng
Ross T. McGillivray, P.E., M.ASCE
David R. Milner, P.E., M.ASCE
Mark R. Smallridge, M.ASCE
Herman W. Tillotson Jr., P.E., M.ASCE
Kevin A. Wentland, P.E., M.ASCE
Manfred H. Zinserling, P.E., M.ASCE
Matthew N. Martinez
Jeffrey B. Massengill, M.ASCE
Thomas J. McCollough, P.E., M.ASCE
Donald L. Oates, M.ASCE
Imelda Teresitu A. Osantowski, P.E., M.ASCE
Matthew Q. Pollard, G.E., P.E., M.ASCE
Douglas J. Sereno, ENV SP, P.E., M.ASCE
William S. Stahlman III, P.E., M.ASCE
Tonu Mets, DCE
Todd Mitchell, P.Eng, CP, M.ASCE
Heidi P. Moritz, P.E., M.ASCE
Hugh J. Roberts, P.E., M.ASCE
Rajesh Srinivas, P.E., M.ASCE
Warren A. Stewart, P.E., S.E., D.PE, M.ASCE
Majid Yavary, P.Eng, M.ASCE
Charles Hughes
Kerop D. Janoyan, P.E., M.ASCE
Omar A. Jaradat, Ph.D., P.E., D.PE, M.ASCE
Kosalram Krishnan, P.E., M.ASCE
Cheng Lai, P.E., M.ASCE
Ignatius Po Lam, P.E., M.ASCE
Nathan A. Lemme
Douglas D. Lindquist, P.E., M.ASCE
Barry A. Mac Donnell, A.M.ASCE
Timothy W. Mays
Nason J. McCullough, P.E., M.ASCE
Constantine D. Memos, Ph.D., P.E., F.ASCE
Alex I. Mora, P.E., M.ASCE
Eric A. Nichol, P.E., M.ASCE
Kevin O’Malley, P.E., M.ASCE
Kendra C. Oliver, P.E., M.ASCE
COPRI COMMITTEES

Task Committee on Engineer-Diver Qualifications and Standard
Bryan N. Jones, P.E., D.PE, M.ASCE, Chair
Kurt A. Keifer, Ph.D., P.E., M.ASCE, Secretary
Richard H. Benoit, P.E., M.ASCE
David Bruce
Andrew H. Cairns, P.E., PMP, M.ASCE
Frank G. Davidson, P.E., M.ASCE
Bryan N. Jones, P.E., D.PE, M.ASCE
Martin L. Eskijian, P.E., D.PE, M.ASCE
Mark Owens
David A. Severns
John F. Pessireo, P.E., M.ASCE
Kirk F. Riden, P.E., M.ASCE
Shelley D. Sommefeld, P.E., M.ASCE
Thomas E. Spencer, P.E., S.E., D.PE
Kirk F. Riden, P.E., M.ASCE
Heath K. Pope, P.E., M.ASCE
M.ASCE, P.Eng

Timber Structures
Purpose: To develop guidelines of inspection and protection of timber structures in marine environment.

Waterfront Facility Inspection Committee
Purpose: To develop a manual on waterfront facility inspection, including structures, utilities, mooring, and berthing elements. Multiple inspection types will be defined, along with their context and scope. The proposed manual will also devote attention to the extension of service life of existing structures through durability modeling.

Ronald Heffron, P.E., D.PE, M.ASCE, Chair
Noah J. Elwood, P.E., M.ASCE, Secretary
Chris Ahern
Albert L. Barco IV, P.E., PMP, F.ASCE
Terence M. Browne, P.E., DCE
William M. Bruce, P.E., M.ASCE
Elizabeth C. Burkhardt, P.E., D.PE, M.ASCE
Andrew H. Cairns, P.E., PMP, M.ASCE
Sean P. Chapman, A.M.ASCE
John C. Daley, P.E., M.ASCE
Frank G. Davidson, P.E., M.ASCE
Anna Dix, P.E., M.ASCE
Douglas E. Friend, P.E., M.ASCE
Jack W. Gerwick, P.E., M.ASCE
Richard B. Jenkins, P.E., M.ASCE
Joshua M. Johnson, P.E., M.ASCE
Bryan N. Jones, P.E., D.PE, M.ASCE
James I. Kincaid
Charlie W. Marshall Roberts, P.E., M.ASCE

Matthew N. Martinez, P.E., S.E., D.PE, M.ASCE
Todd Mitchell, P.Eng, CP, M.ASCE
Francisco A. Morales, P.E., M.ASCE
Bruce I. Ostbo, P.E., M.ASCE
Ralph A. Peterhelt, P.E., M.ASCE
Heath K. Pope, P.E., M.ASCE
Kirk F. Riden, P.E., M.ASCE
S.A. Alberto Sanchez
Patrick M. Smith, G.E., Ph.D., P.E., M.ASCE
Shelley D. Sommefeld, P.E., M.ASCE
Thomas E. Spencer, P.E., S.E., D.PE, M.ASCE, P.Eng
William S. Stahlman III, P.E., M.ASCE
Warren A. Stewart, P.E., S.E., D.PE, M.ASCE
Jean Toulleze
Erling B. Veggund, Aff.M.ASCE
Philip Vitale, P.E., M.ASCE


Very Large Floating Concrete Structures

Purpose: To develop a committee report on the state of the art in the planning, design, and construction of very large floating concrete structures such as floating highway bridges, marine and air terminals, and breakwaters.

Shannon M. Kinsella, P.E., M.ASCE, Chair
Woosuk Ahn, P.E., M.ASCE
Millard Barney
Anna Dix, P.E., M.ASCE
Craig S. Funston, P.E., M.ASCE
Tommy A. Howard III, P.E., M.ASCE
Michael Huggins
Jonathan B. Keiser, A.M.ASCE
Scott E. Kuebler, P.E., M.ASCE
James J. Parkins, P.E., M.ASCE
Robert H. Riley, P.E., M.ASCE
Mason Sears
David P. Simpson, P.E., M.ASCE
Warren A. Stewart, P.E., S.E., D.PE, M.ASCE
William S. Swigart, P.E., D.PE, M.ASCE
Manfred H. Zinserling, P.E., M.ASCE

Waterways

Purpose: To study and report on methods and problems of planning, design, construction, maintenance, and operation of waterways, including dredging, stabilization, navigation, flood control and regulation, with consideration of their effects on the environment. The committee coordinates with the Ports and Harbors Committee.

Timothy L. Welp, Chair
Douglas J. Kamien, P.E., Vice-Chair
Kelly J. Barnes
Donald Basham, P.E., M.ASCE
James H. Blanchar, P.E., D.NE, F.ASCE
Charles C. Calhoun Jr., P.E., D.NE, F.ASCE
Michael D. Cox, Dist.D.NE, Aff.M.ASCE
Robert M. Engler, Ph.D., Dist. D.NE, M.ASCE
Scott E. English
Duane P. Gapinski, P.E.
Robert Kirby, Dist. D.NE
William J. Lillycrop
Mark F. Lindgren, M.ASCE
William H. McAnally I, Ph.D., P.E., D.NE, F.ASCE
Bruce L. McCartney, P.E., D.NE, M.ASCE
Mahmood Naghash, P.E.
Nicholas Pansic, P.E., D.NE, M.ASCE
Robert Pietrowsky
C.F. Pinkard Jr.
Paul Rohde
Gaurav Savant, P.E.
Paul Schonfeld, Ph.D., P.E., F.ASCE
Thomas H. Wakeman III, D.Sc, Dist.D.NE, Dist.D.PE, M.ASCE

Dredging Operations Subcommittee

Purpose: To study and disseminate information on all aspects (technical, legal, policy, etc.) on dredging operations and its potential impacts.

Robert M. Engler, Ph.D., Dist.D.NE, M.ASCE, Chair
Timothy L. Welp, Co-Chair
Kelly J. Barnes
Todd Bridges
Larry A. Buchanan
Steve Cappellino
Gene R. Clark, P.E., M.ASCE
James E. Clausner, P.E., D.CE
Mike Crystal
James Damon
Walter J. Dinicola, P.E., M.ASCE
Rick Easson
Norman Francignues
Stephen D. Garbaciak Jr., P.E., M.ASCE
William H. Hanson, A.M.ASCE
Gregory L. Hartman, M.ASCE
Donald F. Hayes, P.E., M.ASCE
John R. Headland, P.E., D.CE, M.ASCE
Jonathan Hird, P.E., M.ASCE
Barry Holliday
Charles H. Johnson
John Lally, P.E., M.ASCE
Clark Mc Nair Jr., P.E.
Ram K. Mohan, P.E., M.ASCE
Mark T. Otten, P.E., M.ASCE
Dick Peddicord
James D. Quadrini, P.E.
Jerald D. Ramsden, P.E., M.ASCE
Keegan L. Roberts
Edmond J. Russo Jr., Ph.D., P.E., D.CE, D.NE, M.ASCE
Doug Thompson
Mark A. Travers, M.ASCE
Tanal Vahan
Craig Vogt
Thomas H. Wakeman
Richard H. Weber, P.E., M.ASCE
Jack Word
COPRI COMMITTEES

Hans Albert Einstein Panel of Judges
Purpose: This committee charged with making nominations for the Hans Albert Einstein Award is shared jointly with EWRI’s Hydraulics and Waterways Council.

William H. McAnally I, Ph.D., P.E., D.NE, F.ASCE
Nicholas Pansic, P.E., D.NE, M.ASCE

Navigation Subcommittee
Purpose: To define the specialty of navigation engineering; identify its practitioners, projects, literature, and resources; and recommend actions and provide products to improve the practice.

William H. McAnally I, Ph.D., P.E., D.NE, F.ASCE, Chair
James E. Clausner, DCE, DOE_RET
Howard D. Danley, P.E.
Robert Goodwin
David Grier
John Hardy
Mike Kidby
Robert Kirby, DISTDNE
William J. Lillycrop
Bruce L. McCartney, P.E., D.NE, M.ASCE
Deirdre McGowan, Dist. D.NE
Robert Meader, P.E., M.ASCE

Task Committee on Nautical Depth
Evaluate the use of active and passive nautical depth in U.S. channels and harbors and inform the engineering community as to the merits of adopting nautical depth as a means to reduce maintenance dredging costs in coastal and estuarine ports and channels.

William H. McAnally I, Ph.D., P.E., D.NE, F.ASCE, Chair
Timothy L. Welp, Co-Chair
James E. Clausner, D.CE, DOE_RET
Wendi Goldsmith
Sharon Hodge
Robert Kirby, Dist. D.NE
Maarten Kluijver
John Lally, P.E., M.ASCE
Christopher J. Mc Arthur, P.E., M.ASCE
Deirdre McGowan, Dist. D.NE
Karen McNeal
Parneshwar L. Shrestha, P.E., D.CE, D.WRE, M.ASCE

Task Committee on Lock Rehabilitation
Mahmood Naghash, P.E., Chair

Wetlands and Sediment Management
Purpose: To coordinate the publication of separate manuals on wetlands restoration, river restoration, constructed wetlands and watershed management.

Robert C. Esenwein, Chair
Dilip K. Barua, M.ASCE
Lisa Carrera
Jim Chen
Charles B. Chesnutt
Buddy Clairain
Georganna Collins
Kevin G. Coulton, P.E., M.ASCE
Jack E. Davis, P.E., M.ASCE
Charles W. Finkl, M.ASCE
William Glamore
Scott C. Hagen, Ph.D., P.E., D.CE, D.WRE, F.ASCE
John T. Headlee, P.E.

Daniel J. Heilman, D.CE
Weixia Jin, D.CE
Michael Kearney, Aff.M.ASCE
Syed Khalil
Kevin Knuuti, D.CE
James M. Lawton Jr.
Say-Chong Lee, M.ASCE
Lynn Martin
Nathaniel D. McClure IV, P.E., D.WRE, F.ASCE
G Tracey III Mehan
Mark J. Mobley, P.E.
George D. Nichol, P.E., M.ASCE
Andres Payo Garcia
Beneficial Use of Dredged Material
Ashley Judith, P.E., M.ASCE, Chair
Georganna Collins
John T. Headlee, P.E.
James M. Lawton Jr.
Nathaniel D. McClure IV, P.E., D.WRE, F.ASCE
Mark J. Mobley, P.E.

Lucas J. Sharkey
Steve C. Shaw, P.E., M.ASCE
John M. Teal
Clinton S. Thurlow, P.E., M.ASCE
Dan Veriotti, P.E.
Jeff Waters
Lee L. Weishar
Daniel A. Wilson, P.E., A.M.ASCE

Dave Richardson
Edmond J. Russo Jr., Ph.D., P.E., D.CE, D.NE, M.ASCE
Steve C. Shaw, P.E., M.ASCE
Jeff Waters
Daniel A. Wilson, P.E., A.M.ASCE
THE CONSTRUCTION INSTITUTE (CI)

On October 1, 2000, the American Society of Civil Engineers (ASCE) officially established the semi-autonomous Construction Institute (CI). The Construction Institute incorporates the former ASCE Construction Division, the ASCE Materials Division and the ASCE Construction Standards Council. In addition to ASCE members who select construction or materials as their primary technical affiliation, CI membership is open to all persons involved in building the construction project, designing the construction project, or teaching construction. Further, the Construction Institute actively seeks members who work for equipment suppliers, material suppliers, testing laboratories, bonding agencies, insurance providers, financial firms, accounting firms, and legal firms that support and contribute to the growth and development of the construction industry.

The Construction Institute is the first national organization designed to meet the needs of all individuals working within the construction industry. The Construction Institute is fully inclusive, with active membership available to construction industry practitioners from all occupational and educational backgrounds. CI offers individuals and organizations the opportunity to network with other professionals, sharpen skills and shape the future of the industry by participating in technical activities, conferences and the development of internationally recognized standards.

Vision—To be the leader for promoting excellence in construction.
Mission—To bring together all stakeholders to advance and improve the construction industry.
Values—
1. Excellence in the identification, development and delivery of quality programs, services and products that meet the needs of its members and their organizations
2. Leadership in significant construction-related issues
3. Communication that is timely and effective, providing a neutral forum for open exchange of ideas
4. Collaboration for action on critical issues
5. Fiscal responsibility in effectively providing and managing human and financial resources
6. Action that is timely and strategic

Goals—
Goal I: Become the relationship “hub” within the engineering and construction industries.
Goal II: Improve the state of construction practice through the development of knowledge and transfer of technology throughout the industry.
Goal III: Improve the image of the construction industry to attract talent to the industry.

The Construction Institute provides for members:
• An atmosphere fostering cooperative relationships between owners, engineers, and contractors
• Cooperative relationships with other associations
• Technical and business information
• Networking opportunities
• Efficient practical training
• Prestige, including awards
• Representation

The Institute offers both a combined Institute/ASCE membership and an Institute only membership. Membership grades include Individual and Student Memberships.

Individual members include the following:
• Current or future ASCE members who request membership may join at no additional cost. If the individual is a member of another institute, they may join CI for an additional nominal fee.
• Professionals working within the construction industry with a background and interest aligned with those of CI. This would particularly include individuals in the materials and material supply businesses and those working for equipment and equipment services businesses.
• Other individuals with a working relationship to construction. Construction attorneys, accountants, or those in the insurance and bonding businesses constitute a non-exclusive list of examples.

There are two grades of membership:
• **Member**: an individual construction professional.

**Student Members** include the following:
• ASCE Student members who request membership may become members for no additional fee.
• Students enrolled in a related degree program.

The Board of Governors consists of up to twelve members, who manage the affairs of the Institute in accordance with the laws under which the Institute is organized. The Board has four officers, up to seven appointed Governors, and one ASCE-appointed Governor. The Board of Governors has accountability, as well as fiduciary, legal and strategic responsibilities. It focuses on continuous strategic planning, determines desired outcomes, develops and approves policy imperatives to guide operations, and ensures that the Institute uses these policies to work toward meeting its vision and fulfilling its mission.

The Institute has a number of technical committees, providing resources to the construction industry in the following areas:
• **Construction**—issues involving constructors.
• **Owners**—issues involving the entities that contract for construction work. These include both public agencies and private companies.
• **Engineering**—issues involving companies that provide design and construction engineering services such as engineering, engineering management, quality control, and inspection services.
• **Materials**—issues involving companies that provide materials and related technical services to the construction industry such as material testing and products including metals, concrete, synthetics, composites, aggregates, etc.
• **Services**—issues involving construction attorneys, accountants, bankers and those providing insurance and bonding services.
• **Education and Research**—issues involving persons who are involved in education and/or research and development.
• **Younger Members**—issues involving persons who have limited experience in the construction industry.

CI identifies leaders in the industry to serve on the Board and serve as liaisons to the technical committees. Continuing active Construction and Materials Division committees continue to exist under this structure.

Details regarding CI products and services, as well as current CI committee information, can be found by calling CI at 1-703-295-6390 or visiting the Web site at www.asce.org/ci.

**Board of Governors**

By drawing upon talent from all disciplines that make up the construction industry, CI has been able to find leaders who share a common vision and goal for the new organization. The officers of the Construction Institute include:

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Brad Williams, A.M.ASCE</td>
<td>President</td>
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<tr>
<td>Andrew Holmquist, P.E., M.ASCE</td>
<td>Vice President</td>
</tr>
<tr>
<td>Craig F. Rayle, P.E., M.ASCE</td>
<td>Treasurer</td>
</tr>
<tr>
<td>Robert M. Schraeder, P.E., M.ASCE</td>
<td>Past President</td>
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<tr>
<td>Eugene N. Balter, P.E., F.ASCE</td>
<td>Presidential Appointee</td>
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<td>Dan Becker, M.ASCE</td>
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<td>Jackie Borman, A.M.ASCE</td>
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<td>Sang Hyun Lee, A.M.ASCE</td>
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<td>Brian A. Moore, A.M.ASCE</td>
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<td>Chris Reseigh, P.E., F.ASCE</td>
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<td>Larry Smith, P.E., F.ASCE</td>
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<tr>
<td>Marvin Oey, Ph.D., P.E., M.ASCE</td>
<td>Secretary</td>
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Construction Institute Bylaws

Article I. Name

1.0 Name. The name of this Institute shall be The Construction Institute (hereinafter referred to as the Institute) of the American Society of Civil Engineers (hereinafter referred to as the Society).

Article II. Object

2.0 Object. The mission of the Institute is to bring together all stakeholders to advance and improve the construction industry by: 1) being the entity responsible for developing relationships and fostering communications within the engineering and construction industry; 2) improving construction practice through the development of knowledge and the transfer of technology throughout the industry; 3) improving the image of the construction industry, and 4) attracting talent to the industry.

Article III. Organization

3.0 Organization.

3.1 The Institute is organized within the Society. All policies and activities of the Institute shall be consistent with and subject to:

3.1.1 The Society Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure, and Code of Ethics;

3.1.2 Applicable federal, state, and local antitrust, trade regulation, and other laws, regulations and legal requirements;

3.1.3 All requirements to maintain the status of the Society as a not-for-profit organization exempt from federal income tax under sections 501(a) and 501(c)(3) of the Internal Revenue Code of 1954 (hereinafter referred to as the Code) qualifying at all times as an organization to which tax deductible contributions may be made pursuant to applicable sections of the Code;

3.1.4 All requirements imposed by the relevant jurisdiction for maintenance by Society of any license, permit, or authority it may hold to conduct activities and do business as a not-for-profit corporation within that jurisdiction; and

3.1.5 Such other policies and procedures as are authorized under these documents.

3.2 Institute Board of Governors. The Institute is governed by the Construction Institute Board of Governors, hereinafter referred to as the “Board” and defined herein.

3.3 Relationships with Other Associations and Federations. The Institute may form relationships with other groups as approved by the Institute.

Article IV. Membership

4.0 Membership Qualifications. Membership shall be open to ASCE members in good standing, as well as other persons interested in advancing the goals and purposes of the Construction Institute. The Institute membership may include:

4.0.1 Individual Membership: Persons interested in the construction industry and in the advancement of construction practice are eligible. There are three (3) grades of membership for individuals:

4.0.1.1 Individual Student Member: individuals who are undergraduate or graduate students enrolled in an engineering, construction, or technology degree program with an interest in entering the construction industry.

4.0.1.2 Individual Associate Member: individuals under thirty-five (35) years of age.

4.0.1.3 Individual Member: individuals thirty-five (35) years of age and older.

4.0.2 Organizational Membership: A firm or corporation interested in the advancement of the construction industry may hold an Organizational membership.

4.0.2.1 Associate Organizational Member. Member firms at this level receive five (5) Individual Memberships to the Institute and other benefits established by the Institute.
4.0.2.2 Organizational Member. Member firms at this level receive ten (10) Individual Memberships to the Institute and other benefits established by the Institute.

A firm or corporation may choose to join at either level without consideration of its size, revenue, or other company characteristics.

4.1 Member Participation. Institute members in good standing may be appointed to and participate on Institute committees. Only Individual Members and Individual Associate Members in good standing may vote and qualify for an elected position on the Board, after holding membership in the Institute for a period of two (2) years. An Institute member whose dues are not in arrears shall be considered in good standing except in cases of expulsion.

4.2 Non-Member Participation.

4.2.1 Non-members of the Institute may participate on the Institute's committees and task forces but may not serve as committee or task force chairs. Non-members may not vote on Institute procedural issues or in elections.

4.2.2 Non-members of the Institute may participate as voting members of the Institute’s Standards Committees.

4.2.3 Conferences and other organized activities of the Institute shall be open to all persons with an interest in the construction industry, upon payment of the designated fees.

4.3 Admission of Members. Applicants shall be admitted to membership in the Institute in such manner as the Board may from time to time direct. All ASCE members in good standing who elect to join the Institute shall be admitted at the appropriate grade. Authority to admit new members may be delegated to the Institute Director in accordance with requirements established by the Board.

4.4 Resignation. A member of the Institute in good standing may resign by a written communication to the Institute Director.

4.5 Expulsion. Any member may be expelled from the Institute for conduct in violation of the Institute Bylaws, Institute rules and regulations or the Society Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure or Code of Ethics, as applicable, or for conduct which in the sole opinion of the Governing Board is improper and prejudicial to the best interest of the Society or the Institute. A decision-to-expel shall be preceded by a fair hearing at a meeting of the Board; such meeting to be held in Executive Session if so requested by the member under consideration for expulsion.

Separation from membership in the Institute and disciplinary proceedings shall follow the procedures outlined in the Society’s governing documents. Decisions of the Board shall not be open to appeal except in cases involving recommendation by the Board to expel a Society member from the Institute, in which case an appeal may be made to the Society’s Board of Direction, whose decision is final.

Cases involving Society members accused of violating the Society Code of Ethics shall be referred to the Society Committee on Professional Conduct.

Article V. Dues

5.0 Dues. The Board shall establish membership dues. The annual dues payable by the Institute membership shall be as follows:

Effective October 1, 2008

- Student Member ................................................................. $25
- Associate Member ............................................................. $50
- Member ................................................................. $100
- Associate Corporate Member ........................................... $750
- Corporate Member ......................................................... $2,000

The Board may accord certain members a lower dues rate if they are also members of other construction organizations having cooperative agreements with the Institute.

5.1 Payment of Dues. Dues shall be payable annually in advance of January 1 of each year. A person who is elected to membership in the Institute after June 30 in any calendar year shall pay one-half (1/2) of the annual dues for the year of election.
An Institute Member who advances from any grade to a higher grade in the Institute shall pay the annual dues of the higher grade, effective the next Institute membership year.

Every person who is elected to membership in the Institute shall be liable for the payment of all dues until Institute membership shall have been terminated.

5.2 Statements. Not later than December 1 each year, the Institute shall mail to each Non-Society member, at the latest address known to the Institute, a statement of current indebtedness, if any, of the Institute member and the amount of dues for the ensuing calendar year.

5.3 Penalties. Any Institute member whose dues are more than three (3) months in arrears shall be so notified by the Institute and shall lose the right to receive publications normally furnished without charge to Institute members in good standing. An Institute member whose dues become six (6) months in arrears shall lose the right to vote. The Institute shall send a notice to any Institute member whose dues become nine (9) months in arrears. Any Institute member whose dues become twelve (12) months in arrears shall forfeit connection with the Institute provided, however, that the Board, for cause deemed by it to be sufficient, may extend the time for payment of dues and for the application of these penalties.

5.4 Remission of Dues. The Board, for cause deemed by it to be sufficient, may excuse any Institute member from the payment of annual dues, temporarily or permanently. Additionally, the Board may remit the whole or any part of the dues of a member that may be in arrears, and may remove any name from the list of those permanently excused from the payment of dues.

Article VI. Board of Governors

6.0 Duties of the Board of Governors. The Board of Governors shall manage, oversee, and direct the affairs, activities, and concerns of the Institute.

6.1 Composition of the Board. The Board shall consist of five (5) to twelve (12) qualified Institute members. Four (4) Governors shall be nominated and elected under the direction of the Nominations and Elections Committee according to the Institute Bylaws and procedures established by the Institute. One (1) Governor shall be appointed by the Society’s Board of Direction. The Institute Board may appoint up to seven (7) additional Governors.

6.2 Qualifications. To serve as a Board member an individual shall be an Individual Member or Individual Associate Member of the Institute in good standing. If a Board member ceases to be in good standing while in office, that Board member shall be removed.

6.3 Terms of Office.

6.3.1 Elected Positions. The period of service of the elected officers shall be four (4) years, serving consecutive one (1) year terms as Treasurer, then Vice President, then President, and then Past President.

6.3.2 Appointed Positions. The term of the Secretary shall be consistent with the appointment as Institute Director. The term for the Society Appointed Governor shall be one (1) year. The Society Appointed Governor may be reapointed to successive terms not to exceed two (2) consecutive years. The term for the Institute Appointed Governors shall be two (2) years. Each Institute Appointed Governor may be reappointed to successive terms not to exceed four (4) consecutive years.

A Board member may resign at any time by giving written notice of such resignation to the Secretary of the Board.

6.4 Nominations and Elections.

6.4.1 Nominations and Elections Committee. Institute nominations and elections shall be directed by a Nominations and Elections Committee, hereinafter referred to as the Committee, which has the responsibility of developing nominations for the office of Treasurer and for directing the elections.

6.4.1.1 Composition. The Nominations and Elections Committee shall consist of the President, Vice President, and Past President. The Chair of the Nominations and Elections Committee shall be the Vice President.
6.4.1.2 In selecting a nominee, the Nominations and Elections Committee shall solicit and receive nominations from the general membership of the Institute and from Institute committees. Such nominations shall be received in the form stipulated by the Committee.

6.4.1.3 Geographic distribution and representation of the full technical scope and professional function of the Institute shall be considered by the Committee in its selection.

6.4.2 **Official Nominee.** The nominee selected by the Committee shall be known as the Official Nominee. The Secretary shall notify all members of the selection of the Official Nominee either by a notice in the Institute publications or by individual notification sent to each member of the Institute.

6.4.3 **Nomination by Petition.** No later than June 1, nominations by petition for the office of Treasurer may be filed with the Secretary. Petitions for such nominations shall contain the signatures of at least 200 voting members of the Institute. Nominees fulfilling petition requirements herein described shall be known as Petition Nominees. Petition Nominees shall be so designated on the ballot.

6.4.4 **Nominee Acceptance.** Official and Petition Nominees shall be fully informed of the duties and requirements of officer positions and shall consent to their nominations. Official and Petition Nominees shall submit a letter confirming willingness to serve if elected, and a short resume in a format stipulated by the Nominations and Elections to the Secretary before June 1.

6.4.5 **Election Process.** The Institute election process shall be in accordance with the Institute’s Bylaws. A ballot bearing the names of all candidates for Treasurer shall be provided to all voting members of the Institute by June 15. The polls for the election ballot shall close at 5:00 p.m. eastern time on August 14 and the ballots shall be counted within one (1) week. In the event there is only one (1) Nominee for Treasurer, the Board shall have the authority to declare that individual elected and an announcement by the Institute made in lieu of a ballot.

6.4.6 **Tellers Committee.** The Board shall fill the role of a Tellers Committee, taking responsibility for the election process.

6.4.7 **Announcement of Election Results.** The Institute shall announce immediately to the membership the name of the elected Treasurer. These announcements shall appear in the Institute publication and in the Society’s official publication.

6.5 **Vacancies.**

6.5.1 **President.** A vacancy in the office of President shall be filled for the unexpired portion of the term by a member of the Board as determined by the Board at the time of the vacancy.

6.5.2 **Vice President.** A vacancy in the office of Vice President shall be filled for the unexpired portion of the term by a member of the Board as determined by the Board at the time of the vacancy.

6.5.3 **Past President.** A vacancy in the office of Past President shall be filled for the unexpired portion of the term by the latest available former Past President who is willing to serve.

6.5.4 **Treasurer.** A vacancy in the office of Treasurer shall be filled for the unexpired portion of the term by a member of the Board as determined by the Board at the time of the vacancy.

6.5.5 **Society Appointed Governor.** Whenever a vacancy occurs in an appointed position of the Board, it shall be filled for the remainder of the term without undue delay by a direct appointment of the Society’s Board of Direction, or in the case of the Secretary, by the Society’s Executive Director.

6.5.6 **Board Appointed Governors.** A vacancy by a Governor other than the President, Vice President, Past President, Treasurer, or Board Appointed Governor shall be filled for the unexpired portion of the term by appointment of the Board.

6.6 **Succession of Elected Officers.** When a vacancy occurs in an elected office and is filled by an appointed individual for the unexpired term, the elected officer next in line shall advance to the next elected position in the following term. The Nominations and Elections Committee shall nominate members to fill the vacated positions in the next election.

6.7 **Compensation of Board Members.** Board members shall not receive any salary or other compensation for their services as Board members.
6.8 Rules. The Board may establish rules that are consistent with these Bylaws for the policies, procedures, and programs of the Institute.

6.9 Removal. Elected officers may be recalled from office by a two-thirds (2/3) vote of the Board.

Article VII. Officers

7.0 Officers. The officers of the Institute shall be the members of the Board. The officers include a President, Vice President, Treasurer, Past President, and Secretary.

7.1 Duties.

7.1.1 President. The President shall be a volunteer Institute member, and is responsible for the general supervision of the affairs of the Institute. The President shall preside at all meetings of the Board and of the members of the Institute. The President may call special meetings of the Board or of the members. The President may appoint any committees and chairpersons for those committees deemed necessary for effective functioning of the Institute, subject to approval of the Board.

The President or an appointed designee shall attend regular and special meetings of the Society Board of Direction, and report at such meetings on Institute affairs, if requested to by the Society Board of Direction, by the Society President, or the Society Executive Director.

7.1.2 Vice President. The Vice President shall serve as the President-elect of the Institute, shall act in the absence of the President, chair the Nominations and Elections committee, and shall have such powers as may from time to time be delegated by the Board.

7.1.3 Treasurer. The Treasurer shall monitor management of the financial affairs of the Institute by the Institute Director, who shall prepare and present an annual financial report at the Annual Membership Meeting of the Institute.

7.1.4 Secretary. The Secretary is the Institute Director. The Secretary shall give notice of, attend and insure minutes are kept of all meetings of the Board, unless excused by the Board there from; shall have custody of the minutes; shall coordinate all committee meetings; shall approve and admit members of the Construction Institute; consistent with the Board policy; shall manage the financial affairs of the Institute; shall maintain records of the Institute’s income and expenditures and be prepared to present an accounting thereof to the Board, to the membership, officers, or any duly authorized person or persons when directed to do so by the Board; and shall perform other such duties and have other such powers as may from time to time be delegated by the Board.

7.1.5 Institute Director. The Institute Director is responsible for supervising the day-to-day affairs of the Institute, according to the policies, programs and budget directions given by the Board and the Society.

The Institute Director is appointed, and can be removed, with or without cause, by the Executive Director of the Society after consultation with the Board. The Institute Director shall appoint all Institute staff, independent contractors, and other suppliers and, subject to direction of the Board, Institute agents. In making such appointments, the Institute Director shall comply with the human resources policies and procedures of the Society, which shall be applicable to and binding on the Institute.

Articles VIII. Organizational Elements

8.0 Organizational Elements. The Board may by resolution and at its discretion, define, establish and discharge Organizational Elements that include but are not limited to directorates, committees, councils, student chapters, local chapters, and task committees as necessary or desirable to conduct the affairs of the Institute. Organizational Elements of the Institute may be directed to establish written operating policies and procedures, which shall require approval of the Board for adoption and amendment.

8.1 Tangible and Intangible Property. Organizational Elements shall return all tangible property and records, and all records relating to any intangible property and work product of the Organizational Element to the Institute when discharged, or when requested by the Board. Such materials and any intangible property including work products of the Organizational Element belong to the Institute.
Article IX. Meetings

9.0 Board of Governors Meetings.

9.0.1 Regular Meeting. The Board shall meet at least annually to conduct any business that might properly come before it. The President of the Institute shall fix the place and date of this meeting. All Board members shall be given at least thirty (30) days notice of meetings. Agenda items shall be filed with the Secretary at least forty-five (45) days before the Annual Meeting, and the agenda shall be sent to the Board members at least thirty (30) days in advance of the meeting.

9.0.2 Additional Scheduled Meetings. Additional scheduled meetings of the Board may be held each year, at times and locations designated by the President. Notice and agenda items for Additional Meetings are as defined for the Regular Meeting.

9.0.3 Special Meetings. The President may call Special Meetings at any time. Special Meetings may also be called by the Vice President upon the request of three (3) other members of the Board. At such meetings, there shall only be considered such business as is specified in the meeting notice. At least ten (10) days advance notice of any such Special Meeting shall be given by the Secretary to the Board.

9.0.4 Quorum. At all meetings of the Board, a majority of the Board shall constitute a quorum and be empowered to act for the Institute, except as may be otherwise specifically provided by these Bylaws or other applicable instrument or law. If at any meeting there is less than a quorum present, the presiding officer shall adjourn the meeting to another time and place.

9.0.5 Action without a Meeting. Any action required or permitted to be taken by the Board may be taken without a meeting if all members of the Board consent in writing to such action.

9.0.6 Meeting Participation by Alternative Means. Any member of the Board may participate in a meeting of the Board by conference telephone or similar communications system that allows all persons participating in the meeting to hear each other at the same time. Such participation shall be considered presence in person at the meeting.

9.0.7 Attendance by Institute Director. The Institute Director or designee shall be present at all meetings of the Board, except for Executive Sessions of the Board, for which the Institute Director may or may not be present, as the Board may direct.

9.1 Membership Meetings.

9.1.1 Annual Membership Meeting. An Annual Membership Meeting shall be held each year to conduct any business that might properly come before the Institute. The Annual Membership Meeting will be held at a time and place determined by the Board.

A minimum attendance of twenty-five (25) voting members shall constitute a quorum for the Annual Membership Meeting.

9.1.2 Special Meetings. The Board may call Special Meetings of Institute membership upon written request of not less than two hundred (200) voting members. The request shall state the purpose of the meeting.

9.1.3 Notice. The Board shall give the membership at least thirty (30) days notice of Annual Membership Meetings and Special Meetings. The notice shall include a description of the business to be conducted.

9.1.4 Voting. At an Annual or Special Meeting, where a quorum is present, a majority of voting members is necessary to make a decision except where some other number is required by law or these Bylaws. Proxy voting is not permitted.

Article X. Administration

10.0 The administration of the Institute is under the direction of the Institute Director.

10.1 Parliamentary Authority. All meetings of the Institute shall be conducted according to Robert’s Rules of Order, Newly Revised, in all cases to which these Rules are applicable and in which such rules are not inconsistent with the Society and/or Institute’s governing documents.

10.2 Relationship to Society. Fees for services provided to the Institute by the Society shall be set by written agreement between the Institute and the Society.
The Society shall have the right of first refusal on the provision of services for the delivery of Institute products and services. In the event that the Institute develops a product or service on its own, it must meet Society standards for quality.

All Property and Records of the Institute shall belong to the Society.

The Institute may issue its own statements of policy but must identify them as such. Any amplification, interpretation, or application of Society policies other than by the Society Board of Direction must be clearly identified as the views of the component so engaged and not of the Society. No action shall be taken by the Institute that may be deemed to express an attitude or action of the Society. The Board may address resolutions or recommendations to the Society Board of Direction for consideration, approval and promulgation.

The Institute may conduct conferences and conventions by itself or acting in conjunction with other units of the Society or other affiliated organizations subject to the right of first refusal defined herein.

Affiliations with Other Associations and Federations. The Institute may form affiliations or relationships with other groups and may serve as the United States of America member society to various international organizations, as approved by the Board. These relationships shall not be in conflict with Society policies.

Publications. Publications of the Institute shall be consistent with Society policies except as provided in written agreements that may exist between the Society and the Institute.

The Institute may develop journals, magazines, Manuals of Practice and Standards by itself or in conjunction with the Society or other organizations. The Society shall have the right of first refusal to act as the Publisher of such publications.

Members of the Institute who are not members of the Society shall be entitled to receive publications of the Institute at the Society member rates and other Society publications at the rates determined by the Society and the Board.

Indemnification. The Governors, Institute Director, members, employees, and agents, in their respective capacities as such, each shall have the same rights of indemnification from the Society as do Society members, employees, and agents.

Article XI. Finance

Fiscal Year. The Fiscal Year of Institute shall be from October 1 through September 30.

Assets. All assets held by or for the Institute are vested in the Society and shall be handled according to its fiscal policies.

Fiscal Responsibility. The Board, with due responsibility to the Society Board of Direction, shall oversee the funds and assets of the Institute and shall direct the Institute Director in their management. Neither the Institute nor any individual Board member, Institute officer, member, employee, or representative thereof, shall have any authority, as such, to contract debts for, pledge the credit of, or in any way financially bind the Society.

Institute Budget. The Institute Director, acting on behalf of the Treasurer, shall prepare an annual accounting of all anticipated costs, revenues, reserves, fees and other charges for products and services provided by the Society. The Board shall approve an annual budget in accordance with guidelines established by the Society.

Revenues. The Institute may raise revenue by means other than dues from members and fees for publications, provided such means are consistent with Society policy and the maintenance of the Society’s tax-exempt status. Any proposed solicitations, and the proposed acceptance of any grant or donation which contains any restriction, shall first be submitted to and approved as permissible by the Society Executive Director, who shall investigate and notify the Institute of a determination, including any restrictions or modifications on which approval is conditioned. In the event that the Institute’s revenues exceed its expenditures, the Society shall create a general reserve fund therefore, and the Institute shall control this reserve and may use funds from this reserve for programs and activities of the Institute.
11.5 **Records.** The Institute Director shall keep the books and accounts of the Institute.

11.6 **Reporting.** At the close of each fiscal year, the Institute Director shall provide a preliminary statement of the affairs of the Institute, including, but not limited to, a balance sheet and fiscal statement of operations for the preceding year. The statement shall be submitted to the Board and to the Society Board of Direction within sixty (60) days from the close of the fiscal year.

11.7 **Audit.** The Institute Director shall procure annually an external financial review of the books and records of the Institute. Such audit may be performed in conjunction with the Society’s annual audit. The books and records shall be made available to the Society Treasurer or designee on reasonable notice.

**Articles XII. Dissolution**

At any duly constituted meeting of the Board, by a two-thirds (2/3) vote, the Board may vote to recommend dissolution of the Institute by the Society Board of Direction. Prior to any such action written notice of this proposed action shall have been given at a previous meeting of the Board. Additionally, the proposed dissolution shall have been published, together with an announcement soliciting membership comments in an Institute or Society publication that reaches the membership of the Institute at least ninety (90) days before the dissolving action by the Board. Such notice can also be sent to the membership by other means.

**Article XIII. Amendment**

The Institute Bylaws may be amended at a duly constituted meeting of the Institute Board by a four-fifths (4/5) majority of those present and voting, provided that a written notice of such proposed amendment shall have been given at a previous meeting of the Institute Board. No amendment to these Bylaws shall be effective until approved by the Society Board of Direction.
CONSTRUCTION INSTITUTE

Board of Governors

Purpose: To carry out the vision, mission, and goals of the Institute as stipulated in the Institute Business Plan and Bylaws; to serve the needs of Institute members; and to make the Institute the leader for promoting excellence in construction.

Bradley J. Williams, A.M.ASCE, President
Andrew Holmaquist, P.E., M.ASCE, Vice President
Craig F. Ruyle, P.E., M.ASCE, Treasurer
Robert M. Schraeder, P.E., M.ASCE, Past President
Eugene N. Balter, P.E., F.ASCE, Governor
Daniel F. Becker, M.ASCE, Governor

Management Practices in Construction

Purpose: To study, encourage innovation, promote communication and better understanding of, and actively pursue joint efforts within ASCE and other organizations to better understand and utilize the various effective methods of construction management, including various organizational and contractual approaches, personnel qualifications, management techniques and support systems available for use throughout a project in support of the construction management process.

Raymond R. Crawford, A.M.ASCE, Chair
David Tiberi, P.E., M.ASCE, Secretary
David Arditi, Ph.D., M.ASCE
Abdul M. Iscandari, A.M.ASCE
Cary M. Junior, M.ASCE
Matthew M. McDole Jr., P.E., F.ASCE

Construction Site Safety

Purpose: To promote the ASCE policy which asserts that improving construction site safety requires the commitment and attention of all parties involved in a construction project and that safety issues are project specific, by monitoring rules and regulations; defining the various parties’ obligations and responsibilities; providing input to OSHA, and serving as an educational resource.

William R. Nash, P.E., M.ASCE, Chair
Tariq S. Abdelhamid
Philip J. Alterman, P.E., F.ASCE
John E. Chiaverini, P.E., F.ASCE
Harlan W. Fair, P.E., F.ASCE
Pete Flores

Crane Safety

Purpose: To compile, monitor and review information relating to crane safety on construction sites, including current and proposed ASCE policy, legislation, rules, regulations, court and arbitration decisions; and to define responsibilities of owners, general contractors, designers and their employees, relative to crane safety.

Anthony Brown, Chair
Chung-Suk Cho, A.M.ASCE, Secretary
Philip J. Alterman, P.E., F.ASCE
John E. Chiaverini, P.E., F.ASCE
Dennis Eckstine
Harlan W. Fair, P.E., F.ASCE
David A. Johnson, Aff.M.ASCE

Terry W. Micheau, P.E., M.ASCE
Sean M. Mulholland, P.E., M.ASCE
Mehmet E. Ozbek, A.M.ASCE
Jennifer S. Shane, A.M.ASCE
Raymond E. Simpson, P.E., M.ASCE
Peter Tillson, P.E., M.ASCE

John A. Gambatese, P.E., M.ASCE
Matthew R. Hallowell, D.Eng., A.M.ASCE
Reginald Hoover, Aff.M.ASCE
Joseph Kaplan, P.E., F.ASCE
Jim E. Lapping, P.E., M.ASCE
Satish Mohan, Ph.D., P.E., M.ASCE

Joseph Kaplan, P.E., F.ASCE
William R. Nash, P.E., M.ASCE
Robert A. Rubin, P.E., F.ASCE
Charles Scarrott
James D. Worrell, P.E., M.ASCE
Paul S. Zorich, M.ASCE
Specifications

Purpose: To improve the quality, enforceability, and constructability of contract documents for civil engineering contexts; provide outreach to enhance the qualifications and productivity of specification engineers and future practicing professionals; and represent civil engineering interests within primary industry contract document forums

Lawrence P. Eckersley, M.ASCE, Chair
James T. O’Connor, P.E., M.ASCE, Vice-Chair
Peter K. Danso, M.ASCE
W L. Ellis Jr., P.E., M.ASCE
David H. Marlhugh, A.M.ASCE
Monique O’Dwyer, P.E., M.ASCE
David M. Siegler, A.M.ASCE
Rajesh Singh, M.ASCE
John R. Sprouse, P.E., M.ASCE

Temporary Structures in Construction

Purpose: To use forums, publication of technical papers, site visits and written recommendations to inform and educate engineering practitioners and government agencies, and promote research in the levels of design and specification detail recommended, for each sub-category of temporary structures

John Brain, P.E., M.ASCE, Chair
Andrew Bombassaro
Alan Fisher, P.E., M.ASCE
Luke R. Griffis, P.E., M.ASCE
Aramis Hernandez, P.E., M.ASCE
Robin J. Ko, P.E., M.ASCE
Travis Mohr, A.M.ASCE
John G. O’Connor, P.E., M.ASCE
Vincent A. Siebert, P.E., M.ASCE
Reuben P. Zylstra, P.E., P.Eng, M.ASCE

Utility Engineering

Purpose: To promote utilities issues as a missing technical discipline within civil engineering

James H. Anspach, M.ASCE, Chair
John P. Campbell, P.E., M.ASCE
D T. Iseley, Ph.D., P.E., M.ASCE
Drew F. Markewicz, P.E., M.ASCE

Bituminous Materials

Purpose: To advance technology through the systematic collection, assessment and dissemination of information relating to research, development, processing, applications, evaluation, and performance of bituminous materials

John I. Duval, P.E., M.ASCE, Chair
Ala R. Abbas
Imad L. Al-Qadi, Ph.D., P.E., Dist.M.ASCE
Reza Ashtiani
Hussain Bahia, Ph.D., P.E., M.ASCE
Fouad M. Bayomy, Ph.D., P.E., M.ASCE
Richard L. Boudreau, P.E., M.ASCE
Benjamin F. Bowers, S.M.ASCE
Robert E. Boyer, Ph.D., P.E., F.ASCE
Xingwei Chen, D.Eng., Ph.D.
Eddie Y. Chou, P.E.
Stephen A. Cross, P.E., M.ASCE
Clarence W. Culwell III
Qingli Dai, A.M.ASCE
Samer H. Dessouky, Ph.D., P.E.
Qiao Dong, A.M.ASCE
Mohamed K. Ellimo, Ph.D., P.E., M.ASCE
Jim W. Hall Jr., P.E., L.S., F.ASCE
Fawaz Hamoui
Thomas P. Harman
Baoshan Huang, Ph.D., P.E., M.ASCE
Yuan Jing
Prithvi S. Kandhal, P.E.
Mohammad A. Khasawneh
Sang-Soo Kim
Y R. Kim, Ph.D., P.E., F.ASCE
Dah Yinn Lee, M.ASCE
Hosin Lee, Ph.D., P.E., M.ASCE
Kang-Won W. Lee, Ph.D., P.E., F.ASCE
Peng Li
Juanyu Liu, P.E., M.ASCE
Kamyar C. Mahboub, P.E., F.ASCE
Rajib B. Mallick, P.E., M.ASCE
James K. Matthews
Walah S. Mogawer, Ph.D., P.E., F.ASCE
Louay N. Mohammad, Ph.D., M.ASCE
Carl L. Monismith, P.E., Hon.M.ASCE
Anthony P. Mullin, P.E., M.ASCE
Ahmed S. Noureldin, Ph.D., P.E., M.ASCE
Mbakisiya A. Onyango, Aff.M.ASCE
Wei-Chou V. Ping, P.E., M.ASCE
Anand J. Puppala, Ph.D., P.E., D.GE, F.ASCE
Stephan K. Saboundjian, Ph.D., P.E., M.ASCE
James A. Scherocman, P.E., M.ASCE
Jin Shanshan
Jinan Shen, Ph.D., M.ASCE
Shihui Shen, A.M.ASCE
Hadi H. Shirazi, P.E., M.ASCE
Punith V. Shivaprasad, Ph.D., A.M.ASCE
Xiang Shu, Ph.D., A.M.ASCE
Construction Quality Management and Inspection

Purpose: To promote inspection of construction as a vital component of construction quality management and to develop personnel, criteria, methods, and procedures for effective construction quality management programs.

Mark E. Baker, P.E., M.ASCE, Chair
Matthew W. Anderson, P.E., M.ASCE, Secretary
Mustafa N. Bahjet, P.E., M.ASCE
Abdol R. Chini, Ph.D., P.E., M.ASCE
Erin P. Donovan, P.E., M.ASCE
Danny L. Kahler, P.E., M.ASCE
Charles J. Kanapicki, P.E., M.ASCE

Claims Avoidance and Resolution

Purpose: To establish best practices for claims avoidance and resolution, act as a clearinghouse to disseminate information to the construction industry and serve as an educational resource to CI/ASCE and others with respect to claims.

Rayford W. Jenkins Jr., P.E., M.ASCE, Chair
Michael E. Radbill, P.E., F.ASCE, Vice-Chair
Stephen A. Hess, P.E., M.ASCE, Secretary
Craig A. Lindquist, P.E., M.ASCE, Secretary
Daniel F. Becker, M.ASCE
Ali Catik
John E. Chiaverini, P.E., F.ASCE
John J. Ciccarelli, P.E., M.ASCE
Robert M. D’Onofrio, P.E., M.ASCE
Kenneth F. Haines, M.ASCE
Joseph R. Hellenbrand, P.E., M.ASCE
Dennis L. Hess, P.E., M.ASCE
Wilbur H. Hinton II, P.E., M.ASCE
Lawrence Humphries, P.E., M.ASCE
Michael T. Kamprath, A.M.ASCE
John S. Knowlton, P.E., M.ASCE

Younger Members Forum

Purpose: To facilitate the integration of engineers who are new to the construction industry with more experienced CI members, encourage multigenerational dialogue within the construction industry, and provide leadership opportunities for young members with a demonstrated interest in CI.

Jonathan J. Balzer, P.E., M.ASCE
Jackie L. Borman, A.M.ASCE
Robert M. D’Onofrio, P.E., M.ASCE
Amber M. Girard, P.E., M.ASCE

Chris W. Hermreck
Peter B. Kapsidelis, A.M.ASCE
Nicole L. Koran, A.M.ASCE
Travis Mohr, A.M.ASCE
Construction Research Council

Purpose: To advance engineering knowledge and practice related to construction through stimulating and guiding research and assisting the financing thereof; to interpret and promote the utilization of the findings of research for the construction industry; and to identify future needs in the construction field and publicize them to stimulate appropriate research

Sanghyun Lee, A.M.ASCE, Chair
Amr Kandil, Vice Chair

Construction Standards Council

Purpose: To coordinate all activities of the Construction Institute related to the establishment, use, or discontinuance of standards in the area of construction

James H. Anspach, M.ASCE, Chair
Ralph D. Ellis Jr., P.E., M.ASCE, Vice-Chair

Utility As-Built Standards

Purpose: To develop an ASCE/ANSI standard on how to create, manage, and exchange utility as-built information

Philip J. Meis, P.E., M.ASCE, Chair
John L. Krause Jr., P.L.S., M.ASCE, Vice-Chair
James H. Anspach, M.ASCE
James K. Arnott
Reinhard Beschel
Casey H. Brown, P.E., M.ASCE
John P. Campbell, P.E., M.ASCE
Iraja Cecy
Daniel Colby
Nathan Copeland
Joe Evjen
Cassidy Garden
Robert Garrett, P.E.
Joseph J. Gemin
Mathew N. George, A.M.ASCE
Nathan Gustavson
Donald W. Haines
Randall C. Hill, P.E., M.ASCE
Jeremy B. Jones, P.E.
Kenneth C. Kerr, P.E., M.ASCE

Collection and Depiction of Existing Subsurface Utility Data

Purpose: To come up with a nationally accepted consensus standard for defining the quality of utility information that is placed on plans. Addressed will be such issues as how utility information is obtained, which technologies should be used to obtain such information and how the information should be conveyed to its users

James H. Anspach, M.ASCE, Chair
Kevin S. Nichols, P.E., M.ASCE, Vice-Chair
Jun B. Birnkammer
Chhin Chhi C. Chang, Ph.D., P.E., F.ASCE
Gary C. Fawver
John E. Harter, P.E., M.ASCE
John L. Krause Jr., P.L.S., M.ASCE

Jeffrey J. Lew
Randall J. Murphy
Kien Nguyen, P.E.
James F. Noone, P.E., M.ASCE
Cesar A. Quiroga, P.E., F.ASCE
Terence J. Scanlan
Cary A. Skahn, P.E., M.ASCE
**Standard Design and Construction Guidelines for Microtunneling**

Purpose: To develop standards for construction guidelines for micro-tunneling

<table>
<thead>
<tr>
<th>Name</th>
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<th>Institution</th>
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<tbody>
<tr>
<td>Glenn M. Boyce, P.E., F.ASCE</td>
<td>Chair</td>
<td>James K. Kwong, Ph.D., P.E., M.ASCE</td>
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<td>Michael G. Boyle, P.E., Vice-Chair</td>
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<td>Stephen S. Leius</td>
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<td>Robert D. Bennett, P.E., M.ASCE</td>
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<td>Robert Lys Jr., P.E., M.ASCE</td>
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<td>Mark H. Bruce, M.ASCE</td>
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<td>Michael P. Murphy, P.E., M.ASCE</td>
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<td>Ralph R. Carpenter, M.ASCE</td>
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<td>Mohammad Najafi, Ph.D., P.E., F.ASCE</td>
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<td>Joseph P. Castronovo, P.E., M.ASCE</td>
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<td>Alberto G. Solana, P.E., M.ASCE</td>
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<td>Daniel J. Dobbels, P.E.</td>
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<td>Richard Thomasson</td>
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<td>Dennis J. Doherty</td>
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<td>Richard C. Turkopp, P.E., M.ASCE</td>
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<td>D T. Iseley, Ph.D., P.E., M.ASCE</td>
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<td>Michael G. Vitale, P.E., M.ASCE</td>
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**Direct Design of Buried Concrete Pipe Box Sections Standards**

Purpose: To develop standards for the direct design, manufacture and construction of buried precast concrete pipe and box sections

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<tr>
<th>Name</th>
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<tr>
<td>Kim Spahn, P.E., M.ASCE, Chair</td>
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<td>Hugh Martin, P.E., M.ASCE</td>
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<td>Josh Beakley</td>
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<td>Timothy J. McGrath, P.E., F.ASCE</td>
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<td>Eric A. Carleton, P.E., M.ASCE</td>
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<td>Wallace J. Munden, P.E., M.ASCE</td>
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<td>Oliver S. Delery Jr., P.E., M.ASCE</td>
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<td>Michael P. Murphy, P.E., M.ASCE</td>
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<td>R Hartley Field</td>
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<td>David K. Nishimura, P.E., M.ASCE</td>
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<td>Curtiss W. Gilley, P.E., F.ASCE</td>
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<td>James A. Nystrom</td>
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<td>Corey L. Haeder, P.E., M.ASCE</td>
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<td>Gerald R. Price, P.E., M.ASCE</td>
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<td>Paul M. Heffern Sr., P.E., M.ASCE</td>
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<td>Roman J. Selig III, A.M.ASCE</td>
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<td>George W. Hodge II, P.E., M.ASCE</td>
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<td>Enrico Stradiotto</td>
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<td>John M. Kurdziel, P.E., M.ASCE</td>
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<td>Joseph P. Zicaro</td>
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<td>Joe M. Lundy Jr., Aff.M.ASCE</td>
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<td>Katerina Lachinova, ASCE Staff Contact</td>
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ENGINEERING MECHANICS INSTITUTE (EMI) OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

Created on October 1, 2007, the Engineering Mechanics Institute (EMI) replaces the former ASCE Engineering Mechanics Division. Enrollees of this former Division now comprise EMI’s founding membership.

The mission of the Institute is to serve the engineering community through the development and application of engineering mechanics by anticipating and adapting to new challenges that will face tomorrow’s engineers and by creating an environment that facilitates professional growth to ensure that these future challenges will be met. The Institute seeks to establish a presence at the forefront of new thrusts of mechanics by promoting the most innovative developments in the field, regardless of the discipline of the ultimate user. The Institute also seeks to provide a home not only for those involved in the traditional disciplines, but also for those involved with emerging areas of mechanics. Additionally, the Institute seeks to promote the interdependence of engineering mechanics and other disciplines by providing an interdisciplinary forum for researchers, practicing engineers, industry representatives, citizen groups, public officials and others.

The vision for EMI is to be a premier organization representing engineering mechanics by effectively serving the needs of the world-wide engineering mechanics community and promoting both research and application of scientific and mathematical principles to address a broad spectrum of existing and emerging engineering and societal problems.

The 2014 members of the Board of Governors are:

- Roberto Ballarini, Ph.D., P.E., F.EMI, F.ASCE, President
- Roger G. Ghanem, Ph.D., F.EMI, M.ASCE, Past-President
- Amar A. Chaker, Ph.D., M.ASCE, Secretary
- Lori L. Brady, Ph.D., F.EMI, M.ASCE
- Jiun-Shyan Chen, Ph.D., F.EMI, M.ASCE
- Dan M. Frangopol, Ph.D., P.E., F.SEI, F.EMI, Dist.M.ASCE
- Muhammad R. Hajj, Ph.D., M.ASCE
- Ning Lu, Ph.D., F.ASCE
- Andrew W. Smyth, Ph.D., F.EMI, M.ASCE

Staff Contacts:

- Amar A. Chaker, Ph.D., M.ASCE, Director
- Verna L. Jameson, Administrator
Engineering Mechanics Institute Bylaws

Article 1. Name
1.0 Name. The name of this Institute shall be the Engineering Mechanics Institute (hereinafter referred to as the “Institute”) of the American Society of Civil Engineers (hereinafter referred to as the “Society”).

Article 2. Vision
2.0 Vision. The Vision of the Institute is to be a premier organization representing engineering mechanics by effectively serving the needs of the world-wide engineering community and promoting both research and application of scientific and mathematical principles to address a broad spectrum of existing and emerging engineering and societal problems.

Article 3. Mission
3.0 Mission. The mission of the Institute is to serve the engineering community through the development and application of engineering mechanics by anticipating and adapting to new challenges that will face tomorrow’s engineers and by creating an environment that facilitates professional growth to ensure that these future challenges will be met. The Institute seeks to establish a presence at the forefront of new thrusts of mechanics by promoting the most innovative developments in the field, regardless of the discipline of the ultimate user. The Institute also seeks to provide a home not only for those involved in the traditional disciplines, but also for those involved with emerging areas of mechanics. Additionally, the Institute seeks to promote the interdependence of engineering mechanics and other disciplines by providing an interdisciplinary forum for researchers, practicing engineers, industry representatives, citizen groups, public officials and others.

Article 4. Organization
4.0 Organization. The Institute is organized within the Society. All policies and activities of the Institute shall be consistent with and subject to:
4.0.1 the Society’s Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure, and Code of Ethics;
4.0.2 applicable federal, state, and local antitrust, trade regulation, and other laws, regulations, and legal requirements;
4.0.3 all requirements to maintain the status of the Society as a not-for-profit organization exempt from Federal income tax under Sections 501(a) and 501(c)(3) of the Internal Revenue Code of 1954, as amended, (hereinafter referred to as the Code) qualifying at all times as an organization to which tax deductible contributions may be made pursuant to applicable sections of the Code;
4.0.4 all requirements imposed by relevant jurisdiction for maintenance by the Society of any license, permit, or authority it may hold to conduct activities and do business as a foreign not-for-profit corporation within that jurisdiction;
4.0.5 and such other policies and procedures as are authorized under these documents.

Article 5. Membership
5.0 Membership Qualification. Membership in the Institute shall be open to any Society member in Good Standing and all other persons and organizations interested in advancing the vision and mission of the Institute.
5.1 Membership Categories. The membership categories shall be differentiated as Individual Members and Group Members.
5.1.1 Individual Members. The Individual Member categories of the Institute are:
5.1.1.1 Member. Individuals who are engaged in teaching, research, or application of traditional or emerging areas of engineering mechanics including but not limited to the fields of solid mechanics, fluid mechanics, dynamics, computational mechanics, nano-mechanics, sensor technology, information technology, multi-scale simulation, biomechanics, and sustainability.
5.1.2 Student Member. Full-time graduate students interested in mechanics.

5.1.3 Fellow. The Institute may award Fellow membership to an individual member based on accomplishments, achievements, or scholarship, as recognized by the Board of Governors.

5.1.2 Group Membership. The Group Membership categories of the Institute are:

5.1.2.1 Organizational Membership. Organizations engaged in research or application of engineering mechanics.

5.1.2.2 Sustaining Membership. Other organizations may elect to participate as Sustaining Members of the Institute.

5.2 Member Participation. Except for Student Members, Individual Members in Good Standing may be appointed to and participate in all Institute Boards, Councils, Committees, and other entities and may vote on all Institute procedural issues and elections put forth for the general membership. An Individual Member whose dues and other charges are not in arrears shall be considered in Good Standing.

5.3 Non-Member Participation. At the discretion of the Board of Governors, non-members of the Institute may serve on Institute Committees as voting members.

5.4 Expulsion. Any member may be expelled from the Institute for conduct in violation of these Bylaws, or the Society’s Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure or Code of Ethics, as applicable, or for conduct which, in the opinion of the Board of Governors, is improper and prejudicial to the best interest of the Society or the Institute. A decision to expel shall be preceded by a fair hearing at a meeting of the Board of Governors. Separation from membership in the Institute and disciplinary proceedings shall follow the procedure outlined in the Society Bylaws. The Board of Governors shall act on behalf of the Institute. Decisions of the Board of Governors shall not be open to appeal except in cases involving recommendation by the Board of Governors to expel a Society member, in which cases an appeal may be made to the Society Board of Direction, whose decision is final.

Cases involving Society members accused of violating the Society Code of Ethics shall be referred to the Society Committee on Professional Conduct.

Article 6. Dues


6.1 Payment of Dues. Dues shall be payable annually in advance of January 1 of each year. A person who becomes a member in the Institute after June 30 in any calendar year shall pay one-half (1/2) of the annual dues for that year.

An Institute Member who advances from any grade to a higher grade in the Institute shall pay the annual dues of the higher grade, effective the next Institute membership year.

6.2 Statements. Not later than December 1 each year, the Institute shall mail to each Non-Society member, at the latest address known to the Institute, a statement of current indebtedness, if any, of the Institute member and the amount of dues for the ensuing calendar year.

6.3 Non-payment. Any Institute member whose dues become twelve (12) months in arrears shall forfeit membership in the Institute.

6.4 Remission of Dues. The Board of Governors, for cause deemed by it to be sufficient, may excuse any Institute member from the payment of annual dues, temporarily or permanently; may excuse the whole or any part of the dues which may be in arrears; and may remove any name from the list of those permanently excused from the payment of dues.

6.5 Refunds. No dues or fees will be refunded.

Article 7. Board of Governors

7.0 Duties of the Board of Governors. The Board of Governors shall oversee and direct the affairs, activities, and concerns of the Institute. The Board of Governors shall establish and modify policies and procedures; create and dissolve organizational elements, councils and committees;
appoint and discharge representatives and special delegates; and take other actions consistent with these Bylaws for the purpose of accomplishing the vision and mission of the Institute.

7.1 Composition. The Board of Governors shall have seven (7) voting members elected or appointed as follows: six (6) Governors elected by the Institute membership, and one (1) Governor appointed by the Society’s Board of Direction. In addition, the Secretary shall attend all meetings of the Board of Governors.

7.2 Qualifications. Each member of the Board of Governors shall be a Member in Good Standing of the Institute and also a Member in Good Standing of the Society. Student Members of the Institute shall not serve on the Board of Governors. A Board of Governors member who ceases to be in Good Standing in the Institute or the Society while in office shall be removed.

7.3 Term of Office. The term of office of the Board of Governors shall commence at the beginning of the Fiscal Year, except in cases where a Board member is appointed to fill a vacancy.

7.3.1 Elected Governors. The term of office of Elected Governors shall be three (3) years and no individual may serve more than two (2) terms as Elected Governor. To the extent possible, the terms of the Elected Governors shall be staggered so that at least one (1) Governor’s term expires at the end of each Fiscal Year. Elected Governors may not serve as Appointed Governors once their term has expired.

7.3.2 Society Appointed Governor. The term of office of the Society Appointed Governor shall be one (1) year. The Society Appointed Governor may be reappointed to successive one (1) year terms, not to exceed three (3) years total service. Society Appointed Governors are eligible to become Elected Governors upon completion of their term of appointment.

7.4 Vacancies. When a vacancy occurs in an Elected Governor position on the Board of Governors, that vacancy shall be filled by an individual selected by the remaining Governors. When the vacancy occurs in the Society Appointed Governor position, that vacancy shall be filled by the Society Board of Direction.

7.5 Compensation. Members of the Board of Governors shall not receive any salary or other compensation for their services as a Governor, but they shall be entitled to reimbursement of reasonable expenses, if any, under procedures established by the Board of Governors and the Society.

7.6 Removal. A member of the Board of Governors may be removed for cause by unanimous vote of the other voting members of the Board of Governors and with the concurrence of the Society’s Board of Direction.

Article 8. Nominations and Elections

8.0 Nominating Committee. The Nominating Committee shall consist of five (5) members, none of whom are current members of the Board of Governors. The Chair of the Nominating Committee shall be a Past President of the Institute or a Past Chair of the Engineering Mechanics Division. Nominating Committee members shall serve a term of two (2) years and may be reappointed to serve one (1) additional term.

The Nominating Committee, with the approval of the Board of Governors, shall establish the election schedule and procedures.

8.1 Election of Governors. The Nominating Committee shall annually solicit from the membership of the Institute names of candidates for Elected Governor positions. The Nominating Committee shall select up to two (2) candidates for each Governor position to be filled, taking into consideration the Institute’s objective of diverse representation on the Board of Governors. An election for the Board of Governors shall be held annually and shall be completed by August 31.

8.2 Official Nominee. The nominees selected by the Nominating Committee shall be known as the Official Nominees.

8.3 Nominee Acceptance. Official Nominees shall be fully informed of the duties and requirements of officer positions and shall consent to their nominations. Official Nominees shall submit a letter to the Secretary confirming willingness to serve if elected, and a short resume in a format stipulated by the Nominating Committee.

8.4 Election Ballot. The election ballot shall include the names of all Official Nominees.
8.4.1 Distribution of Ballot. The election ballot shall be sent to the Address of Record for all Voting Members of the Institute in Good Standing.

8.4.2 Deadline for Receipt of Ballots. Once the election ballots have been distributed, the polls for the election shall remain open for thirty (30) days.

8.4.3 Count by Tellers Committee. The ballots shall be counted by no fewer than three (3) tellers who shall be appointed by the President of the Institute Board of Governors. These tellers comprise the Tellers Committee. No count or listing of votes cast in any Institute election shall be permitted until after the polls have closed and then only by the Tellers Committee. The ballots shall be counted within two (2) weeks following the close of the election. The person who receives the largest number of valid votes for an office shall be declared elected. In the event of a tie between two (2) or more persons for the same office, selection shall be made by the Board of Governors from the persons so tied. The Secretary shall announce the results of the election to the membership.

Article 9. Officers

9.0 Officers. The Officers of the Institute shall be the President, Vice President, Past President, Secretary, and Treasurer.

9.1 Term of Office. Each Officer, excluding the Secretary, shall serve a one (1) year term to commence at the beginning of a Fiscal Year except in cases where a Board of Governors member is inducted to complete an unexpired term. No Officer shall serve more than two (2) consecutive terms in the same office.

9.2 Election of Officers. The elected Officers of the Board of Governors shall be a President, Vice President, and Treasurer. The Officers shall be elected annually from among the members of the Board of Governors.

9.3 Duties of Officers. The Officers of the Institute shall perform all duties required by the Society and the Institute’s governing documents, and those duties incident to the office or as may be assigned. Such duties may include, but are not limited to, preparation for, attendance at and participation in meetings of the Board of Governors, and other official assignments.

9.3.1 Additional Duties of the President. The President, on behalf of the Board of Governors, shall prepare and distribute to the membership an Annual Report for the preceding fiscal year within one hundred twenty (120) days of the conclusion of the previous fiscal year. The President shall preside at and call all General and Special Meetings of the Board of Governors. The President shall recommend Chairs and members to Committees and Task Groups for approval by the Board of Governors. The President or an appointed designee may attend regular and special meetings of the Society’s Board of Directors, and report at such meetings on Institute affairs, if requested by the Society’s Board of Directors.

9.3.2 Additional Duties of the Vice President. In the temporary absence or disability of the President, the Vice President shall discharge the duties of the President.

9.3.3 Additional Duties of the Treasurer. The Treasurer shall monitor the management of the financial affairs of the Institute.

9.3.4 Additional Duties of the Secretary. The Secretary shall keep the records for the Board of Governors, and shall provide notice for all meetings of the Board of Governors and the Institute as requested by the Board of Governors.

The Secretary is the Institute Director and an employee of the Society. The Institute Director can be removed, with or without cause, by the Executive Director of the Society after consultation with the Board of Governors of the Institute.

Article 10. Meetings

10.0 Scheduled Meetings of the Board of Governors. The Board of Governors shall meet at least annually to conduct any business that might properly come before it. The President of the Board of Governors shall establish the date, place and agenda for this annual meeting. Agenda items shall be determined by the Board of Governors. All members of the Board of Governors shall be given at least thirty (30) days notice of meetings.
10.1 **Special Meetings of the Board of Governors.** Special Meetings of the Board of Governors may be called by the President or upon the request of any three (3) Board of Governors members. At such meetings, there shall be considered only such business as is specified in the meeting notice. At least fifteen (15) days advance notice of a Special Meeting shall be given.

10.2 **Special Conditions.** Any action required to be taken at a meeting of the Board of Governors, or any action that may be taken at a meeting of the Board of Governors, may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all members of the Board of Governors and be filed with the minutes of the meeting of the Board of Governors. Members of the Board of Governors may participate in any meeting of the Board of Governors by telephone conference or similar communications equipment by means of which all persons participating in the meeting can hear each other and such participation in a meeting shall constitute attendance at the meeting.

**Article 11. Finance**

11.0 **Fiscal Year.** The fiscal year of the Institute shall be from October 1 through September 30.

11.1 **Assets.** All assets held by or for the Institute are vested in the Society and shall be handled according to the Society's fiscal policies.

11.2 **Fiscal Responsibility.** The Board of Governors, with due responsibility to the Society's Board of Direction, shall oversee the funds and assets of the Institute and shall direct the Institute Director in their management. No member of the Board of Governors, Institute Officer, Institute member, or representative thereof shall have any authority, as such, to contract debts for, pledge the credit of, or in any way financially bind the Society.

11.3 **Institute Budget.** The Institute budget shall be approved annually by the Board of Governors in accordance with guidelines established by the Society's Board of Direction.

11.4 **Records.** The Institute Director shall keep the books and accounts of the Institute.

11.5 **Reporting.** At the close of each fiscal year, the Treasurer and the Institute Director shall provide a preliminary statement of the affairs of the Institute, including, but not limited to, a balance sheet and fiscal statement of operations for the preceding year, which shall be submitted to the Board of Governors and to the Society Board of Direction within one hundred twenty (120) days from the close of the fiscal year.

11.6 **Revenues.** The Institute may raise revenue by means other than dues from members and fees from publications, provided such means are consistent with Society policies and the maintenance of the Society's tax-exempt status. Any proposed acceptance of solicitations, grants, or donations, which contain any restriction, shall first be submitted to and approved by the Society's Executive Director. In the event the Institute's revenues exceed the Institute's expenses, the Institute shall create a general reserve fund for deposit of excess revenues. The Institute shall control this general reserve fund and may use general reserve funds for programs and activities of the Institute pursuant to Society policy.

11.7 **Audit.** The Institute Director shall procure annually an external financial review of the books and records of the Institute. Such audit may be performed in conjunction with the Society's annual audit. The books and records shall be made available to the Society Treasurer or designee on reasonable notice.

**Article 12. Committees**

12.0 **Organizational Elements.** The Board of Governors may, at its discretion, establish and discharge organizational elements such as committees, divisions, councils, standing and ad-hoc task committees as necessary or desirable to conduct the affairs of the Institute. Establishment of any such organizational element shall be by means of a charter or charge, which shall define the mission of the element and its term of the charter. These elements shall report to the Board of Governors. Appointments to Board level committees shall be made by the Board of Governors upon recommendation of the President. All other appointments may be delegated by the Board to the individual committee chairs, but such appointments must be made with the consent of the Board. The Institute shall have the following committees:
12.1 **Awards Committee.**

*Organization.* The Awards Committee shall include the immediate Past President of the Engineering Mechanics Institute and four (4) additional members appointed by the Board of Governors to serve two (2) year terms. Committee members may be reappointed to a second two (2) year term. The Chair shall be appointed by the Board of Governors annually.

*Responsibilities.* The Awards Committee shall make recommendations to the Board of Governors for nominations of recipients for all Society awards administered by the Institute, in accordance with the rules for each. The Awards Committee shall also make recommendations of candidates and recommend members to the joint EMI/SEI committee that administers the Cermak Medal and the Newmark Medal.

**Article 13. Administration**

13.0 **Parliamentary Authority.** Meetings of the Institute and its Board of Governors shall be conducted according to the most recent version of Robert’s *Rules of Order, Newly Revised*, in all cases to which these rules are applicable and in which such rules are not inconsistent with the Society and/or Institute Constitution, Bylaws, and Rules of Policy and Procedure.

13.1 **Relationship to the Society.** Fees for services provided to the Institute by the Society shall be set by written agreement between the Institute and the Society, and by Society policy. The Society shall have the right of first refusal on the provision of all services for the delivery of Institute products and services, unless otherwise agreed by the Executive Director of the Society or provided by written agreement between the Institute and the Society, or by Society policy. In the event that the Institute develops a product or service on its own, it must meet Society standards for quality.

All property and records of the Institute shall belong to the Society.

The Institute may issue its own statements of policy but must identify them as such. Any amplification, interpretation, or application of Society policies other than by the Society Board of Direction must be clearly identified as the views of the component so engaged and not of the Society. The Institute shall not take any action that may be deemed to express an attitude or action of the Society.

Resolutions or recommendations may be addressed to the Society Board of Direction for consideration or approval and promulgation.

13.2 **Relationships with Other Organizations.** The Institute may establish relationships with other groups and may serve as the United States of America member Society to various international organizations, as approved by the Institute. These relationships shall not be in conflict with Society policies.

13.3 **Indemnification.** Institute Governors, Officers, the Institute staff and agents, in their respective capacities as such, each shall receive the same indemnification by the Society as do the Society’s Directors, officers, members, employees, and agents.

**Article 14. Dissolution**

14.0 **Dissolution.** At any duly constituted meeting of the Board of Governors, by a two-thirds (2/3) vote, the Institute Board of Governors may vote to recommend dissolution of the Institute by the Society Board of Direction, provided that a written notice of this proposed action shall have been given at a previous meeting of the Board of Governors, and provided further that the proposed dissolution shall have been published, together with an announcement soliciting member comments, in an Institute, Society, or third party publication that normally reaches the entire membership of the Institute, or shall have been sent to the membership by other means.

**Article 15. Amendment**

15.0 **Amendment.** The Institute Bylaws may be amended at a duly constituted meeting of the Institute Board of Governors by a four-fifths (4/5) majority of those present and voting, provided that a written notice of such proposed amendment shall have been given at a previous meeting of the Institute Board of Governors.

No amendment to these Bylaws shall be effective until approved by the Society Board of Direction.
Engineering Mechanics Institute

Board of Governors
Purpose: to provide leadership and guidance to the Engineering Mechanics Institute in its mission to serve the engineering community through the development and application of engineering mechanics. The Board of Governors is responsible for defining the strategic directions of the Institute, overseeing its operations, and promoting its growth and development in order to meet the needs of the engineering mechanics community.

Roberto Ballarini, Ph.D., P.E., F.EMI, F.ASCE, President
Roger G. Ghanem, Ph.D., F.EMI, M.ASCE, Past President
Amar A. Chaker, Ph.D., M.ASCE, Secretary
Lori L. Brady, Ph.D., F.EMI, M.ASCE

Administrative Division
Purpose: to oversee the administrative activities of the Institute.

Awards Committee
Purpose: to make recommendations to the EMI Board of Governors for nominees for all Society and EMI awards.

Raimondo Betti, Ph.D., M.ASCE, Chair
James L. Beck, Ph.D., F.EMI, M.ASCE
Roger G. Ghanem, Ph.D., F.EMI, M.ASCE

Bylaws Committee
Purpose: to look at bylaws issues and make recommendations to the Board of Governors

Communications Committee
Purpose: to determine the nature and content of any Institute Newsletter, or web site, and provide for its content and publication.

Tracy L. Kijewski-Correa, Ph.D., A.M.ASCE, Chair
Lori L. Brady, Ph.D., F.EMI, M.ASCE

Education Committee
Purpose: to promote educational and research activities in the engineering mechanics areas, and to identify areas of potential research and facilitate the advancement of engineering mechanics education.

Muhammad R. Hajj, Ph.D., M.ASCE, Chair
Alexander H D. Cheng, Ph.D., F.EMI, M.ASCE

Membership Committee
Purpose: to direct membership campaigns to recruit new Institute members. Participates in section, branch, and student activities of the Society, and the Institute for the purpose of advancing knowledge and membership in the Institute.

James L. Beck, Ph.D., F.EMI, M.ASCE, Chair
New Initiatives Committee

Purpose: to serve as the incubator of the task committees.
Roger G. Ghanem, Ph.D., F.EMI, M.ASCE,
Chair

Nominations Committee

Purpose: to establish the election schedule and procedures.
Sami F. Masri, Ph.D., F.EMI, M.ASCE, Chair
Alexander H. D. Cheng, Ph.D., F.EMI, M.ASCE

Yannis F. Dafalias, Ph.D., F.EMI, M.ASCE
Loren D. Lutes, Ph.D., P.E., F.EMI, F.ASCE
Arif Masud, Ph.D., A.M.ASCE

Conference Division

Purpose: to review and coordinate the planning and execution of conferences and workshops organized by the Institute, as well as any technical sessions of the Society’s annual meetings.
Muhammad R. Hajj, Ph.D., M.ASCE, Chair

Program Committee

Purpose: to administer the procedures necessary for preparation of programs for sessions sponsored by the Institute at conventions of the Society or elsewhere in accordance with policies established by the Society.
Muhammad R. Hajj, Ph.D., F.EMI, M.ASCE, Chair
Andrew W. Smyth, Ph.D., M.ASCE

Publications Division

Journal of Engineering Mechanics

Purpose: to review, edit and evaluate papers within the field of interest of the Engineering Mechanics Institute submitted to the Society for publication, and to administer such other matters of publication as they develop. The editorial board will operate within the policies established by the Society.

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Chunsheng Cai, Ph.D., F.ASCE, Associate Editor
Noel Challamel, Ph.D., Aff.M.ASCE, Associate Editor
Kuang-An Chang, Associate Editor
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Matthew R. Kuhn, Ph.D., P.E., M.ASCE, Associate Editor
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Anil Misra, Ph.D., P.E., M.ASCE, Associate Editor
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Scott A. Socolofsky, Ph.D., M.ASCE, Associate Editor
Lizhi Sun, Ph.D., M.ASCE, Associate Editor
Ertugrul Taciroglu, Ph.D., M.ASCE, Associate Editor
George Z. Voyiadjis, D.Eng., F.EMI, F.ASCE, Associate Editor
Journal of Nanomechanics and Micromechanics

Purpose: to fulfill the emergent need of primarily the engineering mechanics community and secondly of the pertinent scientific community to have a coherent, mainstream journal to publish their experimental, theoretical, or numerical contributions that advance the understanding of nano/micromechanical behavior of engineering materials.

George Z. Voyiadjis, D.Eng., F.EMI, F.ASCE, Editor-in-Chief
Cemalettin Basaran, Ph.D., Associate Editor
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Franz-Josef Ulm, Ph.D., P.E., F.EMI, M.ASCE, Associate Editor
Hussein M. Zbib, Associate Editor

Lecture Notes in Mechanics

Purpose: to provide for the rapid dissemination of comprehensive treatments of current developments in mechanics, serving as a repository and reference for innovation in mechanics, across all relevant application domains.

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Z. Suo, Ph.D., Associate Editor
Franz-Josef Ulm, Ph.D., P.E., F.EMI, M.ASCE, Associate Editor

Technical Division

Purpose: to develop conference sessions and symposia for Institute and Society Conferences and for other initiatives to foster technical activities within the area of engineering mechanics.

Biomechanics Committee

Purpose: to bring together a dynamic group of people focused on biomechanics research within ASCE and beyond. The formation of this committee is motivated by the rapidly growing interest in the broad field of biomechanics over the past years, and in particular the new development the field has seen through the incorporation of approaches from physics and chemistry to provide a multi-scale viewpoint that connotes a merger of structure and material. This is an important element of how mechanics has evolved and will continue to change in the future.

Kalpana Katti, Ph.D., M.ASCE, Chair
Wilkins Aquino, Ph.D.
Roberto Ballarini, Ph.D., P.E., F.EMI, F.ASCE
Rahul Bhownik, Ph.D.
Markus J. Baehler, Ph.D., Aff. M.ASCE

Xi Chen, Ph.D.
Stephen C. Cowin, Ph.D.
Steven W. Cranford, A.M.ASCE
Luis Dorfmann, Ph.D., P.E.
Christian Hellmich, Ph.D., M.ASCE
Computational Mechanics Committee

Purpose: to foster the development and applications of the methods of computational methods (finite element, boundary element, finite difference, finite volume, and others) to problems of engineering mechanics, including structural mechanics, solid mechanics, geomechanics, fluid mechanics, fluid-structure interaction, as well as dynamic and thermal effects.

Dynamics Committee

Purpose: to provide expertise and service to the Civil Engineering profession regarding all aspects of Structural Dynamics, and in particularly: Soil-Structure Interaction, Earthquake Engineering, Active and Passive Structural Control, Computational Algorithms, System Identification, Wind-induced Vibrations, etc.

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Wanliang Shan, Ph.D.
Lizhi Sun, Ph.D., M.ASC
Franck Vernerey, Ph.D.

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Nicholas P. Jones, Ph.D., F.EMI, M.ASC
Loukas F. Kallivokas, Ph.D., P.E., M.ASC
Lambros S. Katarygiotis, Ph.D., A.M.ASC
EMI COMMITTEES

Elasticity Committee

Purpose: to promote activity in the study of methods for the analysis of elastic bodies and their application to engineering problems.

Chair
Ronald Y. Pak, Ph.D., M.ASCE

Eduardo Kausel, Ph.D., P.E., F.ASCE
Sam A. Kiger, Ph.D., P.E., F.ASCE
Tracy L. Kijewski-Correa, Ph.D., A.M.ASCE
Chan Ghee Koh, P.E., M.ASCE
Swaminathan Krishnan, Ph.D., P.E., S.E., M.ASCE
Vincent W. Lee, Ph.D.
Hilmi Lus, Ph.D., A.M.ASCE
Joseph A. Main, Ph.D., M.ASCE
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C. S. Manohar, Ph.D.
Lance Manuel, Ph.D., P.E., M.ASCE
Mehepy Mashnad, Ph.D., P.E.
Sami F. Masri, Ph.D., FEMI, M.ASCE
Babak Moaveni, Ph.D., A.M.ASCE
Satish Nagarajiah, Ph.D., F.S., M.ASCE
James M. Nau, Ph.D., P.E., M.ASCE
Baki M. Orzturk, Ph.D., A.M.ASCE
Ronald Y. Pak, Ph.D.
Apostolos Papageorgiou, Ph.D., M.ASCE
Si-Hwan Park, Ph.D.
Jinsong Pei, Ph.D., M.ASCE
Gokhan Pekcan, Ph.D., M.ASCE
Dunjia Peric, Ph.D., A.M.ASCE

Ernian Pan, Ph.D., F.ASCE
Pedro M. Reis, Ph.D.
Martin Schanz, Ph.D.
Xuexia Wei, Ph.D.
Anil C. Wijeyewickrema, Ph.D.
Kun Zhou, Ph.D.

Bojan B. Guzina, Ph.D., A.M.ASCE
Loukas F. Kallivokas, Ph.D., P.E., M.ASCE
Roberta Massabo, Ph.D.
Sonia Mogilevskaya, Ph.D.
Ernian Pan, Ph.D., F.ASCE
Pedro M. Reis, Ph.D.
Martin Schanz, Ph.D.
Xuexia Wei, Ph.D.
Anil C. Wijeyewickrema, Ph.D.
Kun Zhou, Ph.D.

Experimental Analysis & Instrumentation Committee

Purpose: to foster the development and use of experimental methods, novel instrumentation and the utilization of new experimental techniques in civil engineering applications.

Chair
Yunping Xi, Ph.D., M.ASCE

Q. Jim Chen, Ph.D., A.M.ASCE, Chair
Luca Caracoglia, Ph.D., A.M.ASCE

Marcio C. Araujo, Ph.D., P.E., M.ASCE
Christopher P. Bobko, Ph.D.
Chunsheng Cai, Ph.D., F.ASCE
Roger H. L. Chen, Ph.D.
Suren Chen, Ph.D., P.E., M.ASCE
Lu Deng, Ph.D., M.ASCE
Asad Esmaeily, Ph.D., P.E., M.ASCE
Arindam Gan Chowdhury III, Ph.D., M.ASCE

Henri P. Gavin, Ph.D., P.E., M.ASCE
Sophia Hassiotis, Ph.D., M.ASCE
Eric N. Landis, Ph.D., P.E., M.ASCE
D. Li, Ph.D.
Barzin Mobasher, Ph.D., P.E., M.ASCE
Nima Rahbar, Ph.D., A.M.ASCE
Amy L. Rechenmacher, Ph.D., M.ASCE
Jason W. Weiss, Ph.D., A.M.ASCE

Fluid Dynamics Committee

Chair
Luigi Caracoglia, Ph.D., A.M.ASCE

Q. Jim Chen, Ph.D., A.M.ASCE

Elasticity Committee

Chair
Euclides de Mesquita Neto, Ph.D., M.ASCE

Yunping Xi, Ph.D., M.ASCE

Andrei M. Reinhorn, Ph.D., P.E., FEMI, F.ASCE
Dimitrios C. Rizo, Ph.D., A.M.ASCE
Harry Tripp W. Shenton III, A.M.ASCE
Steven J. Smith, P.E., M.ASCE
Andrew W. Smyth, Ph.D., FEMI, M.ASCE
Hoon Sohn, Ph.D., M.ASCE

Tsu T. Soong, Ph.D., P.E., FEMI, F.ASCE
Pol D. Spanos, Ph.D., P.E., FEMI, F.ASCE
B. F. Spencer, Ph.D., P.E., FASCE
Michael D. Symans, Ph.D., A.M.ASCE
Ertugul Taciroghura, Ph.D., M.ASCE
Izuru Takekawa, Ph.D., M.ASCE
John L. Tassoulas, Ph.D., P.E., M.ASCE
Maria I. Todorovska, Ph.D., M.ASCE
Panagiotsi Tsopelias, A.M.ASCE
Carlos E. Ventura, Ph.D., P.E., M.ASCE
Timothy M. Whalen, Ph.D.

Ekirgul Taciorglu, Ph.D., M.ASCE
Kevin K. Wong, Ph.D., M.ASCE
Jann Nan Yang, Ph.D., P.E., FASCE
Aspasia Zerva, Ph.D., A.M.ASCE
Jian Zhang, Ph.D., A.M.ASCE
Qiang Zhu, Ph.D.

Experimental Analysis & Instrumentation Committee

Chair
Yunping Xi, Ph.D., M.ASCE

Yunping Xi, Ph.D., Chair

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Experimental Analysis & Instrumentation Committee

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Yunping Xi, Ph.D., M.ASCE

Yunping Xi, Ph.D., Chair

Experimental Analysis & Instrumentation Committee

Chair
Yunping Xi, Ph.D., M.ASCE
Granular Materials Committee
Purpose: to promote and support the advancement of knowledge and understanding in the mechanics of granular or particulate materials, utilising analytical, numerical and experimental techniques.

Matthew R. Kuhn, Ph.D., P.E., M.ASCE, Chair
Mustafa I. Alsaleh, Ph.D., P.E.
Ching S. Chang, Ph.D., P.E.
Kam Tim Chau, Ph.D., M.ASCE
Alexander H D. Cheng, Ph.D., F.EMI, M.ASCE
Qingli Dai, Ph.D., A.M.ASCE
Ali Duouadij, Ph.D.
John F. Favier, Ph.D.
Marte S. Gutierrez, Ph.D., A.M.ASCE
Pierre-Yves Hicher, Ph.D.
Mark A. Hopkins, Ph.D.
Kathleen Issen, Ph.D.
Ning Lu, Ph.D., F.ASCE
Hattab Mahdia, Ph.D.
Ramekh B. Malla, Ph.D., M.ASCE
Juan Martinez
Takashi Matsushima
Tekteste Mehari
Philip T. Metzger

Mechanics of Pavements Committee
Purpose: subject wise, the committee will focus on the mechanical behavior of pavement structure and pavement materials. Two major tasks will be reviewing papers and organizing minisymposia in the subject area at the annual engineering mechanics conference.

Linbing Wang, Ph.D., P.E., M.ASCE, Chair
Murad Y. Abufrasah, Ph.D., P.E., M.ASCE
Bjorn Birgisson, Ph.D., P.E.
Andrew Collop
Herve Di Benedetto
Jacob E. Hiller, Ph.D., A.M.ASCE
Yong-Rak Kim, Ph.D., A.M.ASCE
Nicole Kringos
Xueyan Liu
Eyad A. Masad, Ph.D., P.E., F.ASCE
Ernian Pan, Ph.D., F.ASCE

Modeling Inelasticity & Multiscale Behavior Committee
Purpose: to foster studies of fundamental characteristics in plastic and other inelastic behavior of solids, and to encourage practical application of this research within civil engineering.

Huiming Yin, P.E., M.ASCE, Chair
Farid H. Abed, MASCE
Rashid K. Abu Al-Rub, Ph.D.
Jose E. Andrade, Ph.D., M.ASCE
Pedro Arduino, MASCE

Giuseppe Buscemi, Ph.D., Aff.M.ASCE
Gianluca Cusatis, Ph.D., M.ASCE
Masoud Darabi
Christian Hellmich, Ph.D., M.ASCE
Jiann-Wen W. Ju, Ph.D., P.E., F.ASCE
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Victor N. Kaliakin, Ph.D., M.ASCE
Dinesh R. Katti, Ph.D., M.ASCE
Anne S. Kiremidjian, Ph.D., F.EMI, M.ASCE
Yu-Fu Ko, Ph.D., P.E.
Ning Lu, Ph.D., F.ASCE
Taj H. Mamaghani, Ph.D., M.ASCE
Majid T. Manzari, Ph.D., M.ASCE
Eyad A. Masad, Ph.D., P.E., F.ASCE
Caglar Oskay, M.ASCE
Martin Otto-Starzewski, Ph.D.
Anthony N. Palazotto, Ph.D., P.E., F.ASCE
Vassilis Panoskaltsis, Ph.D.
Glaucio H. Paulino, Ph.D., A.M.ASCE

Nanomechanics and Micromechanics Committee

Purpose: To foster research in the field of nanomechanics and micromechanics in the EMI community through the submission and review of EMI journal papers and the organization of sessions and symposia for EMI meetings.

Lizhi Sun, Ph.D., Chair
Linbing Wang, Ph.D., Vice Chair
Annalingam Anandarajah, Ph.D., M.ASCE
Rahul Bhoomnik, Ph.D.
Markus J. Buehler, Ph.D., Aff. M.ASCE
Ferhun Caner, Ph.D., Aff. M.ASCE
James M. Chen, Ph.D.
Steven W. Cranford, EIT, M.ASCE
Christian Hellmich, Ph.D., M.ASC
Yonggang Huang, Ph.D.
Jean-Wei Woody Ju, Ph.D., P.E., F.ASCE
Dinesh R. Katti, Ph.D., M.ASC
Kalpana Katti, Ph.D., M.ASC
Shiho Kawashima, Ph.D.
Sinan Keten, D.Eng., Aff. M.ASCE

Poromechanics Committee

Purpose: To promote fundamental and applied research in the mechanics of porous materials using observational, analytical, and computational techniques.

Christian Hellmich, Ph.D., M.ASC, Chair
Youane Abousleiman, Ph.D., A.M.ASCE
Jose E. Andrade, Ph.D., M.ASC
Jean-Louis R. Auriault, Ph.D.
Mohsen Badiey, Ph.D.
Zdenek P. Bazant, Ph.D., S.E., F.EMI, Hon. M.ASCE
James G. Berryman, Ph.D.
Alexander H D. Cheng, Ph.D., F.EMI, M. ASCE
Emmanuel M. Detournay, Ph.D., A.M.ASCE
Jose Dominguez, P.E., F.ASCE
Dmitry I. Garagash, Ph.D.
Ahmad Ghassemi, Ph.D.
Albert Giraud, Ph.D.
Boris Gurevich, Ph.D.
Jacques Huyge, Ph.D.
Victor N. Kaliakin, Ph.D., M.ASC
Mazen Y. Kanji, Ph.D.
Dinesh R. Katti, Ph.D., M.ASC

Richard A. Regueiro, Ph.D.
Anthony D. Rosato
Shadi-Mohd Saadah, A.M.ASCE
Chung R. Song, P.E., M.ASC
Lizhi Sun, Ph.D., M.ASC
Ganesh Thiagarajan, A.M.ASC
Franck Vernerey, Ph.D.
George Z. Voyiadis, D.Eng., F.EMI, F.ASCE
Linbing Wang, Ph.D., P.E., M.ASC
Xingran Wang
Kaspár J. Willam, Ph.D., F.EMI, F.ASCE
Qiuhai Zuo, Ph.D., M.ASC
Hoe I P. Ling, Ph.D., M.ASC
Huabei Liu, Ph.D., M.ASC
Sergey L. Lopatnikov, Ph.D.
Emir J. Macari, Ph.D.
Majid T. Manzari, Ph.D., M.ASC
Kanthasamy K. Muraleetharan, Ph.D., P.E., F.ASCE
Victor Nikolaevsky, Ph.D.
Jin Y. Ooi, M.ASC
Martin Otto-Starzewski, Ph.D.
Ernian Pan, Ph.D., F.ASCE
R K Nimalisri D. Rajapakse, P.E.
Richard A. Regueiro, Ph.D.
John W. Rudnicki, Ph.D., F.EMI, M.ASC
Pratap N. Sahay, Ph.D.
Bernhard A. Schrefler, Ph.D., C.Eng, F.EMI, A.M.ASC
Serge A. Shapiro, Ph.D.
Stein Sture, Ph.D., F.EMI, Hon.D.GE, Dist. M.ASC
Probabilistic Methods Committee

Purpose: to promote and foster research in uncertainty analysis, model validation methods and risk-informed decision-making, and to stimulate its understanding and use in science and engineering applications to benefit society.

Sanjay R. Arwade, Ph.D., Chair
Ivan Siu-Kui Au, Ph.D.
Jack W. Baker, Ph.D., M.ASCE
Michele Barbato, Ph.D., P.E., C.Eng., A.M.ASCE
Baidurya Bhattacharya, Ph.D., M.ASCE
Paolo Bocchini, Ph.D., C.Eng., M.ASCE
Lori L. Brady, Ph.D., F.EMI, M.ASCE
Luca Caracoglia, Ph.D., A.M.ASCE
Ross B. Corotis, Ph.D., P.E., S.E., Dist.M.ASCE
Sonjoy Das, Ph.D.
Georgios Deodatis, Ph.D., M.ASCE
Armen Der Kiureghian, Ph.D., P.E., F.EMI, M.ASCE
Charles E. Devore, A.M.ASCE
Alireza Doostan, Ph.D.
Bruce R. Ellingwood, Ph.D., P.E., F.EMI, Dist.M.ASCE
Richard V. Field Jr., Ph.D., A.M.ASCE
Dan M. Frangopol, Ph.D., P.E., F.EMI, Dist.M.ASCE
Paolo Gardoni, Ph.D.
Gaurav Gaurav, Ph.D., A.M.ASCE
Sanjoy R. Arwade, Ph.D., Chair
Ivan Siu-Kui Au, Ph.D.
Jack W. Baker, Ph.D., M.ASCE
Michele Barbato, Ph.D., P.E., C.Eng., A.M.ASCE
Baidurya Bhattacharya, Ph.D., M.ASCE
Paolo Bocchini, Ph.D., C.Eng., M.ASCE
Lori L. Brady, Ph.D., F.EMI, M.ASCE
Luca Caracoglia, Ph.D., A.M.ASCE
Ross B. Corotis, Ph.D., P.E., S.E., Dist.M.ASCE
Sonjoy Das, Ph.D.
Georgios Deodatis, Ph.D., M.ASCE
Armen Der Kiureghian, Ph.D., P.E., F.EMI, M.ASCE
Charles E. Devore, A.M.ASCE
Alireza Doostan, Ph.D.
Bruce R. Ellingwood, Ph.D., P.E., F.EMI, Dist.M.ASCE
Richard V. Field Jr., Ph.D., A.M.ASCE
Dan M. Frangopol, Ph.D., P.E., F.EMI, Dist.M.ASCE
Paolo Gardoni, Ph.D.
Gaurav Gaurav, Ph.D., A.M.ASCE

Properties of Materials Committee

Purpose: to investigate and to correlate studies of the fundamental properties of engineering materials and to disseminate this information to the profession.

Bernhard Fichler, Ph.D., Aff.M.ASCE, Chair
Kalpana Katti, Ph.D., M.ASCE, Vice-Chair
Annalingam Anandarajah, Ph.D., M.ASCE
Zdenek P. Bazant, Ph.D., S.E., F.EMI, Hon.M.ASCE
Christopher P. Bobko, Ph.D.
Luc Dormieux
Frederic Dufour
Eduardo M. Fairbairn
Walter H. Gerstle, Ph.D., P.E., M.ASCE
Ravindra Gettu
Masoud Ghandehari, Ph.D.
Christian Hellmich, Ph.D., M.ASCE
Pierre-Yves Hicher, Ph.D.
Dinesh R. Katti, Ph.D., M.ASCE
Joseph F. Labuz, Ph.D., P.E., F.EMI, FASCE
Eric N. Landis, Ph.D., P.E., M.ASCE
Christopher K. Leung, Ph.D., F.ASCE

Ning Lu, Ph.D., F.EMI, M.ASCE
Anil Misra, Ph.D., P.E., M.ASCE
Tang-Tat P. Ng, Ph.D., F.EMI, FASCE
Vassilis Panoskaltsis, Ph.D.
Katerina D. Papouilia, Ph.D., P.E., M.ASCE
Gilles Pijaudier-Cabot, Ph.D.
Nima Rahbar, Ph.D., A.M.ASCE
Stefan Scheiner, Ph.D.
Kolluru V. Subramaniam, Ph.D.
Lizhi Sun, Ph.D., M.ASCE
Romildo D. Toledo Filho
Franz-Josef Ulm, Ph.D., P.E., F.EMI, M.ASCE
J Van Mier
George Z. Voyiadjiis, D.Eng., F.EMI, F.EMI, M.ASCE
Yunping Xi, Ph.D.
EMI COMMITTEES

Stability Committee

Purpose: to foster analytical and experimental studies in the fields of elastic and inelastic stability of structural elements and systems.

Yang Xiang, M.ASCE, Chair
Anislo Andrade
Zdenek P. Bazant, Ph.D., S.E., F.EMI, Hon.M.ASCE
Noel Challamel, Ph.D., Aff.M.ASCE
Fangliang Chen, Ph.D.
Fehmi Cirak, Aff.M.ASCE
Dinar R. Cannatim, Ph.D., M.ASCE
Fangliang Chen, Ph.D.
Yang Xiang, M.ASCE

Cristopher D. Moen, Ph.D., P.E., M.ASCE
Anthony N. Palazotto, Ph.D., P.E., F.ASCE
Raymond H. Plaut, Ph.D., M.ASCE
Pizhong Qiao, Ph.D., P.E., F.ASCE
Hayder A. Rasheed, P.E., F.ASCE
Benjamin W. Schafer, Ph.D., P.E., M.ASCE
Simon Schnabl, Ph.D.
Erol Senocak, Ph.D.
Khaled W. Shahwan, Ph.D.
Anthony Waas, Ph.D.
Ahmer Wadec, Ph.D.
Jifeng Xu, Ph.D., M.ASCE
Stylianos Yiatsos, A.M.ASCE
Massimiliano Zingales, Ph.D.

Structural Health Monitoring & Control Committee

Purpose: to cover the broad areas of engineering mechanics related to (1) Structural Health Monitoring (2) System identification (3) Damage detection (4) Fault isolation and detection (5) Sensor networks, new forms of actuation (6) Smart materials and structures, and (7) Passive, active, semi-active and hybrid structural control. The activities would engage the national and international researchers and practitioners in the broad fields of structural health monitoring and control. Furthermore, the committee will encourage and foster research that will, in the future, support the implementation of structural health monitoring and structural control in practice.

Juan Caicedo, Sc.D., A.M.ASCE, Chair
Anil K. Agrawal, Ph.D., P.E., F.SEI, M.ASCE
Seyed Ali Ashrafi, Ph.D., P.E.
Biswajit Basu, M.ASCE
James L. Beck, Ph.D., F.EMI, M.ASCE
Dennis P. Bernal, Ph.D.
Raimondo Bettì, Ph.D., M.ASCE
Chunsheng Cai, Ph.D., F.ASCE
Fikret N. Catbas, Ph.D., P.E., M.ASCE
Peter C. Chang, Ph.D.
Eleni Chatzi, D.Eng., C.Eng, A.M.ASCE
Genda Chen, Ph.D., P.E., F.S, F.ASCE
Suren Chen, Ph.D., P.E., M.ASCE
Richard E. Christenson, Ph.D., A.M.ASCE
Joel P. Conte, Ph.D., P.E., M.ASCE
Shirley J. Dyke, Ph.D.
Maria Q. Feng, Ph.D., F.ASCE
Tat Fu, Ph.D., A.M.ASCE
Henri P. Gavin, Ph.D., P.E., M.ASCE
R. Gulidakıen
Eric M. Hernandez, Ph.D., A.M.ASCE
Stefan Harlebarts, D.Eng., A.M.ASCE
Wilfred D. Iwan, Ph.D., F.EMI, Dist.M.ASCE
Mohammad Reza Jahanshahi, Ph.D., A.M.ASCE
Erik A. Johnson, Ph.D., M.ASCE
Erol Kalıkan, Ph.D., M.ASCE

Chan Ghee Koh, P.E., M.ASCE
Masahiro Kurata, Ph.D., A.M.ASCE
Simon Laflamme, Ph.D., A.M.ASCE
Hui Li, P.E., M.ASCE
Zhiheng Li, Ph.D.
Kenneth J. Loh, Ph.D., M.ASCE
Jerome P. Lynch, Ph.D., M.ASCE
Sami F. Masri, Ph.D., F.EMI, M.ASCE
Babak Moaveni, Ph.D., A.M.ASCE
Satish Nagarajaiah, Ph.D., F.S, M.ASCE
Stram Narasimhan, Ph.D., P.Eng, M.ASCE
Konstantinos Papadimitriou, Ph.D., A.M.ASCE
Jinsong Pei, Ph.D., M.ASCE
Ananth Ramaswamy, Ph.D., M.ASCE
Salvatore Salamone, M.ASCE
Jeff Scruggs, Ph.D., A.M.ASCE
Andrew W. Smyth, Ph.D., F.EMI, M.ASCE
Hoon Sohn, Ph.D., M.ASCE
Wei Song, A.M.ASCE
B. F. Spencer, Ph.D., P.E., F.ASCE
Raymond A. Swartz., A.M.ASCE
Michael D. Symans, Ph.D., A.M.ASCE
Yang Wang, A.M.ASCE
Hae-Bum Yun, Ph.D., A.M.ASCE
Xinqun Zhu, Ph.D., M.ASCE
THE ENVIRONMENTAL AND WATER RESOURCES INSTITUTE (EWRI) OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

Created in 1999, the Environmental & Water Resources Institute of ASCE had an initial membership comprised of the former ASCE Environmental Engineering, Water Resources Engineering, Water Resources Planning and Management Division enrollees, as well as the Water and Environmental Standards Council. These Divisions and Council have a long and successful record of performance within ASCE, and EWRI expands on the strong core of products and services originated by these members. EWRI services are designed to complement ASCE’s traditional civil engineering base and to attract new categories of members who seek to enhance their professional and technical development. Details regarding EWRI products and services as well as current EWRI committee information can be found at www.asce.org/ewri.

EWRI’s vision is to be the recognized worldwide leader within ASCE for the integration of technical expertise and public policy in the planning, design, construction, and operation of environmentally sound and sustainable infrastructure impacting air, land, and water resources. To accomplish this vision, EWRI is committed to:

- A diverse and empowered membership
- Excellence in products and services
- Collaborative partnerships
- Innovative programs and solutions

EWRI provides for the technical, educational, and professional needs of its members; promotes the sustainable use, conservation, and protection of natural resources; and promotes human well-being by:

- Advancing the knowledge and improving the understanding of relevant sciences
- Improving the practice of engineering
- Partnering with national and international organizations
- Providing public policy input to governmental decision-makers

EWRI offers benefits and services designed to support the career success of its members and their progress within the field. EWRI offers the following career and professional growth opportunities:

- A network of environmental and water resources professionals
- Participation in technical activities, products and services committees, and task committees
- Discounts on EWRI publications and conferences
- Currents and e-Update, the EWRI newsletters, to keep members informed of new publications, continuing education courses, and conferences
- Journal subscription discounts on:
  - Journal of Environmental Engineering
  - Journal of Hazardous, Toxic, and Radioactive Waste Management
  - Journal of Hydraulic Engineering
  - Journal of Hydrologic Engineering
  - Journal of Irrigation and Drainage Engineering
  - Journal of Water Resources Planning and Management

The FY 2014 Governing Board members are:

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Paul A. Bizier, P.E., F.ASCE, President-Elect
David D. Dee Jr., P.E., D.WRE, M.ASCE, Vice President
Peggy A. Johnson, Ph.D., F.EWRI, M.ASCE, Past President

Scott Struck, A.M.ASCE, Treasurer
Carol E. Haddock, P.E., M.ASCE, ASCE Presidential Appointee
Dennis L. Richards, P.E., D.WRE, F.ASCE, Institute Operations Area Representative
A. Charles Rowney, P.Eng., D.WRE, F.EWRI, M.ASCE, Technical Area Representative

Staff Contacts:
Brian K. Parsons, M.ASCE, Director
Ann Rountee, Manager

Gabrielle Dunkley, Board and Programs Specialist
Veronique Nguyen, Project Coordinator
Environmental and Water Resources Institute Bylaws
As of October 17, 2012

Article I. Name
The name of this Institute shall be The Environmental & Water Resources Institute (hereinafter referred to as the EWRI) of the American Society of Civil Engineers (hereinafter referred to as the Society).

Article II. Objective
The objective of the EWRI shall be to provide for the technical, educational and professional needs of its members, and to serve the public in the use, conservation, and protection of natural resources and in the enhancement of human well-being by:

- advancing the knowledge and improving the practice of engineering and the related sciences;
- lending expertise to the development of public policy, and;
- partnering with governmental, industrial, educational, and other organizations.

The EWRI shall strive to be the leader for integrating technical expertise and public policy into the planning, design, construction, operation, management, and regulation of environmentally sound and sustainable infrastructure involving air, land, and water resources.

The EWRI shall strive for a diverse, active and empowered membership, excellence in products and services, collaborative associations and innovative programs.

Article III. Organization
Inasmuch as the EWRI is an organizational entity within the Society, the EWRI shall be consistent with and subject to:

- the Society Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure and Code of Ethics;
- applicable federal, state, and local antitrust, trade regulation, and other laws, regulations and legal requirements;
- all requirements to maintain the status of the Society as a not-for-profit organization exempt from federal income tax under sections 501(a) and 501(c)(3) of the Internal Revenue Code of 1954, as amended, (hereinafter referred to as the Code) qualifying at all times as an organization to which tax deductible contributions may be made pursuant to applicable sections of the Code;
- all requirements imposed by the relevant jurisdiction for the maintenance by the Society of any license, permit, or authority it may hold to conduct activities and do business as a foreign not-for-profit corporation within that jurisdiction; and
- such other policies and procedures as are authorized under these documents.

Article IV. Membership
1. Membership Categories
The EWRI shall have the following membership categories: Individual Memberships, including the categories of Student Member, Member, and Fellow; and Organizational Memberships, including the categories of Association, Government, Education and Corporate.

1.1. Student Membership
The Student Member category shall be open to full-time students with an expressed interest in the environmental or water resources field of practice.

1.2. Member
The Member category shall be open to individual persons involved in policies, programs and projects related to the environment and water resources and who submit a properly completed application to the EWRI.

1.3. Fellow
There shall be no direct admission in this grade. Admission shall be only advancement from the grade of Member. To be eligible for advancement to the grade of Fellow, a Member must meet the criteria listed in the EWRI Operations Handbook.
1.4. Organizational Membership
The Organizational Member category shall be open to associations, government agencies, educational institutions, or corporations whose activities impact the environmental and water resources fields of practice. Candidates for Organizational Memberships include the following entities:

- Association Member: A professional, technical, or educational society or similar entity.
- Government Member: A federal, state, local or international government agency.
- Education Member: Post secondary institutions of research, resident instruction and continuing education.
- Corporate Member: For-profit organizations, including public utilities, whether incorporated or not.

2. Member Participation
Individual Members in good standing may be appointed to and participate in the EWRI council and committee structure; may be appointed to serve as a representative or special delegate of the EWRI; may vote on all the EWRI procedural issues or elections put forth for the general membership; and may serve on the EWRI Governing Board (hereinafter referred to as the GB). An Individual Member whose dues and other charges are not in arrears shall be considered in good standing.

Student Members in good standing may participate in the EWRI activities with the rights and privileges of an Individual Member, but may not hold office on committees and councils, or serve on the EWRI GB, and are not eligible for reimbursement of travel or other expenses. A Student Member who maintains full-time student status shall be considered in good standing.

Organizational Members in good standing may designate one (1) or more representatives of the organization to participate in the EWRI activities with the rights and privileges of an Individual Member. The maximum number of organizational representatives from any single organization shall be determined by the EWRI GB and set forth, along with other terms and conditions, in a Membership Agreement. An Organizational Member in compliance with the terms of a Membership Agreement executed between the EWRI and the Organizational Member shall be considered in good standing.

3. Expulsion
The EWRI GB may, by a two-thirds (2/3) majority of those present and voting at an EWRI GB meeting, expel any member for conduct in violation of the Society Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure or Code of Ethics; or the EWRI Bylaws; or for conduct which in the opinion of the EWRI GB is not in the best interest of the Society or the EWRI, including non-payment of dues and other charges. A decision to expel shall be preceded by a fair hearing at a meeting of the EWRI GB, such meeting to be held in Executive Session if so requested by the member.

Disciplinary proceedings and separation from membership in the EWRI shall follow the procedures outlined in the Society Bylaws. Decisions of the EWRI GB shall not be open to appeal except in cases involving recommendation by the EWRI GB to expel a Society member from the EWRI, in which case an appeal may be made to the Society Board of Direction, whose decision shall be final.

Instances involving Society members accused of violating the Society Code of Ethics shall be referred by the EWRI President to the Society Committee on Professional Conduct.

4. Non-Member Privileges
Non-members of the EWRI may serve on and have voting rights and other privileges on Standards Committees consistent with the Society Rules for Standards Committees.

Article V. Dues
The EWRI GB shall establish member dues. Dues shall be payable annually in advance of the first day of January. A person or organization joining the EWRI after the last day of June in any calendar year shall pay only one-half of the annual dues for that calendar year.

Article VI. Governing Board
1. Duties
The EWRI Governing Board (GB) shall provide oversight and direction to the affairs, activities and concerns of the EWRI. The EWRI GB shall establish and modify policies and procedures; create and dissolve organizational elements, councils and committees; appoint and discharge representatives and special delegates; and take other actions consistent with these Bylaws for the purpose of accomplishing the objectives of the EWRI.

2. Composition
The EWRI GB shall have eight (8) voting members, to be either appointed or elected as follows:
EWRI BYLAWS

• Four (4) at-large EWRI GB members elected by the EWRI membership by procedures set forth elsewhere in these Bylaws.
• One (1) EWRI GB member, appointed by the Society Board of Direction;
• One (1) EWRI GB member recommended by vote of the EWRI Technical Coordination Executive Committee and approved by a simple majority vote of the EWRI GB, who shall also serve as chair of the Technical Coordination Executive Committee;
• One (1) EWRI GB member recommended by the EWRI majority vote of the EWRI Institute Operations Executive Committee and approved by a simple majority vote of the EWRI GB, who shall also serve as chair of the Institute Operations Executive Committee; and
• One (1) EWRI Treasurer recommended annually by the EWRI President-Elect and approved by a simple majority vote of the EWRI GB.

3. Qualifications
Any EWRI Member in good standing shall be eligible for election or appointment to the EWRI GB, except that, EWRI membership notwithstanding, employees of the Society shall not be eligible to serve as a voting member of the EWRI GB.

4. Terms of Office
The at-large EWRI GB members shall serve four (4) consecutive one (1) year terms, progressing from EWRI Vice President to EWRI President-elect to EWRI President and to EWRI Past-President.

The term of office of the EWRI Technical Coordination Executive Committee and Institute Operations Executive Committee GB members shall be three (3) years. The EWRI Technical Coordination Executive Committee and Institute Operations Executive Committee GB members may be reappointed not to exceed six (6) years in total.

The term of office of the Society appointee is as defined by the Society.

The term of office of the EWRI Treasurer shall be one (1) year. The EWRI Treasurer may be reappointed without limitation on the number of terms.

An Individual Member’s terms of office on the EWRI GB may not exceed eight (8) years in total, except that service as the EWRI Treasurer will not count against the total.

The EWRI GB terms of office shall coincide with the fiscal year of the EWRI, except in cases where the EWRI GB member is appointed to complete an unexpired term.

5. Vacancies
Whenever a vacancy occurs in an elected position on the EWRI GB by death, resignation, or for any reason other than the normal completion of an EWRI GB member’s term of office, the vacancy shall be filled without undue delay by an eligible member acceptable by a simple vote of the majority of the remaining EWRI GB members.

Whenever vacancy occurs in the appointed position on the EWRI GB, it shall be filled for the remainder of the term without undue delay by an appointment of the Society Board of Direction.

6. Compensation
Individual Members of the EWRI GB shall not receive any form of other compensation for their services as EWRI GB members, but they shall be entitled to reimbursement of reasonable expenses, if any, incurred by them as EWRI GB members, under policies and procedures established by the EWRI GB.

7. Removal
Any EWRI GB member may be removed for cause from office by a two-thirds (2/3) majority vote of the EWRI GB. Any EWRI GB member who ceases to be a EWRI member in good standing shall be deemed to have been removed from the EWRI GB and the vacancy shall be filled promptly in accord with applicable provisions of these Bylaws.

Article VII. Nominations and Elections

1. Nominations and Elections Committee
Nominations and elections shall be guided by a Nominations and Elections Committee consisting of three EWRI Past-Presidents. The current EWRI Past-President shall serve as chair. The next two most recent available EWRI Past-Presidents shall constitute the remaining members of the Nominations and Elections Committee. If a Nominations and Elections Committee consisting of three EWRI Past-Presidents cannot be formed, the EWRI President shall appoint as many additional members as necessary. All committee members shall be EWRI Individual members in good standing. No member of the Nominations and Elections Committee may be nominated.
2. **EWRI Vice President**

The Nominations and Elections Committee shall, when called upon to do so, select by majority vote at least one nominee for the office of EWRI Vice President.

The Nominations and Elections Committee shall solicit and receive nominations from the general membership of the EWRI and from the EWRI organizational elements for the position of EWRI Vice President. Such nominations shall be received in the form of a nominating letter to the Nominations and Elections Committee. Members of the Nominations and Elections Committee may also propose nominees for consideration by the Nominations and Elections Committee.

Biographical, occupational and geographical information for the nominee or nominees and a signed letter indicating acceptance of the nomination by the nominee or nominees shall be submitted by the Nominations and Elections Committee to the EWRI GB not later than the first day of March of the year in which the election is to be held.

Nominee(s) selected by the Nominations and Elections Committee shall be known as the Official Nominee(s). The EWRI Director shall immediately notify all EWRI members of the Official Nominee(s) for the office of EWRI Vice President by notice in an EWRI newsletter or such other appropriate means.

Not later than the first day of June of the year in which the election is to be held, nominations by petition for the office of EWRI Vice President may be filed with the EWRI Director for the subsequent election and term of office. Petitions for such nominations shall contain the signatures of at least 200 individual voting members of the EWRI.

Petition Nominee(s) shall be so designated on the ballot. Petition Nominee(s) shall be fully informed by the EWRI Director of the qualifications, duties and requirements of the office for which they are nominated. Petition Nominee(s) shall consent to their nominations in writing and shall provide biographical, occupational and geographical information to the EWRI Director, as part of the petition.

The EWRI election process will be in accord with the Society Bylaws with the EWRI President and EWRI GB taking responsibility for the election process instead of the Society. By announcement in an EWRI newsletter and in official Society publications, the EWRI Director shall announce the election results to the EWRI membership prior to the start of the next EWRI fiscal year.

3. **ASCE Technical Region Director**

The Nominations and Elections Committee shall, when called upon to do so, select by majority vote of those present and voting at least one (1) candidate for the ASCE Technical Region Director from the eligible EWRI candidates in accord with the Society Rules of Policy and Procedure.

**Article VIII. Officers and EWRI Executive Director**

The EWRI officers shall be the EWRI President, EWRI President-elect, EWRI Vice President, EWRI Past-president, Treasurer, and Secretary.

**President:** The EWRI President shall make available to the membership an Annual Report for the preceding fiscal year within ninety (90) days of the conclusion of the subject fiscal year.

The EWRI President, acting on behalf of the EWRI GB, shall appoint representatives and special delegates and chairpersons and members for those organizational elements deemed necessary for the effective functioning of the EWRI, subject to concurrence of the EWRI GB.

The EWRI President or the appointed designee shall attend regular and special meetings of the Society Board of Direction, and report at such meetings on the EWRI affairs, if requested to by the Society Board of Direction.

**President-Elect:** In the temporary absence or disability of the EWRI President, the EWRI President-elect shall discharge the duties of the EWRI President. In addition to other duties as may be assigned from time to time by the EWRI President, the President-Elect shall prepare the agenda for and preside at an annual EWRI Strategic Planning meeting.

**Vice President:** In addition to other duties as may be assigned from time to time by the EWRI President, the EWRI Vice President shall prepare the agenda for and preside at an annual EWRI Council Weekend.

**Past-President:** In addition to any duties and responsibilities specifically set forth elsewhere in these Bylaws, the EWRI Past-President shall perform such other duties as may be assigned from time to time by the EWRI President.

**Treasurer:** In addition to any duties and responsibilities specifically set forth elsewhere in these Bylaws, the EWRI Treasurer shall prepare and provide a fiscal status report at all meetings of the
EWRI GB, including appropriate recommendations for any interim budget adjustments that may be necessary to maintain the fiscal integrity of the EWRI.

**Director:** The EWRI Director shall be an employee of the Society, appointed to the position of Director by the Society’s Executive Director following consultation with the EWRI GB. The EWRI director shall be responsible for managing the day-to-day affairs of the EWRI, directing such staff as may be assigned to support the activities of the EWRI and shall perform other related duties as set forth elsewhere in these Bylaws as may from time to time be assigned.

**Secretary:** The EWRI Director shall perform the duties of the EWRI Secretary. In the capacity of EWRI Secretary, the EWRI Director shall be responsible for the official correspondence of the EWRI GB and for the preparation of the minutes of all EWRI GB meetings, and attend all meetings of the EWRI GB, unless excused there from by the EWRI GB; shall have custody of the minutes; and shall approve and admit members of the EWRI consistent with the EWRI and Society policies.

**Article IX. Meetings**

1. **Regular Meetings**
   The EWRI GB shall meet at least annually to conduct any business that might properly come before it. The EWRI President shall fix the time and location of the Annual Meeting. Unless designated otherwise by the EWRI President, the first meeting of the fiscal year shall be considered the Annual Meeting. All EWRI GB members shall be given at least thirty (30) days notice of the Annual Meeting.

   At all meetings of the EWRI GB, a simple majority of the EWRI GB shall be sufficient to constitute a quorum for the transaction of business, and the act of a simple majority of the EWRI GB members present at any meeting at which there is a quorum shall be the act of the EWRI GB except as may be otherwise specifically provided by these Bylaws or other applicable instrument or law. If at any meeting there is less than a quorum present, the presiding officer shall adjourn the meeting to another time and place. Proxy voting shall not be permitted.

   Any action required to be taken at a meeting of the EWRI GB, or any action that may be taken at a meeting of the EWRI GB, may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all EWRI GB members and be filed with the minutes of the EWRI GB meetings.

   Members of the EWRI GB may participate in any meeting of the EWRI GB by telephone conference, or similar communications equipment, provided that all EWRI GB members and any other participants in the meeting can communicate with each other and such participation in a meeting shall constitute attendance at the meeting for purposes of establishing a quorum.

   Any EWRI GB member who does not attend two consecutive meetings of the EWRI GB may by a two-thirds (2/3) majority of those present and voting be removed from the EWRI GB as of the conclusion of such second meeting.

   The EWRI Director or designee shall be present at all meetings of the EWRI GB, except for Executive Sessions of the EWRI GB, for which the EWRI Director may or may not be present, as the EWRI GB may direct.

2. **Special Meetings**
   A Special Meeting of the EWRI GB may be called at any time by the EWRI President. A Special Meeting shall be called by either the EWRI President or EWRI Director, acting as Secretary, upon the written request of three (3) EWRI GB members or upon written request of not less than three hundred (300) members. Any such request shall state the purpose of the meeting.

   At Special Meetings, there shall be considered only such business as is specified in the meeting notice. The EWRI Director shall give at least fifteen (15) days advance notice of any such Special Meeting to members of the EWRI GB.

**Article X. Finance**

1. **Fiscal Year**
   The fiscal year of the EWRI shall be from the first day of October through the last day of September.

2. **Assets**
   All assets held by or for the EWRI are vested in the Society and shall be handled according to its fiscal policies.
3. **Revenues**
The EWRI may generate revenue by member’s dues and donations, by charging fees for member and non-member participation in or attendance at the EWRI functions, from the sale of the EWRI products and services, and by other such means, provided such means are consistent with Society policy, the maintenance of the Society’s tax-exempt status, and contractual obligations. Proposed fundraising efforts shall be pursued in accordance with Society policy. Any proposed grants and contracts shall be approved by the Society’s Executive Director in accordance with Society policy.

4. **Fiscal Responsibility**
The EWRI GB shall oversee the funds and assets of the EWRI and shall advise the EWRI Director in their management. Notwithstanding, no EWRI GB member, EWRI officer, EWRI member, or representative or special delegate thereof shall have any authority to contract debts for, pledge the credit of, or in any way financially bind the Society.

5. **EWRI Budget**
The EWRI Director, acting on behalf of the EWRI Treasurer, shall prepare an annual budget consistent with the EWRI Business Plan; properly accounting for all anticipated costs, revenues and reserves and taking into consideration fees and other charges for products and services provided by the Society. The EWRI GB shall approve the annual budget in accordance with guidelines established by the Society.

6. **Records**
The EWRI Director shall keep the books and accounts of the EWRI and be prepared to present an accounting thereof to the EWRI GB, to the membership, officers or any duly authorized person or persons when directed to do so by the EWRI Treasurer.

7. **Reporting**
Within ninety (90) days after the close of the fiscal year, the EWRI Director shall provide a preliminary statement of the financial status of the EWRI, including, but not limited to, a balance sheet and fiscal statement of operations for the preceding year, which shall be submitted to the Society Board of Direction, to the EWRI Treasurer for presentation to the EWRI GB, and others as directed by the EWRI Treasurer. The audit will normally be performed in conjunction with the Society annual audit.

8. **Audit**
The EWRI Director, acting on behalf of the EWRI Treasurer, shall procure annually an external financial review of the books and records of the EWRI and provide the audit results to the EWRI GB and others as directed by the EWRI Treasurer. The audit will normally be performed in conjunction with the Society annual audit.

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**Article XI. Administration**

1. **Parliamentary Authority**
All membership meetings of the EWRI and of the EWRI GB shall be conducted according to *Robert’s Rules of Order, Newly Revised*, in all cases to which these rules are applicable and not inconsistent with the Society Constitution, Bylaws, and Rules of Policy and Procedure or EWRI Bylaws. The EWRI Director shall serve as Parliamentarian at EWRI GB meetings and shall see that all EWRI committee chairpersons are properly informed as to the application of *Robert’s Rules of Order*.

2. **Dissemination of Information**
The EWRI Director and EWRI GB shall regularly disseminate information of importance to its members. Information dissemination shall be done electronically except when doing so would be inconsistent with applicable laws, regulations, legal requirements or policies of the Society or the best interests of the EWRI.

3. **Tangible and Intangible Property**
Chairpersons of organizational elements, councils and committees, representatives and special delegates shall return tangible property and records, and all records relating to any intangible property and work products, to the EWRI when discharged or when requested by the EWRI GB.

4. **Relationship to the Society**
The EWRI is a discipline-oriented, semi-autonomous organization that operates with its own Bylaws under the direction of its own Governing Board, but remains a part of the Society’s corporate structure. No action shall be taken by the EWRI that may be deemed to express an attitude or action of the Society, but resolutions or recommendations may be addressed to the Society Board of Direction for consideration or approval and promulgation.
The EWRI may issue its own statements of policy but shall identify them as such. Any amplification, interpretation, or application of Society policies other than by the Society Board of Direction must be clearly identified as the views of the EWRI and not of the Society.

All Property and Records of the EWRI shall belong to the Society.

5. Relationships with Other Organizations
The EWRI GB may form relationships with other groups and may serve as the United States of America member society to various international organizations in accord with the Society Rules of Policy and Procedure.

6. Indemnification
The EWRI Director, the EWRI officers, the EWRI members and the EWRI staff and agents, in their respective capacities as such, each shall have the same rights of indemnification from the Society as do Society directors, officers, members, employees, and agents.

Article XII. Dissolution
At any duly constituted meeting, the EWRI GB, by a two-thirds (2/3) majority of those present and voting, may recommend dissolution of the EWRI by the Society Board of Direction, provided that a written notice of this proposed action shall have been given at a previous meeting of the EWRI GB, and provided further that the proposed dissolution shall have been published, together with an announcement soliciting membership comments, in an EWRI, Society, or third party publication that normally reaches the entire membership of the EWRI, or shall have been sent to the membership by other means.

Article XIII. Amendments to Bylaws
The EWRI Bylaws may be amended at a duly constituted meeting of the EWRI GB by a two-thirds (2/3) majority of those present and voting, provided that a written notice of such proposed amendment shall have been given at a previous meeting of the EWRI GB.

These Bylaws may also be amended upon receipt of the written consent of the majority of the members of the EWRI in good standing.

No amendment to these Bylaws shall be effective until approved by the Society Board of Direction.
EWRI COMMITTEES

EWRI Governing Board

Purpose: To provide for the technical, educational, and professional needs of EWRI members; promote the sustainable use, conservation, and protection of natural resources; and promote human well-being by: advancing the knowledge and improving the practice of engineering and the related sciences, partnering with governmental, industrial, educational, and international organizations, and providing public policy input to governmental decision-makers.

Karen C. Kabbes, P.E., D.WRE, ENV SP, M.ASCE, President
Paul A. Bizier, P.E., F.ASCE, President-elect
David D. Dee Jr., P.E., D.WRE, M.ASCE, Vice President
Peggy A. Johnson, Ph.D., F.EWRI, M.ASCE, Past President

Karen C. Kabbes, P.E., D.WRE, ENV SP, M.ASCE
David D. Dee Jr., P.E., D.WRE, M.ASCE
Peggy A. Johnson, Ph.D., F.EWRI, M.ASCE

Finance Committee

Purpose: To examine and consider matters relative to the financial control and auditing of the Institute.

Scott Struck, A.M.ASCE, Chair
Paul A. Bizier, P.E., F.ASCE
Karen C. Kabbes, P.E., D.WRE, ENV SP, M.ASCE

Nominations & Elections Committee

Purpose: The Nominations and Elections Committee shall select, by majority vote, at least one (1) nominee for the office of EWRI Vice President; and shall select, by majority vote, at least one (1) candidate for the ASCE Technical Region Director from the eligible EWRI candidates in accord with the Society Rules of Policy and Procedure.

Peggy A. Johnson, Ph.D., F.EWRI, M.ASCE, Chair
Rollin H. Hotchkiss, Ph.D., P.E., D.WRE, F.ASCE

Past Presidents Committee

Steven R. Abt, Ph.D., P.E., D.WRE, F.ASCE
Jeffrey B. Bradley, Ph.D., P.E., D.WRE, F.ASCE
Jeanette A. Brown, D.Eng., P.E., D.WRE, F.ASCE
Rollin H. Hotchkiss, Ph.D., P.E., D.WRE, F.ASCE
Dale Jacobson, P.E., D.WRE, F.ASCE
Peggy A. Johnson, Ph.D., F.EWRI, M.ASCE

Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE
Cecil Lue-Hing, Sc.D., P.E., Hon.M.ASCE
Michael A. Ports, P.E., D.WRE, D.NE, F.EWRI, F.ASCE
Thomas M. Rachford, Ph.D., P.E., F.ASCE
Kyle E. Schilling, P.E., D.WRE, Dist.M.ASCE
Udai P. Singh, D.Eng., PMP, M.ASCE
Daniel L. Thomas, Ph.D., P.E., D.WRE, F.ASCE

Governering Documents Committee

Purpose: To provide oversight and timely updates to the EWRI governing documents.

David D. Dee Jr., P.E., D.WRE, M.ASCE, Chair
Paul A. Bizier, P.E., F.ASCE

Clifford A. Pugh, P.E., M.ASCE
Victor Larnar Cook, A.M.ASCE
Institute Operations Executive Committee

Purpose: To coordinate all member services activities of the Institute and to foster new activities of interest for the EWRI membership.

Dennis L. Richards, P.E., D.WRE, F.ASCE, Chair
Steve K. Starrett, Ph.D., P.E., D.WRE, F.EWRI, F.ASCE, Vice-Chair
Sheila Carpenter-van Dijk, F.EWRI, M.ASCE, Secretary
Balu P. Bhayani, P.E., F.ASCE

Program Committee

Purpose: This new committee expands and replaces the previous Congress Committee. It’s purpose is to develop leadership teams (inclusive of EWRI staff) to provide oversight for and review proposals for: annual Congresses, specialty conferences, international conferences, and conferences from other organizations requesting EWRI financial or non-financial sponsorship. Conferences recommended for approval by the Program Committee will be forwarded to the Governing Board for final approval and expense authorization.

Bijay K. Panigrahi, Ph.D., P.E., P.G., D.WRE, M.ASCE, Chair
Sheila Carpenter-van Dijk, F.EWRI, M.ASCE
Wayne C. Huber, Ph.D., P.E., D.WRE, M.ASCE
Mohammed Karamouz, Ph.D., P.E., D.WRE, F.ASCE
Eric D. Loucks, P.E., D.WRE, M.ASCE
Daniel J. Murray Jr., P.E., M.ASCE
Kemal Niksic, P.E., M.ASCE

2014 EWRI Congress Organizing Committee

Ray Walton, Ph.D., P.E., D.WRE, F.ASCE, Chair
Wayne Huber, Ph.D., P.E., M.ASCE
Eric Strecker, P.E., M.ASCE
James Lenhart, P.E., D.WRE, M.ASCE
Debra Leigh
Jeff Bradley, Ph.D., P.E., D.WRE, F.ASCE
Chris Goodell, P.E., D.WRE, M.ASCE
Scott Wells, Ph.D., P.E., M.ASCE

Education & Research Council

Purpose: To promote educational and research activities in the environmental and water resources areas, and to identify areas of potential research and facilitate the advancement of environmental and water resources education.

Andrew C. Elmore, P.E., M.ASCE, Chair
Cassie C. Klumpp, P.E., M.ASCE, Vice-Chair
Cheryl L. Signs, P.E., F.ASCE, Secretary
Claudia Hoeft, P.E., M.ASCE
Gretchen R. Miller, P.E., M.ASCE
Jerry R. Rogers, Ph.D., P.E., D.WRE, Dist.M.ASCE
Jeannie M. VanBriesen, Ph.D., P.E., M.ASCE
John J. Warwick, Ph.D., P.E., D.WRE
Kristen White

Education of Future Environmental and Water Resources Professionals Committee

Purpose: To examine problems related to the understanding of water issues among the pre-college and college-age populations, encourage dissemination of correct information on public issues related to environment and water resources, encourage student awareness, encourage them to pursue careers in these fields, and encourage local ASCE sections to support related activities.

Cassie C. Klumpp, P.E., M.ASCE, Chair
Andrew C. Elmore, P.E., M.ASCE
International Council

Purpose: To undertake and facilitate a variety of technical and liaison activities in support of international collaboration and international promotion of the role of the Institute; to encourage high quality products and services that are international in scope and are of value to the Institute and the Society in general.

David W. Watkins Jr., Ph.D., P.E., M.ASCE, Chair
Daene C. McKinney, P.E., D.WRE, M.ASCE, Vice-Chair
Paul J. Block, P.E., M.ASCE, Secretary
Mark A. Anderson, P.E., D.WRE, M.ASCE
Curtis B. Barrett, M.ASCE
Bruce Bernadler
Elisabeth C. Bourget, P.E., M.ASCE
Jonathan W. Bulkley, P.E., F.ASCE
Ximing Cai, Ph.D., P.E.
Hal Cardwell, A.M.ASCE
Nianchui Chang
Srinivasarao Chitikela, M.ASCE
Harold J. Day, Ph.D., P.E., M.ASCE
Jose N. De Pierola, P.E.
Don Delgadillo
David J. Eaton, Ph.D., A.M.ASCE
Shiou-Shan Fan, Ph.D., M.ASCE
Raziyeh Farmani
Jose R. Flores Berrones, Ph.D., P.E., F.ASCE
Vinio Floris, P.E., M.ASCE
William N. Fru, P.E., M.ASCE
Walter M. Grayman, Ph.D., P.E., D.WRE, F.EWRI, M.ASCE
Derek Green
Neil S. Grigg, Ph.D., P.E., D.WRE, F.ASCE
Jory Hecht
Edward Z. Hosseini-pour, Ph.D., P.E., M.ASCE
Morris S. Israel, P.E., A.M.ASCE
Christian B. Jackson, P.E., M.ASCE
Haifeng Jia, Ph.D., P.E., D.WRE
Latef Kalin
Mohammed Karamouz, Ph.D., P.E., D.WRE, F.ASCE
Mohammed Karamouz, Ph.D., P.E., D.WRE, F.ASCE
Karen J. Karvazy, P.E., M.ASCE
Mark W. Killgore, P.E., D.WRE, F.EWRI, M.ASCE
Julio Kuroiwa
Stacy Langsdale

Visiting International Fellowship Committee

Purpose: To develop and implement the Visiting International Fellowship Program for the EWRI. The program will provide fellowships for outstanding colleagues from developing countries to assist them
with participating in cultural and technical exchange with EWRI members at the annual EWRI conference and in supplementary activities during their visit to the US. Fellowships will be applied towards: (a) membership in EWRI and/or ASCE (b) conference registration fees; and (c) hotel fees to attend the conference. At the conclusion of this Task Committee, the program will be transferred to a permanent EWRI committee/council as an established program of EWRI.

Carmen E. Bernedo Sanchez, P.E., D.WRE, M.ASCE, Co-Chair
Derek D. Wride, P.E., M.ASCE, Co-Chair
Elizabeth C. Bourget, P.E., M.ASCE
Jonathan W. Bulkley, P.E., F.ASCE
Harold J. Day, Ph.D., P.E., M.ASCE
Curt Elmore
Shou-Shan Fan, Ph.D., M.ASCE
Vinio Floris, P.E., M.ASCE
Morris S. Israel, P.E., A.M.ASCE
Karen J. Karvazy, P.E., M.ASCE
Mark W. Killgore, P.E., D.WRE, F.EWRI, M.ASCE

World Water Council Activities Committee
Purpose: The Committee will provide organization, structure and substance for EWRI and ASCE input to the World Water Council and World Water Forums. This Committee will promote the International Council’s mission to undertake and facilitate a variety of technical and liaison activities in support of international collaboration and international promotion of the role of the Institute by providing inputs from EWRI members to the World Water Council and Forums.

Daene C. McKinney, P.E., D.WRE, M.ASCE, Chair
Dale Jacobson, P.E., D.WRE, F.ASCE, Vice-Chair
Kyle E. Schilling, P.E., D.WRE, Dist.M.ASCE, Vice-Chair
Mustafa M. Aral, Ph.D., P.E., F.ASCE
Elizabeth C. Bourget, P.E., M.ASCE
Philip H. Burgi, P.E., D.WRE, Hon.M.ASCE
Hal Cardwell, A.M.ASCE
Srinivasaarao Chitikela, M.ASCE

Transboundary Environmental Management after NAFTA Task Committee
Purpose: To write and publish a document that provides revised and contemporary information for engineers, scientists and policymakers interested in implications of the North American Free Trade Agreement (NAFTA) for water resources planning, management, and engineering. The publication would identify issues of concern, organizations which are active on those issues, indicate contact agencies and persons, and facilitate liaison activities with our sister professional societies in Canada and Mexico.

David J. Eaton, Ph.D., A.M.ASCE, Chair
Mark A. Anderson, P.E., D.WRE, M.ASCE, Secretary
Craig E. Brackbill, P.E., M.ASCE
Hal Cardwell, A.M.ASCE
Jose R. Flores Bezzonnes, Ph.D., P.E., F.ASCE
Isabel W. Heathcote
Stacy Langsdale

International Participation Committee
Purpose: To facilitate international participation in EWRI Conferences/Congresses; to facilitate the selection and operation of international conferences; to coordinate international aspects of the national and international conferences/congresses between EWRI technical committees, program committee, and local arrangement committee; and to promote international electronic conferencing participation that aids the EWRI mission.
Women's Water Nexus

Purpose: To develop a network of women scientists and engineers in developed and developing countries to promote research in water treatment and water resources with a focus on the education of future women scientists and engineers and the betterment of conditions for women in developing countries.

Aline Cotet, Chair
Vinka O. Craver, Aff.M.ASCE, Vice-Chair
Mira Olson, A.M.ASCE, Secretary
Muna A. Abu Dalo, Aff.M.ASCE
Kayla Berry
Paul J. Block, P.E., M.ASCE
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Heidi L. Gough
Carissa L. Mason, A.M.ASCE
Richard C. Peralta, Ph.D., P.E., F.ASCE
Laurel S. Saito, P.E., M.ASCE
Rebecca L. Teasley, A.M.ASCE
David W. Watkins Jr., Ph.D., P.E., M.ASCE

History and Heritage Committee

Purpose: To provide a focal point in EWRI for collecting, organizing and disseminating information related to the history and heritage of water resources and environmental engineering. A primary goal of the committee is to sponsor and organize one or more history-related sessions at each EWRI Congress and at ASCE National Conventions when possible. In addition the committee will plan to organize or co-sponsor a symposium or set of sessions dealing with a historical water resources or environmental theme with a separate proceedings at least once every five years. The committee also compiles and maintains information on Society and non-Society awards to EWRI members and collects and maintains information on Outstanding Civil Engineering Achievement (OCEA) projects and National and International Historic Civil Engineering Landmarks (NHCELs) related to EWRI’s areas of interest.

Jeffrey B. Bradley, Ph.D., P.E., D.WRE, F.ASCE, Chair
Jerry L. Anderson, Ph.D., P.E., D.WRE, F.EWRI, F.ASCE
Glenn O. Brown, P.E., D.WRE, F.EWRI, M.ASCE
William P. Bulloch Jr., P.E., D.WRE, M.ASCE
Robert A. Clark, Ph.D., M.ASCE
William E. Cox, Ph.D., M.ASCE
Augustine J. Fredrich, P.E., D.WRE, FASCE
John N. Furlong, P.E., D.WRE, M.ASCE
David R. Gilbert, P.E., FASCE
Neil S. Grigg, Ph.D., P.E., D.WRE, FASCE
Kathie S. Jeng-Bulloch, Ph.D., P.E., D.WRE, CFM, M.ASCE
Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE
Cecil Lue-Hing, Sc.D, P.E., Hon.M.ASCE
Melinda Luna, P.E., M.ASCE
Margaret S. Petersen, P.E., P.E., D.WRE, Dist.M.ASCE
Michael A. Ports, P.E., D.WRE, D.NE, F.EWRI, FASCE
Jerry R. Rogers, Ph.D., P.E., D.WRE, Dist.M.ASCE
Richard L. Wiltshire, P.E., FASCE

EWRI Awards Committee

Purpose: To recommend recipients for all ASCE awards and to recommend and maintain an environmental and water resources awards program for best papers published under the Institute's auspices, as well as to maintain the Codes and Standards awards of the ASCE.

Teresa B. Culver, A.M.ASCE, Chair
Jerry R. Stedinger, Ph.D., Dist.M.ASCE, Vice-Chair
Joseph W. Dellapenna, Aff.M.ASCE
Wayne C. Huber, Ph.D., P.E., D.WRE, M.ASCE
Eugene J. Leboeuf, Ph.D., P.E., FASCE
Thomas W. Ley, P.E., M.ASCE
Michael A. Ports, P.E., D.WRE, D.NE, F.EWRI, FASCE
Dennis L. Richards, P.E., D.WRE, FASCE
Robert E. Swain, P.E., D.WRE, M.ASCE
Daniel G. Wren, Ph.D., M.ASCE
**Lifetime Achievement Award Subcommittee**

Purpose: To make recommendations to the EWRI Awards Committee for the EWRI Lifetime Achievement Award to be given annually at the Institute’s Congress or a designated Specialty Conference. The awardees must have demonstrated a life long and eminent contribution to the disciplines of environmental or water resources engineering or an ancillary discipline through research, education, or public service. Care is taken for the awardees considering discipline, employment, etc.

Wayne C. Huber, Ph.D., P.E., D.WRE, M.ASCE, Chair
Jonathan W. Bulkley, P.E., F.ASCE
William E. Cox, Ph.D., M.ASCE
Jacques W. Delleur, P.E., M.ASCE
Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE

Daniel P. Loucks, Ph.D., P.E., Dist.M.ASCE
A Jacob Odgaard, Ph.D., P.E., F.ASCE
Jerry Rogers
Kyle E. Schilling, P.E., D.WRE, Dist.M.ASCE
Daniel L. Thomas, Ph.D., P.E., D.WRE, F.ASCE
William W. Yeh, Ph.D., Hon.M.ASCE

**Communications Council**

Purpose: To disseminate information of interest to the EWRI membership and to promote Institute activities externally.

John L. Weiland, P.E., M.ASCE, Chair
Catherine A. Soistman, P.E., M.ASCE, Secretary
Michael T. Buechter, P.E., M.ASCE
Chad D. Drummond, P.E., D.WRE, M.ASCE

David W. Renetzky, P.E., M.ASCE
William F. Ritter, Ph.D., P.E., F.EWRI, F.ASCE
Mary F. Thomas, P.E., M.ASCE
Brian J. Van Weele, P.E., D.WRE, M.ASCE

**Currents Newsletter Committee**

Purpose: To assist EWRI staff in the quarterly publication of the "Currents" newsletter. "Currents" is the quarterly newsletter of EWRI. Ideally, an issue of "Currents" will be delivered to the EWRI membership each February, April, July and November. The newsletter shall contain information of interest to the EWRI membership including: Information on committee and council activities, calls for members or task committees; information on publications, including book reviews and calls for authors; Congress, conference and seminar news for both recent and upcoming events; information on awards and news about the people of EWRI. Additionally, "Currents" shall include an article in each issue from the chairs of the Sections and Branches Activities, Membership Development and Retention, Communications and Student Activities Councils. The President of EWRI shall also prepare a quarterly column.

John L. Weiland, P.E., M.ASCE, Chair
Catherine A. Soistman, P.E., M.ASCE, Vice-Chair
Michael T. Buechter, P.E., M.ASCE
Chad D. Drummond, P.E., D.WRE, M.ASCE

David W. Renetzky, P.E., M.ASCE
William F. Ritter, Ph.D., P.E., F.EWRI, F.ASCE
Mary F. Thomas, P.E., M.ASCE
Brian J. Van Weele, P.E., D.WRE, M.ASCE

**Student and New Professional Council**

Purpose: To serve as the focal point for student and new professional activities within EWRI. The Council develops, recommends and assists in conducting programs, competitions and resources for students and younger members through local, national and international venues.

Jamal S. Nagamia, P.E., M.ASCE, Chair
Purush K. TerKonda, Ph.D., M.ASCE, Vice-Chair
Sudarshan T. Kurwadkar, P.E., M.ASCE, Secretary
Monica Palomo, D.Eng., P.E., M.ASCE, Treasurer
Mohammad Z. Al-Hamdan
Balu P. Bhayani, P.E., F.ASCE
Natalie V. Celino, S.M.ASCE
Susen Kumar Gali

Abhinav Gupta, S.M.ASCE
Jason L. Haraway
Guy M. Hopes, P.E., M.ASCE
Lutfihansa R. Kanta, Ph.D., A.M.ASCE
Sudarshan T. Kurwadkar, P.E., M.ASCE
Kathleen M. Leonard, Ph.D., P.E., F.ASCE
Prakash Luetel, A.M.ASCE
Stephanie Luster-Teasley
Joe D. Manous Jr., Ph.D., P.E., D.WRE, F.EWRI, F.ASCE
Justin P. Marks, A.M.ASCE
Agnes Marszalik, A.M.ASCE
Student and New Professional Conference Competition Committee

Purpose: To plan, publicize, organize, conduct and evaluate essay paper, capstone design and photo competitions for student and younger professional members throughout the year and every year.

Sudarshan T. Karwadkar, P.E., M.ASCE, Chair
Ashraf Z. Al-Hamdan, Ph.D., P.E., P.G., D.WRE, Treasurer
Mohammad Z. Al-Hamdan
Balu P. Bhayani, P.E., FASCE

Student and New Professional Conference Activities Committee

Purpose: To plan and implement all activities, both technical and social, at EWRI Congresses and associated conferences, for students and younger members throughout the year. This includes career opportunity seminars, technical presentations, poster sessions and receptions.

Purush K. TerKonda, Ph.D., M.ASCE, Chair
Lufthansa R. Kanta, Ph.D., A.M.ASCE, Vice-Chair
Ashley Quaid, Secretary
Prakash Luetel, A.M.ASCE, Treasurer
Natalie V. Celmo, S.M.ASCE

Section and Branch Activities Council

Purpose: To foster and promote local activities in the environmental and water resources areas through the ASCE network.

Michael T. Buechter, P.E., M.ASCE, Chair
Elangovan Karuppasamy, P.E., M.ASCE, Vice-Chair
Rolando L. Raymundo, P.E., M.ASCE, Secretary
Elle G. Araj, P.E., D.WRE, M.ASCE
Mathew C. Bamm, P.E., M.ASCE
Thomas M. Batroney, P.E., M.ASCE
Mark K. Boyd, P.E., D.WRE, M.ASCE
Edra L. Brashear, P.E., M.ASCE
Sheila Carpenter-van Dijk, F.EWRI, M.ASCE

Technical Coordination Executive Committee

Purpose: To promote member volunteer activities within the technical/professional area of EWRI through task committees established to develop technical products. To insure good communications between the EWRI Governing Board (GB), the seven technical councils, and the product development and member services areas.

Alexander C. Rowney, P.E., D.WRE, F.EWRI, Chair
Kyle E. Schilling, P.E., D.WRE, Dist.M.ASCE, Vice-Chair
Victor L. Cook, A.M.ASCE, Secretary
Shirley E. Clark, P.E., D.WRE, M.ASCE
Wendy L. Cohen, P.E., M.ASCE
Teresa B. Culver, A.M.ASCE
Michael D. Dukes

Karen C. Kabbes, P.E., D.WRE, ENV SP, M.ASCE
Karen J. Karvazy, P.E., M.ASCE
Eric D. Loucks, P.E., D.WRE, M.ASCE
Clifford A. Pugh, P.E., M.ASCE
Robert E. Swain, P.E., D.WRE, M.ASCE
Walter M. Grayman, Ph.D., P.E., D.WRE, F.EWRI, M.ASCE, Observer
EWRI COMMITTEES

Journal of Environmental Engineering
Raymond A. Ferrara, Ph.D., M.ASCE, Journal Editor

Journal of Hydraulic Engineering
Terry W. Sturm, Ph.D., P.E., M.ASCE, Journal Editor

Journal of Hydrologic Engineering
Vijay P. Singh, D.Sc, P.E., F.ASCE, Journal Editor

Journal of Irrigation and Drainage Engineering
William F. Ritter, Ph.D., P.E., F.EWRI, F.ASCE, Journal Editor
Louis H. Motz, P.E., D.WRE, M.ASCE
Ramachandra A. Rao, Ph.D., M.ASCE
Eduardo Bautista, A.M.ASCE
Chittaranjan Ray, P.E., D.WRE, F.ASCE
Byron Clark, P.E., M.ASCE
Stuart W. Styles, P.E., D.WRE, M.ASCE
Michael D. Dukes
Robert G. Traver, P.E., D.WRE, F.EWRI, M.ASCE
Johannes C. Guitjens, Ph.D., P.E., M.ASCE
Luciano Mateos, Ph.D., Aff.M.ASCE

Journal of Water Resources Planning and Management
Avi Ostfeld, D.WRE, F.EWRI, F.ASCE, Journal Editor

Journal of Hazardous, Toxic, and Radioactive Waste Management

Interdisciplinary Council
Elizabeth E. Coyle, P.E., M.ASCE, Chair
Richard L. Johnson, A.M.ASCE, Vice-Chair
Cristiane Q. Surbeck, P.E., M.ASCE, Secretary
Walter M. Grayman, Ph.D., P.E., D.WRE, F.EWRI, M.ASCE
Helene A. Hilger, P.E., M.ASCE
Karen C. Kabbes, P.E., D.WRE, ENV SP, M.ASCE
Karl Lambert
Gretchen R. Miller, P.E., M.ASCE
Rajib Sinha

Emerging and Innovative Technologies Committee
Karl E. Lambert, A.M.ASCE, Chair
David J. Hill, A.M.ASCE, Vice-Chair
Sajjad Ahmad, Ph.D., P.E., M.ASCE, Secretary
Bob Andoh, Aff.M.ASCE
Lily S. Baldwin, P.E., M.ASCE
Amy B. Chan-Hilton, Ph.D., P.E., M.ASCE
Robert M. Clark, P.E., M.ASCE
Elizabeth E. Coyle, P.E., M.ASCE
Wayne Einfeld
Walter M. Grayman, Ph.D., P.E., D.WRE, F.EWRI, M.ASCE
Sanjeev K. Jha
Sanjeev K. Jha
Zoran Kapelan, Ph.D.

Purpose: To regularly publish and disseminate refereed and other material of interest to professionals, students, scholars, and policy makers concerning planning and management aspects of water resources and environmental problems. The intent of this journal is to become indispensable for state-of-the-art practice, education and scholarship in this field.

Purpose: To develop and apply emerging and innovative technologies to support the functioning of the EWRI and Society; to advance the development, knowledge, and application of emerging and innovative technologies for the planning and management of water resources and the protection and enhancement of the environment; to encourage the reporting, discussion of technical and social issues, and information transfer of applications of emerging and innovative technologies; and to foster the multidisciplinary use of these technologies.
Environmental & Water Resources Vision 2050 Task Committee

Purpose: To develop a vision of what the state of our natural and constructed environment and water resources could and should look like in the year 2050, and identify the actions needed now and on into the future to make that state a reality. These actions would include both the technical and policy advancements that need to be made in order to achieve the identified 2050 view. As such, it will serve as a very rough research agenda for the coming 40 years. The task committee will enlist a wide range of experts in the environmental/water resources field in the development of this vision.

Walter M. Grayman, Ph.D., P.E., D.WRE, F.EWRI, M.ASCE, Chair
Daniel P. Loucks, Ph.D., P.E., Dist.M.ASCE, Vice-Chair
Laurel S. Saito, P.E., M.ASCE, Secretary

Environmental Sensing and Cyber-Infrastructure: Technologies

Purpose: To identify and disseminate the state-of-the-art technologies in this subject and to promote the applications of these technologies to advance the state-of-the-practice in the environmental and water resources profession, from real-time crisis management to long-term impacts of climate change.

Chin M. Mok, P.E., RG, D.WRE, M.ASCE, Chair
Avi Ostfeld, D.WRE, F.EWRI, F.ASCE, Vice-Chair
David J. Hill, A.M.ASCE, Secretary
Dominic L. Boccelli, A.M.ASCE
Raghavendra Suribhatla
James G. Uber, Ph.D., A.M.ASCE
Jeanne M. VanBriesen, Ph.D., P.E., M.ASCE

Cloud Computing and Technology in the Water and Environmental Fields

Purpose: To provide a focal point within EWRI on the important emerging field of cloud computing and technology as it may influence the water and environmental field; to educate EWRI members on this topic and to monitor and guide the application of the technology as it relates to the fields of water and environment.

Yong Liu, Chair
Zheng Wu, M.ASCE, Vice-Chair
Walter M. Grayman, Ph.D., P.E., D.WRE, F.EWRI, M.ASCE, Secretary
Lily S. Baldwin, P.E., M.ASCE
Thomas M. Batroney, P.E., M.ASCE
Mohammed Karamouz, Ph.D., P.E., D.WRE, FASCE
Sudhir Kshirsagar
Avi Ostfeld, D.WRE, F.EWRI, F.ASCE
Margaret Petersen Outstanding Woman of the Year Award Task Committee

Purpose: Although their numbers are relatively small, the accomplishments of women in the Environmental and Water Resources Institute (EWRI) have helped to make EWRI and the American Society of Civil Engineers (ASCE) outstanding organizations in the professional and academic community. The purpose of this task committee is to establish the Margaret Petersen Outstanding Woman of the Year Award to honor a female ASCE/EWRI member who has demonstrated exemplary service to the water resources and environmental community. The award is established in the spirit of ASCE Fellow Margaret Petersen, a female pioneer in hydraulics and water resources engineering. Ms. Petersen has maintained a long and distinguished history of committee leadership within the American Society of Civil Engineering (ASCE) and the Environmental and Water Resource Institute (EWRI). Petersen worked for 35 years on various projects for the U.S. Army Corps of Engineers (including a year on loan to the Special Engineering Division of the Panama Canal). During that period she served as a role model for other female water-resources professionals. Thereafter, she joined the University of Arizona Department of Civil Engineering and Engineering Mechanics where she taught, served as a graduate advisor, and authored two books on water resources planning and on river engineering. She is the author of more than 100 reports and papers and has contributed to numerous publication. Ms. Petersen’s commitment to the water resources profession and her active engagement with ASCE and the EWRI serve as the founding principles for this award.

Dennis L. Richards, P.E., D.WRE, F.ASCE, Chair
Laurel S. Saito, P.E., M.ASCE, Vice-Chair
Cassie C. Klumpp, P.E., M.ASCE, Secretary
Sajjad Ahmad, Ph.D., P.E., M.ASCE

Margaret K. Banks, Ph.D., P.E., D.WRE, F.ASCE
Boualem Hadjerioua, M.ASCE
Peggy A. Johnson, Ph.D., F.EWRI, M.ASCE
Jeanne M. VanBriesen, Ph.D., P.E., M.ASCE
Kristen White

Climate Change Committee

Purpose: To identify, gather and organize information on potential infrastructure impacts due to climate change; to develop partnerships and collaborations of relevant and interested committees and organizations for responsible understanding and planning of potential climate change impacts; to develop strategies and recommendations addressing climate change impacts.

Brian C. Roberts, P.E., M.ASCE, Chair
Thomas C. Piechota, Ph.D., P.E., M.ASCE, Vice-Chair
Richard J. Van Bruggen, P.E., D.WRE, M.ASCE, Secretary
Thomas E. Adams III, M.ASCE
David P. Ahlfeld, Ph.D., P.E., M.ASCE
George W. Annandale, D.Eng., P.E., D.WRE, F.ASCE
Arie Ben-Zvi, Ph.D., P.E., F.ASCE
Michael J. Campfield, P.E., M.ASCE
Larry D. Decker, P.E., M.ASCE
David L. Dinkuhn, P.E., M.ASCE
Ellen M. Douglas, P.E.
Stephen E. Draper, Ph.D., P.E., M.ASCE
John J. Engel, P.E., M.ASCE
Jürgen D. Garbrecht, Ph.D., D.WRE, M.ASCE
Brett W. Gracely, P.E., D.WRE, M.ASCE
Siavash Hoomehr

Charlene E. Johnston, P.E., M.ASCE
Chin Kuo, Ph.D., M.ASCE
Vincent Lee, M.ASCE
William E. Mc Millin Jr., P.E., D.WRE, M.ASCE
Percival A. Miller, Ph.D., P.E., M.ASCE
Armin Munevar, P.E., M.ASCE
Richard N. Palmer, Ph.D., P.E., D.WRE, M.ASCE
Andres A. Salazar, A.M.ASCE
David I. Silverman, P.E.
Janey V. Smith, P.E., M.ASCE
Berrin Tansel, P.D., P.E., D.WRE, F.EWRI, F.ASCE
Michael J. Taylor, P.E., M.ASCE
Glenn A. Tootle, P.E., M.ASCE
Daniel Wright
Y. J. Yang, Ph.D., P.E., D.WRE
George Zoto

Sustainability Committee

Purpose: ASCE has fully committed to the principles of sustainable development (Policy Statement 418), urging civil engineers to serve as agents of change "through the information we provide, the
Informing, promoting, integrating and implementing sustainable practices must be part of the EWRI culture across the spectrum of its disciplines and councils. The Sustainable Engineering Practices Committee, by affiliation with the governing board, promotes sustainability as a central discipline of EWRI. The Committee helps coordinate and optimize sustainability initiatives throughout EWRI and with external organizations as we all seek to create a more sustainable built environment. The mission of this Sustainable Engineering Practices Committee is to focus the attention of those involved in environmental and water resources engineering on the ways in which sustainable development principles can and must lead to broader collaboration with other engineering and professional disciplines. For example, as municipal wastewater and rainwater become sources of reclaimed water supplies, the lines between water supply, water pollution, and wastewater treatment become blurred. Wastewater treatment plant operators can suddenly find themselves with “customers,” and those customers, in turn, find that there are new rules for water use. This committee will provide and promote forums for considering how increased dialogue and new systems approaches can lead to regulatory reevaluations and new innovations that minimize resource consumption and maintain the economic and environmental systems needed for a sustainable future. Further, the committee will collaborate with other engineering organizations including ASCE, AAEE, WEF, IWA and others to identify gaps and redundancies as we all seek to help our constituents reach new sustainability goals.

Gretchen R. Miller, P.E., M.ASCE, Chair
Youn Sim, Ph.D., P.E., M.ASCE, Vice-Chair
James ‘Cory’-LaNeave Jones, P.E., M.ASCE, Secretary
Lily S. Baldwin, P.E., M.ASCE
Achintya N. Bezbaruah
Edra L. Brashear, P.E., M.ASCE
Zhi-Qiang Deng, A.M.ASCE
David J. Eaton, Ph.D., A.M.ASCE
Trucka A. Embry, S.M.ASCE
Guillermo Flores, Jr., P.E., M.ASCE
Pal A. Hagedus, P.E., D.WRE, M.ASCE
Helene A. Hilger, P.E., M.ASCE
Rollin H. Hotchkiss, Ph.D., P.E., D.WRE, F.ASCE
Richard L. Johnson, A.M.ASCE
Charlene E. Johnston, P.E., M.ASCE
Rich Juricich, P.E., M.ASCE
Karen C. Kabbes, P.E., D.WRE, ENV SP
Patricia B. Malinowski, P.E., M.ASCE
George F. McMahon, P.E., D.WRE, M.ASCE
Barbara S. Minsker, M.ASCE
Kelly Sanders
Ashlynn S. Stillwell, A.M.ASCE
Cristiane Q. Surbeck, P.E., M.ASCE
Thomas M. Sweet, P.E., M.ASCE
Aditya Tyagi, D.WRE, M.ASCE
Chandramouli Viswanathan, P.E., M.ASCE
Thomas C. Walsh
James E. Warram, P.E., M.ASCE
Gwen J. Woods, A.M.ASCE
Derek D. Wride, P.E., M.ASCE

Performance-Based Sustainable Design of Water Resources Infrastructure Task Committee

Barbara S. Minsker, M.ASCE, Chair
Karen C. Kabbes, P.E., D.WRE, ENV SP, M.ASCE, Vice-Chair
Lily S. Baldwin, P.E., M.ASCE, Secretary
Dominic L. Boccelli, A.M.ASCE
John C. Crittenden, P.E., M.ASCE
Trucka A. Embry, S.M.ASCE
Mohamad I. Hejazi
Standards Development Council

Purpose: To coordinate all activities of EWRI related to the establishment, use, or discontinuance of standards or other regulatory tools in the area of water and the environment.

Bennington J. Willardson, P.E., M.ASCE, Chair
David J. Eaton, Ph.D., A.M.ASCE, Vice-Chair
Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE, Secretary
Joseph DellaPenna, Treasurer
Findlay G. Edwards, Ph.D., P.E., D.WRE, F.ASCE

Managed Aquifer Recharge Standards Committee

Purpose: To develop standards and guidelines, and organize international symposia and training sessions, for managing aquifer recharge to protect aquifers from overdraft and land subsidence, improve water supplies, and prevent or remediate aquifer contamination.

Bennington J. Willardson, P.E., M.ASCE, Chair
R. Douglas Bartlett, Aff.M.ASCE, Vice-Chair
Phyllis S. Stanin, Secretary
Peter Barkmann
Cortney Brand
Matthew D. Davis, S.M.ASCE
Peter Dillon
Devin L. Galloway
Adam Hutchinson

Aquifer Storage & Recovery Subcommittee

Purpose: To develop standards related to Aquifer Storage and Recovery (ASR).

R David G. Pyne, P.E., M.ASCE, Chair
Jiang Li, Ph.D., P.E., HG, D.WRE, F.ASCE
Zhuping Sheng, P.E., M.ASCE
Phyllis S. Stanin

Land Subsidence Subcommittee

Purpose: To bring together information on locations of subsidence, types of subsidence, measurement techniques, and equipment. The goal is to produce a Standard Guideline for Investigation of Land Subsidence Due to Fluid Withdrawal.

Keith Prince, Chair
Devin L. Galloway, Vice-Chair
Zhuping Sheng, P.E., M.ASCE, Secretary
Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE
Jiang Li, Ph.D., P.E., HG, D.WRE, F.ASCE

MAR Training Subcommittee

Purpose: To develop training sessions for various artificial recharge methods.

R David G. Pyne, P.E., M.ASCE, Chair
Mario Lluria
MAR Guideline Development Subcommittee

Peter E. Barkmann, Chair
R. Douglas Bartlett, Aff.M.ASCE
Cortney Brand
Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE
Gordon McCurry, Ph.D., P.G.
Stephanie J. Moore
Zhuping Sheng, P.E., M.ASCE
Phyllis S. Stanin
Bennington J. Willardson, P.E., M.ASCE

Atmospheric Water Management Standards Committee

Purpose: To develop standards for atmospheric water management in the areas of precipitation enhancement, fog dispersal, and hail suppression for adoption by states and provinces for regulatory purposes.

Darin Langerud, Chair
Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE, Vice-Chair
Thomas P. DeFelice, Ph.D., M.ASCE, Secretary
Arie Ben-Zvi, Ph.D., P.E., F.ASCE
Bruce A. Boe, Aff.M.ASCE
George W. Bomar
Joseph H. Golden
Don A. Griffith, Aff.M.ASCE
Nathan R. Kuhnert
David A. Matthews
Maurice D. Roos, P.E., M.ASCE
Sigmund Silber
Paul L. Smith

Border International Water Quality Standards Committee

Purpose: To develop international border water quality control standards.

Stephen M. Niemeyer, P.E., M.ASCE, Chair
Percival A. Miller, Ph.D., P.E., M.ASCE, Vice-Chair
Jeroen Olthof, P.E., M.ASCE, Secretary
Tanja Alarcon, S.M.ASCE
Gilbert G. Anaya
Fernando Cadena, M.ASCE
Mariana Chew, A.M.ASCE
David J. Eaton, Ph.D., A.M.ASCE
Jesus R. Gastelum
Kathlie S. Jeng-Bulloch, Ph.D., P.E., D.WRE, CFM, M.ASCE
Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE
Mark W. Killgore, P.E., D.WRE, F.EWRI, M.ASCE
April J. Lander, A.M.ASCE
Daene C. McKinney, P.E., D.WRE, M.ASCE
Maria E. Milanes Murcia, S.M.ASCE
Luzma F. Nava, S.M.ASCE
Bernardino Olague, P.E., M.ASCE
Erik C. Porse, S.M.ASCE
Samuel Sandoval, Ph.D., A.M.ASCE
Gerald Schliche, Aff.M.ASCE

KSTAT Standards Committee

Purpose: To develop nonmandatory standard guidelines and/or standard practice document(s) for statistical, spatial estimation and/or by spatial averaging of hydraulic conductivity using geostatistical theory. The KSTAT Committee products will advance the practice of civil engineering and benefit the public at large by (a) providing an optimized method with which to quantify the inherent statistical variability of hydraulic conductivity; (b) facilitating the probabilistic analysis of groundwater flow and other dependent phenomena, such as contaminant transport, by providing a robust statistical model for hydraulic conductivity; (c) providing a robust method to fit hydraulic conductivity that can be used in the parameterization of numerical models with which to simulate the behavior of groundwater phenomena, and, therefore, improve our understanding and management of aquifer systems; and (d) providing a succinct method for the statistical spatial estimation and spatial averaging of hydraulic conductivity for use in the analysis, simulation, and assessment of groundwater systems.

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Nazeer Ahmed, P.E., M.ASCE
Teresa B. Culver, A.M.ASCE
Macan Doroudian, P.E., M.ASCE
Paul Hudak
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Gustavious P. Williams, A.M.ASCE
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Kok-Kwang Phoon, Ph.D., P.E., F.ASCE
Anand J. Puppala, Ph.D., P.E., D.GE, F.ASCE
Donna M. Rizzo
Mark H. Rubarenzya, Ph.D., P.E., D.WRE, M.ASCE
Radhey S. Sharma, M.ASCE
Zhuping Sheng, P.E., M.ASCE
### EWRI COMMITTEES

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<th>Committee</th>
<th>Purpose</th>
<th>Chair</th>
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<td><strong>Management Practice for Control of Erosion &amp; Sediment Standards Committee</strong></td>
<td>To develop standard guidelines and/or standard of practice document(s) for the design, construction, rehabilitation, installation, and/or operation &amp; maintenance of erosion control systems and/or best management practices of sediment control.</td>
<td>Darrell Eidson, P.E., D.WRE, M.ASCE, Chair</td>
<td>Kendall F. Holbrook</td>
<td>Karen C. Kabbas, P.E., D.WRE, ENV SP, M.ASCE</td>
<td>Eugene C. McCall Jr., Ph.D., P.E., M.ASCE</td>
<td>Brian Noll</td>
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<td>David D. Dee Jr., P.E., D.WRE, M.ASCE, Vice-Chair</td>
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<td><strong>Performance Based BMPS Subcommittee</strong></td>
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<td>Stephen E. Draper, Ph.D., P.E., M.ASCE, Observer</td>
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<td>Kathie S. Jeng-Bulloch, Ph.D., P.E., D.WRE, CFM, M.ASCE, Observer</td>
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Karen C. Kabbes, P.E., D.WRE, ENV SP, M.ASCE, Observer

**Nominating Subcommittee (MPCES)**

Thomas P. O’Connor, P.E., M.ASCE, Chair

**Urban Drainage Standards Committee**

Purpose: To develop pre-standard documents (committee reports or manuals of professional practice), non-mandatory standard guidelines, and/or standards for the design, construction, installation, operation and maintenance of urban and/or rural subsurface and surface drainage.

Kathlie S. Jeng-Bulloch, Ph.D., P.E., D.WRE, FASCE, CFM, M.ASCE, Chair

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Richard Field, P.E., D.WRE

Robert S. Giurato, P.E., M.ASCE

Jeffrey S. Glenn, P.E., D.WRE, FASCE

Jay M. Herskowitz, P.E., M.ASCE

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Kenneth E. Waite, P.E.

Keh-Han Wang, Ph.D., M.ASCE

William J. Weaver, P.E., D.WRE, M.ASCE

Donald E. Woodward, P.E., FASCE

**Water Regulatory Standards Committee**

Purpose: To develop water regulatory standards for adoption by water regulatory agencies for water quality, interstate water compacts, water allocation methods, state/tribal compacts and other regulatory needs.

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William E. Cox, Ph.D., M.ASCE, Vice-Chair

Robert H. Abrams

Fadi G. Comair, D.WRE, M.ASCE

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Shou-Shan Fan, Ph.D., M.ASCE

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Luzma F. Nava, S.M.ASCE

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Wes Strickland, Aff.M.ASCE

Martin Walter

Kenneth R. Wright, P.E., L.S., D.WRE, Dist.M.ASCE

**Water Infrastructure Security Enhancements (WISE) Standards Committee**

Purpose: To develop standard guidelines and/or standard of practice document(s) for the integration of risk reduction measures, due to malevolent events, into the design, construction, rehabilitation, installation, and/or operation & maintenance of water infrastructure projects. Please visit the committee website at http://content.ewrinstitute.org/committees/wisesc.html.

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Ivan Burrowes

Clyde R. Dugan

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John Eichenlaub

Gomes B. Ganapathi, FASCE

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Melanie P. Lamb

Kevin Morley

Manuel Parada, P.E., M.ASCE

Kyle F. Parks

Kenneth Thompson

Lloyd V. Urban, Ph.D., P.E., M.ASCE

James F. Wheeler, P.E., M.ASCE

Harold F. Wiedeman, P.E., M.ASCE

Robert C. Williams, P.E., FASCE
Standards Development Council Awards Committee

Purpose: To recommend recipients for all ASCE Codes and Standards Program awards, including the awards for the committees of the EWRI Standards Development Council.

Joseph W. Dellapenna, Aff.M.ASCE, Chair
Hugo A. Loaiciga, Ph.D., P.E., F.ASCE

Michael K. Stenstrom, Ph.D., P.E., D.Eng., F.ASCE

Irrigation and Drainage Council

Purpose: To promote responsible use of water resources and protection/enhancement of the environment through the development, collection and dissemination of information regarding the use and application of irrigation and drainage systems. This council represents the EWRI on technical matters pertaining to irrigation and drainage.

Garry L. Grabow, Chair
Thomas W. Ley, P.E., M.ASCE, Vice-Chair
William F. Ritter, Ph.D., P.E., F.EWRI, F.ASCE, Editor
Anastasia E. M. Chirnside
Michael D. Dukes

Robert O. Evans Jr., Ph.D., P.E., M.ASCE
Prasanna Gowda
Prasanna Gowda
William Ritter
Tony L. Wahl, P.E., M.ASCE
Brian T. Wahlin, P.E., D.WRE, M.ASCE

Irrigation and Drainage Council Awards Committee

Purpose: To provide advice to the EWRI Awards Committee regarding awards related to (1) irrigation and drainage, particularly the Tipton Award, (2) the Journal of Irrigation and Drainage Engineering, ASCE, and (3) achievements by active members of the irrigation and drainage community that are worthy of ASCE and EWRI awards.

Thomas W. Ley, P.E., M.ASCE, Chair
William F. Ritter, Ph.D., P.E., F.EWRI, F.ASCE, Editor
Anastasia E. Chirnside, A.M.ASCE
Michael D. Dukes
Robert O. Evans Jr., Ph.D., P.E., M.ASCE
Prasanna H. Gowda

Garry Grabow
Charles Hillyer
Xinhua Jia
Ayse Kilic, A.M.ASCE
Clarence J. Prestwich, P.E.
Stuart W. Styles, P.E., D.WRE, M.ASCE
Tony L. Wahl, P.E., M.ASCE

Irrigation Delivery & Drainage Systems Committee

Purpose: To carry out technical activities on such subjects as (a) irrigation systems; (b) drainage systems; (c) water supply facilities; (d) design, operation and maintenance issues; (e) water control, measurement, and automation; (f) weed, pest, and phreatophyte control; and (g) innovative designs to meet the requirements of a changing environment.

Stuart W. Styles, P.E., D.WRE, M.ASCE, Chair
Tony L. Wahl, P.E., M.ASCE, Vice-Chair
Rajat Saha, Ph.D., P.E., M.ASCE, Secretary
Eduardo Bautista, A.M.ASCE
Roger W. Beisler, P.E., M.ASCE
Charles M. Burt, P.E., D.WRE, M.ASCE
Albert J. Clemmens, Ph.D., P.E., D.WRE, M.ASCE
Paul R. Cross, P.E., M.ASCE
Robert F. Einhellig, P.E., M.ASCE
A. D. Fotha
Timothy K. Gates, Ph.D., M.ASCE
Tom Gill
Robert S. Gooch, P.E., D.WRE, M.ASCE
Dorota Z. Haman
Daniel J. Howes

Gary P. Merkley, P.E.
Stephen H. Ottemoeller, P.E., M.ASCE
Lowell F. Ploss, P.E.
Clifford A. Pugh, P.E., M.ASCE
Mohan Reddy
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David C. Rogers, P.E.
Subramania I. Sritharan, Ph.D., P.E., M.ASCE
Bob E. Strand
Theodor S. Strikeloff, M.ASCE
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Brian T. Wahlin, P.E., D.WRE, M.ASCE
Wynn R. Walker, Ph.D., P.E., D.WRE, F.ASCE
Darell D. Zimbelman, Ph.D., P.E., D.WRE, F.ASCE
**Canal Gate Flow Measurements Task Committee**

Purpose: To develop and compile information on canal check gate flow, including flow measurement and computation at radial gates, vertical slide gates, and overshot gates used in irrigational and other canal systems.

Tony L. Wahl, P.E., M.ASCE, Chair  
Paul B. Elser, P.E.
Robert S. Gooch, P.E., D.WRE, M.ASCE, Vice-Chair  
Timothy F. Kacerek
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Gary P. Merkley, P.E.
Gilles Belaud  
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Albert J. Clemmens, Ph.D., P.E., D.WRE, M.ASCE  
David C. Rogers, P.E.
Robert F. Einhellig, P.E., M.ASCE  
Theodor S. Strekoff, M.ASCE

**Recent Advances in Canal Automation Task Committee**

Purpose: To gather information on canal automation research that is taking place around the world and make it available to EWRI members.

Brian T. Wahlin, P.E., D.WRE, M.ASCE, Chair  
Remy Halm
Albert J. Clemmens, Ph.D., P.E., D.WRE, M.ASCE, Vice-Chair  
Dorota Z. Haman
Charles M. Burt, P.E., D.WRE, M.ASCE, Secretary  
Xavier Litrico
David Aughton  
Pierre-Olivier Malaterre
Jean-Pierre Baume  
Iven Maresels
Eduardo Bautista, A.M.ASCE  
Luciano Mateos, Ph.D., Aff.M.ASCE
Grant G. Davids, P.E., M.ASCE  
Tony Oakes
Jean-Luc Deltour  
Manuel Rijo
Patrick Dent, P.E.  
Jose Rodellar
John R. Eckhardt, P.E., D.WRE, F.ASCE  
Victor Ruiz
Tugba Erol  
Jan Schuermans
Guy Fipps, P.E., M.ASCE  
Robert J. Strand
Thomas W. Gill  
Blair L. Stringam, Ph.D.
Manuel Gomez  
Peter-Jules Van Overloop, A.M.ASCE
Robert S. Gooch, P.E., D.WRE, M.ASCE  
Yann Viala
Guangguha  
Tony L. Wahl, P.E., M.ASCE

**On-Farm Irrigation Systems Committee**

Purpose: To carry out technical activities related to farm irrigation systems aimed at resource conservation, agricultural production, and profitability. Specific activities address: (a) design, construction and maintenance of systems; (b) optimization of distribution, application and management of irrigation water; (c) conservation and environmental protection; and (d) coordination between project level and on-farm irrigation professionals.

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Clarence J. Prestwich, P.E.
Gretchen F. Sassenrath, Vice-Chair  
Len J. Ring, P.E.
Eduardo Bautista, A.M.ASCE  
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Dorota Z. Haman  
Amy Schmidt
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Theodor S. Strekoff, M.ASCE
Norman Klocke, P.E.  
Daniel L. Thomas, Ph.D., P.E., D.WRE, F.ASCE
Shane Lindstrom  
Walter L. Trimmer, Ph.D., P.E.
Thomas H. Marek  
Thomas J. Trout, Ph.D., P.E., M.ASCE
Jared Oswald
EVRI COMMITTEES

Envisioning the Next Generation of Irrigation Advisory Programs Task Committee

Purpose: To lead a national discourse on a public access irrigation advisory program suited for the demands of the irrigation industry in the next two decades. The committee will identify the desired attributes of the future advisory programs, and associated research needs to support development of such advisory services.

Peter M. Robinson, P.E., Chair
Charles Hillyer, Vice-Chair
Jared Oswald, Secretary
Jose L. Chavez, Ph.D., A.M.ASCE
Paul D. Colaiizzi, P.E.
Marshall J. English, Ph.D., M.ASCE
Leland A. Hardy, P.E., M.ASCE
Geoffrey J. Henggeier, P.E., M.ASCE
Douglas J. Hunsaker
Norman Klocke, P.E.

Evapotranspiration in Irrigation and Hydrology Committee

Purpose: To advance the science and the practice of measuring and estimating evapotranspiration by irrigated and rain-fed agriculture and of naturally occurring vegetation. Emphasis will be placed on the development and evaluation of procedures and tools for the advancement of integrated water management and the determination of water requirements and water balances in relation to planning, design, and management of irrigation projects, hydrologic units and water resources systems.

Prasanna Gowda, Chair
Ayse Kilic, A.M.ASCE, Vice-Chair
Bart K. Nef, A.M.ASCE, Secretary
Richard G. Allen, P.E., D.WRE, M.ASCE
Jose L. Chavez, Ph.D., A.M.ASCE
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Richard H. Cuenca, P.E., M.ASCE
Kendall C. Dejonge, P.E.
Michael D. Dukes
Andrew N. French
Christopher Hay, P.E., A.M.ASCE
Robert W. Hill, Ph.D., P.E., M.ASCE
Charles Hillyer
Terry A. Howell, Ph.D., P.E., D.WRE, F.ASCE
Douglas J. Hunsaker
Suat Irmak, M.ASCE
Daniel Itenfisu
Marvin E. Jensen, Ph.D., P.E., Dist.M.ASCE
Xinhuajia
Jeppe Kjaersgaard

Evapotranspiration Crop Coefficients Task Committee

Purpose: To review and update crop coefficient (Kc) related issues including transfer of coefficients among regions of the United States, evaluate various methods to express Kc vs. time or vs. thermal units, determine best means for presenting or converting Kc’s for use with the standardized reference ET equation, feed-in to the revision of ASCE Manual 70 and create good interface with the Report on Standardization of Reference Evapotranspiration Calculation.

Richard L. Snyder, Chair
Richard G. Allen, P.E., D.WRE, M.ASCE, Vice-Chair
Zohrab Samani, P.E., M.ASCE, Secretary
Richard H. Cuenca, P.E., M.ASCE
Michael D. Dukes
Robert W. Hill, Ph.D., P.E., M.ASCE

Thomas H. Marek
Ed Martin
Clarence J. Prestwich, P.E.
Gretchen F. Sassenrath
Amy Schmidt
Ronald E. Sheffield
Douglas W. Toews
Earl D. Voris, Ph.D., P.E., M.ASCE
Hal Werner

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Molly Magmunson
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Venkataramana R. Sridhar, Ph.D., P.E., M.ASCE
D.WRE, M.ASCE
Saleh Taghvaeian, A.M.ASCE
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Mladen Todorovic
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Marvin E. Jensen, Ph.D., P.E., Dist.M.ASCE
Xinhuajia

Thomas W. Ley, P.E., M.ASCE
Revision of Manual 70: ET and Irrigation Water Requirements Task Committee

Purpose: To update forms of equations and incorporate recent ASCE standardization efforts, restructure text, expand procedures for application of crop coefficients and landscape coefficients, and update literature references.

Marvin E. Jensen, Ph.D., P.E., Dist.M.ASCE, Chair
Richard G. Allen, P.E., D.WRE, M.ASCE, Co-Chair

Water Quality and Drainage Committee

Purpose: To address and help solve agricultural and other urban/rural interface water quality and drainage issues and problems, such as non-point source pollution and TMDL, water quality criteria for irrigation and drainage and use of recycled waters, land application of wastes and wastewater for water quality improvement, development of resource management to integrate non-point source pollution control and watershed management issues, drainage of agricultural lands, subsurface water management for land development and for urban site improvement drainage investigations, design/construction/operation/maintenance of drains, other environmental concerns related to drainage, and groundwater quality protection.

Anastasia E. Chirnside, A.M.ASCE, Chair
Xinhua Jia, Secretary
Nazeer Ahmed, P.E., M.ASCE
Byron Clark, P.E., M.ASCE
Shawn C. Danenkenring, P.E., D.WRE, M.ASCE
Dale Devitt
Robert O. Evans Jr., Ph.D., P.E., M.ASCE
Luis E. Ferreras, A.M.ASCE
Luis A. Garcia, Ph.D., M.ASCE
Garry L. Grabow
Mark E. Grissmer

Use of Recycled Water for Irrigation of Turf and Landscape Plants Task Committee

Purpose: To advance the knowledge of water reuse and improve the practice by developing water quality guidelines for irrigation of turf and landscape plants.

Anastasia E. Chirnside, A.M.ASCE, Chair
Garry L. Grabow, Vice-Chair
Daniel L. Thomas, Ph.D., P.E., D.WRE, F.ASCE, Secretary

Planning and Management Council

Purpose: To create, organize, and manage the activities of various technical committees dealing with water resources planning and management.

Daene C. McKinney, P.E., D.WRE, M.ASCE, Chair
Tim Feather, Vice-Chair
Patrick M. Reed, A.M.ASCE, Secretary
Mark Anderson
Elizabeth M. Bartell, P.E., M.ASCE
Stephen F. Bourne, A.M.ASCE
Edra L. Brashear, P.E., M.ASCE
James Brumbelow
Jonathan W. Bulkley, P.E., F.ASCE
Jeffrey B. Connor, P.E.
Water Distribution Systems Analysis (WDSA)

Purpose: Water distribution systems analysis (WDSA) involves the quantitative planning, design, operations, management, modeling, and monitoring of hydraulics and water quality of water distribution systems. The purpose of the committee is to provide coordination for all activities within EWRI related to the field of water distribution systems analysis. Activities include (but are not limited to): organization of sessions at EWRI conferences and standalone conferences; generation of papers and monographs; development and promotion of industry-wide WDSA standards and guidelines; support for the productive sharing of WDSA computational algorithms and models; and encouraging communication among all sectors of the water field involved in WDSA.

Avi Ostfeld, D.WRE, F.EWRI, F.ASCE, Chair
Angus R. Simpson, Ph.D., P.E., M.ASCE, Vice-Chair
Yehuda Kleiner, M.ASCE, Secretary
Dominic L. Boccelli, A.M.ASCE
Walter M. Grayman, Ph.D., P.E., D.WRE, F.EWRI, M.ASCE

Peer Review of the International Upper Great Lakes Study Task Committee

Purpose: To coordinate activities associated with the peer review of the International Great Lakes Study which ASCE is conducting jointly with the Canadian Water Resources Association under contract to the International Joint Commission. Activities include coordinating reviews, identifying qualified reviewers and maintaining a web page publicizing the review process.

Eric D. Loucks, P.E., D.WRE, M.ASCE, Chair
Peggy A. Johnson, Ph.D., F.EWRI, M.ASCE, Vice-Chair

Environmental and Water Resources Systems Committee

Purpose: To foster and report on the development and application of system analysis tools and approaches to analyze, plan, and manage systems relating to environmental quality and water resources.

Emily M. Zechman, P.E., M.ASCE, Chair
David E. Rosenberg, Ph.D., A.M.ASCE, Vice-Chair
Veronica Griffis, Secretary
Mustafa M. Aral, Ph.D., P.E., F.ASCE
Sankarasubraman Arumugam, A.M.ASCE
Meghna Babbar
Thomas O. Barnwell, M.ASCE
Paul J. Block, P.E., M.ASCE
Earl D. Brill Jr., Ph.D., M.ASCE
Casey Brown, Ph.D., P.E., M.ASCE
James K. Brumbelow, P.E., M.ASCE
Ximing Cai, Ph.D., P.E.
Andrea Castelletti
Amy B. Chan-Hilton, Ph.D., P.E., M.ASCE
Ni-Bin Chang, Ph.D., P.E., D.WRE, F.ASCE
Gregory W. Characklis
Chun-Tian Cheng
Francis I. Chung, Ph.D., P.E., M.ASCE
Evan I. Coopersmith
Teresa B. Culver, A.M.ASCE

Robert G. Traver, P.E., D.WRE, F.EWRI, M.ASCE
Warren Viessman Jr., Ph.D., P.E., D.WRE
Jeffrey D. Walker, S.M.ASCE
JHUA WANG
Kirk S. Westphal, M.ASCE
Gustavious P. Williams, A.M.ASCE
Zoran Kapelan, Ph.D.
Kevin Lansey, A.M.ASCE
Morris L. Maslia, P.E., D.WRE, F.EWRI,
Juan G. Saldarriaga, A.M.ASCE
James G. Uber, Ph.D., A.M.ASCE
Zoran Kapelan, Ph.D.
Kevin Lansey, A.M.ASCE
Morris L. Maslia, P.E., D.WRE, F.EWRI,
Juan G. Saldarriaga, A.M.ASCE
James G. Uber, Ph.D., A.M.ASCE
Zoran Kapelan, Ph.D.
Kevin Lansey, A.M.ASCE
Morris L. Maslia, P.E., D.WRE, F.EWRI,
Juan G. Saldarriaga, A.M.ASCE
James G. Uber, Ph.D., A.M.ASCE
Zoran Kapelan, Ph.D.
Kevin Lansey, A.M.ASCE
Morris L. Maslia, P.E., D.WRE, F.EWRI,
Juan G. Saldarriaga, A.M.ASCE
James G. Uber, Ph.D., A.M.ASCE
Zoran Kapelan, Ph.D.
Kevin Lansey, A.M.ASCE
Morris L. Maslia, P.E., D.WRE, F.EWRI,
System Analysis for Watershed Management Task Committee

Purpose: To promote the application of system analysis and decision support systems for the solution of watershed management problems.

Ximing Cai, Ph.D., P.E., Chair
Richard M. Vogel, Ph.D., M.ASCE, Vice-Chair
David W. Watkins Jr., Ph.D., P.E., M.ASCE, Secretary
Amy B. Chan-Hilton, Ph.D., P.E., M.ASCE
Ni-Bin Chang, Ph.D., P.E., D.WRE, FASCE
Gregory W. Characklis
Xuefeng Chu, A.M.ASCE
Kenneth W. Harrison
Mark H. Houck, Ph.D., P.E., D.WRE, FASCE

Mohammed Karamouz, Ph.D., P.E., D.WRE, FASCE
Daniel P. Loucks, Ph.D., P.E., Dist.M.ASCE
Eric D. Loucks, P.E., D.WRE, M.ASCE
Daene C. McKinney, P.E., D.WRE, M.ASCE
Barbara S. Minsker, M.ASCE
John W. Nicklow, Ph.D., P.E., D.WRE, FASCE
Richard C. Peralta, Ph.D., P.E., F.ASCE
William W. Yeh, Ph.D., Hon.M.ASCE

Water Systems Planning under Climate Change Task Committee

Purpose: To develop methodologies for planning and managing water resource systems under non-stationarity and climate change.

Casey Brown, Ph.D., P.E., M.ASCE, Chair

Patrick M. Reed, A.M.ASCE, Vice-Chair
EWRI COMMITTEES

Daene C. McKinney, P.E., D.WRE, M.ASCE, Secretary

Gregory W. Characklis
David J. Hill, A.M.ASCE
Eric D. Loucks, P.E., D.WRE, M.ASCE
Arthur E. McGarity

Operations Management Committee
Purpose: To advance the science and practice of engineering as it relates to the operation and management of multiple purpose, water resource projects and systems of projects for the enhancement of human welfare; to obtain recognition of the accomplishments of water resources projects; to identify needs and possible solutions in all phases of the management of existing multi-purpose water resource projects; to increase the competence and prestige of water resources managers; to stimulate and serve the interests of EWRI and ASCE members employed as water resources managers.

George F. McMahon, P.E., D.WRE, M.ASCE, Chair
David W. Watkins Jr., Ph.D., P.E., M.ASCE, Vice-Chair
Darell D. Zimbelman, Ph.D., P.E., D.WRE, F.ASCE, Secretary
Aris P. Georgakakos, Ph.D., M.ASCE
Paul H. Kirshen, M.ASCE

Reallocation of Federal Multipurpose Reservoirs Task Committee
Purpose: To investigate the gap between original and current demands on water and storage in multi-purpose federal reservoirs in the United States and reallocation implemented through operational change as an adaptive management response. The investigation will emphasize technical and public policy aspects of reallocation as an instance of sustainable water resources management.

George F. McMahon, P.E., D.WRE, M.ASCE, Chair
Augustine J. Fredrich, P.E., D.WRE, F.ASCE, Vice-Chair
Ralph A. Wurbs, Ph.D., P.E., D.WRE, F.ASCE, Secretary
Darryl W. Davis, P.E., D.WRE, M.ASCE
Carter B. Edge
Timothy Feather, Aff.M.ASCE

Planning and Management Council Awards Committee
Purpose: To recommend to the Awards Committee of EWRI, and for subsequent approval by the Governing Board of EWRI, recipients of ASCE awards under the rules established for these awards as stated in the Official Register of the Society, and to recommend and maintain a water resources planning and management awards program for service to the profession in planning and management of water resources, outstanding achievement, and best journal papers published in the Journal of Water Resources Planning and Management.

Jery R. Stedinger, Ph.D., Dist.M.ASCE, Chair
Walter M. Grayman, Ph.D., P.E., D.WRE, F.EWRI, M.ASCE, Vice-Chair
Jay R. Lund, Ph.D., F.EWRI, M.ASCE

Laws and Institutions Committee
Purpose: The Committee focuses on laws, regulations, policies and institutions related to natural resources management and provides a forum for interaction among members of interested professions including engineering, law, economics and other natural and social sciences. The Committee strives to provide factual information and sound advice on environmental issues that integrates engineering, scientific, and legal perspectives. When appropriate, it develops new model laws, regulations, policies, or
institutional arrangements and provides recommendations to appropriate parties. In addition, the Committee serves as a clearinghouse and provides coordination for all Institute councils and committees with respect to legal and institutional matters affecting the natural environment.

Gerald Sehlke, Aff.M.ASCE, Chair  
J Wayland Eheart, Ph.D., M.ASCE, Secretary  
Jonathan W. Bulkley, P.E., F.ASCE  
Gary R. Clark, P.E., D.WRE  
William E. Cox, Ph.D., M.ASCE  
Matthew D. Davis, S.M.ASCE  
Joseph W. Dellapenna, Aff.M.ASCE  
Stephen E. Draper, Ph.D., P.E., M.ASCE  

Integrated Water Resources Management Task Committee

Purpose: To evaluate the extent to which various states, and potentially other countries, manage their water resources in an integrated manner. This task will include an evaluation of the legal and institutional aspects, as well as the tools and methods used to manage water quality and allocation. The end product will be a guidance that documents the state-of-the-art in integrated and water management and provides guidance for developing and managing integrated water resources programs. There will be an attempt to develop this guidance in cooperation with other EWRI Councils (e.g. Water Resources Planning and Watershed).

Gerald Sehlke, Aff.M.ASCE, Chair  
John A. Bowleg II, C.Eng  
Robyn S. Colosimo, P.E., F.ASCE  
Jenny Deakin  
Joseph M. Deakin, P.E.  
Stephen E. Draper, Ph.D., P.E., M.ASCE  
Boyd Fuller  
Frank Groznik  
Carlo Gualtieri, P.E.  
Edward Z. Hosseinipour, Ph.D., P.E., M.ASCE  
Charles D. Howard, P.E., M.ASCE  
Marcella Hutchinson  
Richard Ives  
Gary Johnson  
Kris G. Kauffman, P.E., M.ASCE  
Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE  
Young-Oh Kim  
Paul H. Kirshen, M.ASCE  

Water Resources & Environmental Planning & Management Committee

Purpose: To promote the design and implementation of the water and environment resources planning processes that are holistic in concept, embrace societal goals, facilitate conflict resolution and foster timely and consistent water management policies.

Scott L. Knight, P.E., M.ASCE, Chair  
Kirk S. Westphal, M.ASCE, Vice-Chair  
Rachel A. Ickert, P.E., M.ASCE, Secretary  
Adnan M. Alsaffar, Ph.D., P.E., F.EWRI, F.ASCE  
Mark Anderson  
Elizabeth C. Bourget, P.E., M.ASCE  
Stephen F. Bourne, A.M.ASCE  
James K. Brumbelow, P.E., M.ASCE  
William F. Bulloch Jr., P.E., D.WRE, M.ASCE  
Hal Cardwell, A.M.ASCE  
William E. Cox, Ph.D., M.ASCE  
Timothy Feather, Aff.M.ASCE  
Paulette L. Fiske, P.E., M.ASCE  

Kathie S. Jeng-Bulloch, Ph.D., P.E., D.WRE, CFM, M.ASCE  
Karen C. Kabbes, P.E., D.WRE, ENV SP, M.ASCE  
Stacy Langsdale  
Katherine J. Lawson, P.E., M.ASCE  
Jamie R. Lefkowitz, P.E., M.ASCE  
Daniel P. Loucks, Ph.D., P.E., Dist.M.ASCE  
Kaveh Madani, A.M.ASCE  
Valerie R. McCaw, P.E., D.WRE, M.ASCE  
Joe R. Miller, A.M.ASCE  
Daniel R. Opdyke  
William H. Pearce, P.E., M.ASCE  
Elizabeth M. Perez, P.E., D.WRE, M.ASCE
### EWRI COMMITTEES

**Task Committee on Encouraging Future Water Resources Professionals**

**Purpose:** To promote the water resources planning and management profession to young people at the formative stage of deciding on academic and career paths through development of an immersive academic experience.

- James K. Brumbelow, P.E., M.ASCE, **Chair**
- Stephen F. Bourne, A.M.ASCE, **Vice-Chair**
- Rachel A. Ickert, P.E., M.ASCE, **Secretary**
- Jamie R. Lefkowitz, P.E., M.ASCE
- Kaveh Madani, A.M.ASCE

**Environmental Council**

**Purpose:** To establish a focal point and provide a forum for civil engineers and scientists to participate and exchange ideas on the full range of innovative and emerging environmental engineering topics. The Council’s technical committees produce publications, webinars, and Congress sessions highlighting sustainability and interdisciplinary collaboration. The Council’s awards committee reviews published technical papers and makes recommendations for 10 EWRI and ASCE awards. The committees seek to remain on the cutting edge and disseminate state-of-the-art knowledge on:

1. environmental health and water quality issues, promoting a fundamental understanding of the nature and scope of the issues;
2. environmental permitting nationally and internationally for air, water (groundwater, surface water, wastewater, storm water), and waste (solid and hazardous); 3. hazardous, toxic and radioactive waste topics, evaluating physical, chemical and biological treatment processes, site remediation engineering, evolving and innovative remedial approaches, and effectiveness of alternate technologies; and 4. zero waste initiatives, a proposed committee to exchange ideas on how to achieve zero waste goals through advances in solid waste management practice and design to promote diversion, composting, and recycling.

- Marjorie E. Bedessem, P.E., M.ASCE, **Chair**
- Debra R. Reinhart, P.E., F.ASCE, **Vice-Chair**
- Srinivasarao Chitikela, M.ASCE
- Wendy L. Cohen, P.E., M.ASCE
- Lisa C. Hayes, P.E., M.ASCE
- Frederick J. Martin, P.E., M.ASCE
- William F. Ritter, Ph.D., P.E., F.EWRI
- Rao Y. Surampalli, Ph.D., P.E., D.WRE
- Tian C. Zhang, Ph.D., P.E., D.WRE, F.ASCE

**Environmental Council Awards Committee**

**Purpose:** To review papers in the Journal of Environmental Engineering and the Practice Periodicals of Hazardous, Toxic and Radioactive Waste Management to make recommendations for the CMC Awards (Hering Medal, Horner Award, and Greely Award) and for society-wide awards (Norman Medal, Cross Medal, Wellington Prize, Collingwood Prize, State-of-the-Art Award). The committee also reviews nominations and makes recommendations for the Huber Research Prize and the Freese Lecturer.

- Eugene J. Leboeuf, Ph.D., P.E., F.ASCE, **Chair**
- Khalil Z. Atasi, Ph.D., P.E., F.ASCE
- Alok Bhandari, Ph.D., P.E., F.ASCE
- Raymond A. Ferrara, Ph.D., M.ASCE
- Reza Iranpour, M.ASCE
- Yusong Li, Ph.D.
- Rao Y. Surampalli, Ph.D., P.E., D.WRE
- F.EWRI, Dist.M.ASCE

**Environmental Permitting Committee**

**Purpose:** To provide a forum for environmental engineers and scientists to participate and exchange views on environmental permitting nationally and internationally. Environmental permitting includes air, water (groundwater, surface water, wastewater, storm water), and waste (solid waste and hazardous waste etc.) areas. Additionally, this committee will work on environmental auditing and compliance issues. Thus, the underlying professional topics would include (but are not limited to): air minor and major source permitting; water NPDES and local limits permitting; waste handling and permitting; TRI, biennial, and TIER II reporting of waste activities; storage tanks (UST and AST) permitting;
environmental management systems and environmental auditing procedures of industrial facilities; health and safety issues of industrial facilities; and environmental compliance of industrial facilities.

Marjorie E. Bedessem, P.E., M.ASCE, Chair
William F. Ritter, Ph.D., P.E., F.EWRI, F.ASCE, Vice-Chair
Byron T. Burrows, P.E., M.ASCE
Brian J. Christ, P.E., M.ASCE
David P. Devine, P.E., L.S., M.ASCE
Marla J. Harrison, P.E., M.ASCE
Hari K. Kapalavai, A.M.ASCE
Frederick J. Martin, P.E., M.ASCE
Edward A. Miller, P.E., M.ASCE
Paul T. Pepler, A.M.ASCE
Chad D. Prior, P.E., M.ASCE
Phil Simmons, A.M.ASCE
Tarla T. Toomer, A.M.ASCE

Hazardous, Toxic and Radioactive Waste Engineering Committee

Purpose: To provide a forum for civil engineers to evaluate the physical, chemical and biological treatment processes, site remediation engineering, storage and disposal, waste recycle and hazardous toxic and radioactive waste regulations and engineering, evolving and innovative remedial approaches, in-situ biodegradation, federal/state clean-up standards and effectiveness of alternate technology. The committee also provides expertise concerning procedures for remedial investigation, feasibility studies, and remedial design for mitigation of hazardous waste sites. The committee also addresses the use and management of radioactive materials including naturally occurring radiation in the environment, waste minimization, transportation of radioactive materials, and useful applications of radiation in environmental management.

Rao Y. Surampalli, Ph.D., P.E., D.WRE, F.EWRI, Dist.M.ASCE, Chair
Craig D. Adams, Ph.D., P.E., F.ASCE
Shankha K. Banerji, Ph.D., P.E., F.ASCE
Alok Bhandari, Ph.D., P.E., F.ASCE
Pascale Champagne, Ph.D., P.Eng, D.WRE, M.ASCE
Yee K. Cho, P.E., F.EWRI, M.ASCE
Wendy L. Cohen, P.E., M.ASCE
Zhiqiang Hu, P.E.
Chih-Ming Kao, F.EWRI, F.ASCE
Samir K. Khanal, P.E.
Keith C. Lai
Irene M. Lo, Ph.D., F.ASCE
Say Kee Ong, P.E., M.ASCE
Say-Leong Ong, D.WRE
Rajeshwar D. Tyagi, Ph.D., M.ASCE
Yoshimasa Watanabe
Tian C. Zhang, Ph.D., P.E., D.WRE, F.ASCE

Environmental Health & Water Quality Committee

Purpose: To provide a forum for civil engineers and scientists to exchange ideas within their professional community, across sub-disciplines, and with the general public regarding environmental health and water quality issues. The committee seeks to remain on the cutting edge of these issues by disseminating state-of-the-art knowledge, promoting a fundamental understanding of the nature and scope of the issues, and sharing knowledge about environmental processes and technologies to mitigate the issues.

Lisa C. Hayes, P.E., M.ASCE, Chair
Claudia K. Gunsch, Ph.D., A.M.ASCE, Vice-Chair
Ryan Holzem, Secretary
Mustafa M. Aral, Ph.D., P.E., F.ASCE
Harold Bailey, P.E., M.ASCE
Marjorie E. Bedessem, P.E., M.ASCE
Anastasia E. Chirnside, A.M.ASCE
Wendy L. Cohen, P.E., M.ASCE
Zhi-Quang Deng, A.M.ASCE
John L. Durant, Ph.D., P.E., M.ASCE
JinSheng Huo, Ph.D., P.E., M.ASCE
Douglas E. Jones, P.E., P.E., M.ASCE
Karen J. Karvazy, P.E., M.ASCE
Michael S. Kasch, P.E., M.ASCE
Arthur D. Kney, Ph.D., P.E., M.ASCE
Carissa L. Mason, A.M.ASCE
Daniel E. Meerroff
Audra N. Morse, Ph.D., P.E., M.ASCE
Valentine Nzengung
Michael E. Quamme, A.M.ASCE
Lena Rivera, P.E., D.WRE
Steven V. Rose, P.E., D.WRE, M.ASCE, P.Eng
Kwanrawee Sirikananchana
Sunil Wadhawan
Lee P. Wiseman, P.E., M.ASCE
Jianpeng Zhou, Ph.D., P.E.
Groundwater Council

Purpose: To provide a forum and structure for the creation and dissemination of knowledge on all aspects of ground water including, but not limited to, ground water hydrology, ground water planning and management, and ground water quality, and to attract ground water professionals to EWRI.

Hugo A. Loaiciga, Ph.D., P.E., F.ASCE, Chair
Abhishek Singh, Ph.D., M.ASCE, Vice-Chair
Roseanna M. Neupauer, Ph.D., P.E., M.ASCE, Secretary
Xuefeng Chu, A.M.ASCE

Excellence in Water Resources Education Task Committee

Purpose: To foster excellence in water resources and hydrology education and to enhance student learning of principles through the creation, publication, and presentation of in-class demonstrations and hands-on activities.

Amy B. Chan-Hilton, Ph.D., P.E., M.ASCE, Chair
Roseanna M. Neupauer, Ph.D., P.E., M.ASCE, Vice-Chair
Steven J. Burian, Ph.D., P.E., M.ASCE, Secretary
Shannon Bartelt-Hunt, P.E., M.ASCE
John S. Gierke, P.E., M.ASCE
Crist S. Khachikian, A.M.ASCE

Groundwater Management Technical Committee

Purpose: To develop and disseminate knowledge about improved and innovative methods for identifying cost-effective groundwater management solutions. These methods for the management of groundwater quantity and quality may include components for addressing economics, risk assessment, monitoring and characterization, and model uncertainty. In addition, the Committee focuses on the development and application of modern computational methods to address groundwater management issues.

Chin M. Mok, P.E., RG, D.WRE, M.ASCE, Chair
Hillol Guha, Vice-Chair
Richard Peralta, Secretary
David P. Ahlfeld, Ph.D., P.E., M.ASCE
Nazeer Ahmed, Ph.D., M.ASCE
Alaa H. Aly, P.E., M.ASCE
Mustafa M. Aral, Ph.D., P.E., F.ASCE
Meghna Babbar
Amy B. Chan-Hilton, Ph.D., P.E., M.ASCE
Ni-Bin Chang, Ph.D., P.E., D.WRE, F.ASCE
Xuefeng Chu, A.M.ASCE
T. Prabhakar Clement, Ph.D., P.E., F.ASCE
Teresa B. Culver, A.M.ASCE
Garrett A. Day
David E. Dougherty
J Wayland Eheart, Ph.D., M.ASCE
Felipe P. Espinosa, Ph.D.
Randall W. Gentry, P.E., M.ASCE
Sinem Golgoz-Kilic
Paul Gruber
Mary C. Hill, M.ASCE
Bernard B. Hsieh, Ph.D.
Xiaolong Hu
A Ivan Johnson, P.E.
Norman L. Jones, A.M.ASCE
Joshua B. Kollat
Yu-Feng Lin

Teresa B. Culver, A.M.ASCE
Mira Olson, A.M.ASCE
Zhuping Sheng, P.E., M.ASCE
Frank T. Tsai, P.E., M.ASCE

Yi Liu
Huqo A. Loaiciga, Ph.D., P.E., F.ASCE
Paul Mathisen, P.E., M.ASCE
Daene C. McKinney, P.E., D.WRE, M.ASCE
James Mcphee
Girma Mergia, P.E.
Kijin Nam, Ph.D., P.E., M.ASCE
Roseanna Neupauer
George F. Pinder, Ph.D., Dist.M.ASCE
Janos D. Pinter
Patrick M. Reed, A.M.ASCE
Donna M. Rizzo
Scott W. Rogers
Antonella Sciortino, C.Eng, A.M.ASCE
Zhuping Sheng, P.E., M.ASCE
Christine A. Shoemaker, P.E., Dist.M.ASCE
Abhishek Singh, Ph.D., M.ASCE
Stewart W. Taylor, Ph.D., P.E., M.ASCE
Frank T. Tsai, P.E., M.ASCE
Jinjun Wang
David W. Watkins Jr., Ph.D., P.E., M.ASCE
Gustavious P. Williams, A.M.ASCE
Wayne E. Woldt, A.M.ASCE
Shengquan Yan
William W. Yeh, Ph.D., Hon.M.ASCE
Miao Zhang
Groundwater Hydrology Committee

Purpose: To provide a forum for advancing our engineering knowledge of the physical aspects of ground water development, protection and restoration, and disseminating this knowledge across an interdisciplinary professional community. Topical areas addressed by the committee include well hydraulics, aquifer characterization, interaction between ground and surface waters, artificial recharge, and ground water modeling. The committee is also leading an initiative to establish EWRI as the premier engineering society for the ground water professional.

Antonella Sciortino, C.Eng, A.M.ASCE, Chair
Garrett A. Day, Vice-Chair
David P. Ahlfeld, Ph.D., P.E., M.ASCE
Nazeer Ahmed, P.E., M.ASCE
Barbara A. Anderson, P.E.
Mustafa M. Aral, Ph.D., P.E., F.ASCE
Michel C. Boufadel, M.ASCE
Nazeer Ahmed, P.E., M.ASCE
T. Prabhakar Clement, Ph.D., P.E., F.ASCE
Benjamin P. Daniel, A.M.ASCE
Angelos N. Findikakis, P.E., M.ASCE
Jesus R. Gastelum
Randall W. Gentry, P.E., M.ASCE
Sinem Gokgoz-Kilic
Rao S. Govindaraju, Ph.D., M.ASCE
T. Prabhakar Clement, Ph.D., P.E., F.ASCE
Nazeer Ahmed, P.E., M.ASCE
Barbara A. Anderson, P.E.
Mustafa M. Aral, Ph.D., P.E., F.ASCE
Michel C. Boufadel, M.ASCE
Nazeer Ahmed, P.E., M.ASCE
T. Prabhakar Clement, Ph.D., P.E., F.ASCE
Well Hydraulics Task Committee

Purpose: To develop a manual on Well Hydraulics for design of water wells. This manual will be helpful to engineers, public officials, private well owners, federal and state agencies and organizations, designers, business communities, administrators, and municipal personnel. It would assist in an efficient design of pumping units and bring uniformity of services among the consulting engineers.

Nazeer Ahmed, P.E., M.ASCE, Chair
Thomas W. Anderson, F.ASCE, Vice-Chair
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Otto J. Heliweg, Ph.D., P.E., F.ASCE
Rollin H. Hotchkiss, Ph.D., P.E., D.WRE, F.ASCE
Urbanization Effects on Groundwater Task Committee

Purpose: To provide a platform for the scientific and engineering community to understand the urbanization effects on groundwater, including the stormwater impacts via retention/detention and reuse, septic tank drainfield, aquifer storage and recovery, wastewater reclamation, low impact development, etc.

Ni-Bin Chang, Ph.D., P.E., D.WRE, F.ASCE, Chair
Xing Fang, P.E., D.WRE, M.ASCE, Vice-Chair
Interconnection of Atmospheric, Surface Waters and Groundwater Committee

Purpose: With changing climate, conjunctive uses and management of water resources or integrated water resources management become more interesting for water resources planners and managers. This committee will promote scientific exchange and experience sharing in inviting scientists and researchers to prepare articles and presentations focusing on state of science in interaction of atmospheric, surface waters and groundwater as well as their conjunctive management and uses. All the invited and solicited papers will be peer-reviewed and accepted papers will be published in a special issue of Journal of Hydrologic Engineering.

Zhuping Sheng, P.E., M.ASCE, Chair
Garey A. Fox, Ph.D., P.E., M.ASCE, Vice-Chair
Shalamu Abudu, Secretary

Groundwater Quality Committee

Purpose: To provide a forum to discuss, enhance, and disseminate the technical knowledge related to ground water quality. This includes the broad spectrum of challenging engineering and scientific issues related to ground water resource development and protection. Some of these issues include water quality, well hydraulics, water supply, modeling of flow and contaminant transport, and regulatory issues. The technical committee will evaluate and disseminate information on the current technologies on ground water remediation and aquifer restoration, including monitoring network design.

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Dimitris Dermatas, Ph.D.
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Crist S. Khachikian, A.M.ASCE
Emmanuel C.B. Liban, D.Eng., P.E., M.ASCE
Shaw F. Lin, Ph.D., P.E.

Groundwater Symposia and Continuing Education Committee

Purpose: To plan, steer, and organize groundwater sessions at annual EWRI congresses or at stand alone specialty symposia. Committee responsibilities include establishing timely themes for groundwater sessions or symposia, soliciting speakers and papers, reviewing abstracts and papers, scheduling sessions or symposia, identifying moderators, and publishing any specialty proceedings. It is also the intent of the committee to organize groundwater short courses to be offered at annual EWRI congresses or at other venues.

Xuefeng Chu, A.M.ASCE, Chair
Antonella Sciortino, C.Eng, A.M.ASCE, Co-Chair
Groundwater Council Awards Committee

Srikanta Mishra, Chair
Randall W. Gentry, P.E., M.ASCE

Watershed Council

Purpose: To advance scientific and engineering principles for the collection, coordination, and dissemination of knowledge of watersheds from the standpoint of hydrologic, hydraulic, water quality, and environmental processes.

Robert E. Swain, P.E., D.WRE, M.ASCE, Chair
Ranvir Singh, P.E., M.ASCE, Vice-Chair
Rao S. Govindaraju, Ph.D., M.ASCE, Journal Editor
Vijay P. Singh, D.Sc, P.E., F.EWRI, F.ASCE, Secretary

Surface Water Hydrology Technical Committee

Purpose: To study and disseminate information on all aspects of precipitation and runoff; to study the natural occurrences of floods and droughts, snowmelt runoff, the establishment of design floods, methods of preventing or alleviating damages due to floods, water losses through evaporation, transpiration, and infiltration, and detention of water in snow deposits, and hydrologic considerations in environmental issues.

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Abhishek Singh, Ph.D., M.ASCE
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William W. Yeh, Ph.D., Hon.M.ASCE

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M Levent Kavvas, Ph.D., F.ASCE
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Jeffrey Rieker
Robert E. Swain, P.E., D.WRE, M.ASCE

Wayne C. Huber, Ph.D., P.E., D.WRE, M.ASCE
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Joseph A. Van Mullem, P.E., M.ASCE
Chandramouli Viswanathan, P.E., M.ASCE
**Ven Te Chow Award Task Committee**

Purpose: (a) To solicit and gather new nominations for the Ven Te Chow Award and update existing nominations, (b) to develop and implement a fair process for evaluating nominations for this award in a timely manner, (c) to recommend an awardee to the EWRI Awards Committee, and (d) to periodically review the selection procedure and revise if necessary.

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Craig J. Talbot, P.E., M.ASCE
Ramesh S. Teegavarapu, P.E.

**Use and Application of Radar Rainfall Data Task Committee**

Purpose: To provide a forum for engineers and scientists to investigate and disseminate knowledge on the use and application of the NWS WSR-88D Doppler radar data to estimate surface rainfall in operational flood prediction, basin runoff model calibration and rainfall reconstitution.

Chandra S. Pathak, Ph.D., P.E., D.WRE, Chair
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Beth Clarke
David Curtis, Ph.D., Aff.M.ASCE
Michael J. Daly
Henry Fuelberg
Ilse Gayl
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Emad H. Habib
Thomas J. Jaen, P.E., M.ASCE
Roger T. Kilgore, P.E., D.WRE, F.ASCE

David H. Kitzmiller
James Logan
Steven Martinatis
Brian W. Nelson, P.E., M.ASCE
Thomas M. Over, P.E., M.ASCE
John Sullivan, Jr.
Robert E. Swain, P.E., D.WRE, M.ASCE
Ramesh S. Teegavarapu, P.E.
Baxter E. Vieux, Ph.D., P.E., M.ASCE
Nancy Westcott

**Standard Practice on Radar Rainfall Estimation Task Committee**

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David H. Kitzmiller
James Logan
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D.WRE, M.ASCE
John Sullivan, Jr.
Robert E. Swain, P.E., D.WRE, M.ASCE
Lou Torrence
Baxter E. Vieux, Ph.D., P.E., M.ASCE
Nancy Westcott

**Drought Monitoring and Assessment Task Committee**

Purpose: To collect and disseminate current and emerging techniques for drought characterization. Specifically, this task committee will engage diverse stakeholders for drought information in an effort to build community acceptance of the local and regional data collection, compilation and data format and processing approaches.

Rao S. Govindaraju, Ph.D., M.ASCE, Chair
Indrajeet Chauyey, Vice-Chair
Vijay P. Singh, D.Sc, P.E., FEWRI, FASCE, Secretary
Jurgen D. Garbrecht, Ph.D., D.WRE, M.ASCE

M Levent Kavvas, Ph.D., F.ASCE
Ananta Nath, P.E., D.WRE, FEWRI, M.ASCE
Dev Niyogi
Glenn A. Tootle, P.E., M.ASCE

**Uncertainty Analysis Approaches In Hydrologic Modeling**

Purpose: To bring members of academia, practicing engineers, state and federal agencies to one common platform to promote, assess and evaluate emerging uncertainty and error analysis approaches for hydrologic modeling and their impact on design and practice.

Chandra S. Pathak, Ph.D., P.E., D.WRE, Chair
Sharika U. Senarath, Ph.D., P.E., PMP, D.WRE, M.ASCE, Vice-Chair
Task Committee on Statistical Applications In Hydrology

Purpose: The main objective of the task committee is to review published literature and summarize the development of new concepts and statistical methods for application in hydrologic science and engineering. Specific areas to which statistics are applied include temperature, humidity, radiation, rainfall, evaporation, evapotranspiration, runoff, infiltration, ground water, low flows and droughts, high flows, erosion, sedimentation, and water quality. Chapters covering these technical areas will be assembled to create a monograph: Applications of Statistical Distributions in Hydrologic Sciences and Engineering. Example problems will be included as appropriate. The potential audiences for this publication are professional engineers, practicing scientists, consulting firms, Government and private agencies, municipal administrators, students, instructors, public and private libraries, and research institutes involved with design in the area of hydrologic sciences.

Veronica W. Griffis, Ph.D., M.ASCE, Chair
Jery R. Stedinger, Ph.D., Dist.M.ASCE, Vice-Chair

Watershed Management Technical Committee

Purpose: To provide a venue to integrate the biological, physical, socioeconomic and hydrological elements of watersheds to improve engineering and land use practice for the benefit of society.

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Yongxuan Gao, A.M.ASCE
Richard H. Hawkins, Ph.D., P.E., F.EWRI, F.ASCE
Gopi K. Jaligama, M.ASCE
Vicente L. Lopes, Ph.D., P.E.

Curve Number Hydrology Task Committee

Purpose: To prepare a report on the current state of the practice in curve number hydrology for rainfall-runoff estimation, not to include the associated hydrograph generation techniques.

Richard H. Hawkins, Ph.D., P.E., F.EWRI, F.ASCE, Chair
Richard H. Berich, P.E., L.S.
Allen T. Hjelmfelt Jr., Ph.D., P.E., F.ASCE
Richard H. McCuen, Ph.D., P.E., M.ASCE
Steven C. McCutcheon, Ph.D., P.E., D.WRE, F.EWRI, M.ASCE
Norman Miller, P.E., M.ASCE

TMDL Analysis and Modeling Task Committee

Purpose: Selection of a suite of credible watershed models by professional consensus is a crucial step in all types of watershed analysis including TMDL analysis. The applicability of a model for a specific TMDL analysis should be evaluated based on the capability to simulate runoff and transport at a time-scale and spatial resolution appropriate for evaluation of cause and effect. Without adequate definition of cause and effect, water quality management is reduced to trial-and-error adaptive management that is expensive and time consuming. The primary task of this committee is to critically review a random
sample of the TMDL’s on file with the EPA for causes of impairment and the suitability of models used in the selected cases and other currently available watershed models for TMDL analysis. The committee will identify most of the diverse methods/techniques that are used to establish TMDLs; will identify the methodologies/models that are used to evaluate the current loads into the water body, and describe some of the BMPs being used throughout the country to bring the current loads to the established TMDL. Supporting issues include how best to integrate ever advancing remote sensing and GIS into watershed analysis. In particular, this Task Committee will define consensus protocols to guide the process of defining the credibility of simulations to minimally support watershed management and analysis. These include calibration and testing of watershed models and defining the uncertainty that watershed managers must take into account. The protocols will also define minimal data requirements and how best to collect and compile these data for major watershed investigations like that involved in the TMDL approach. Much of the work related to this proposal will be to effectively summarize, in one document, what is already out there (on web sites, journal papers, government documents etc.).

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Tim Wool, Ph.D.
Xiaodong Zhang, Ph.D.

Probabilistic Approach Committee
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Chandra S. Pathak, Ph.D., P.E., D.WRE
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Christina W. Tsai

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Amirreza Sharifi, S.M.ASCE, Secretary
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Sabahattin Isik
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Chandra S. Pathak, Ph.D., P.E., D.WRE
David M. Weston, P.E., D.WRE, M.ASCE
Kaveh Zamani, S.M.ASCE

Wetland Processes Modelling Task Committee
Purpose: To introduce the scientific and engineering community to the state-of-the-science on modeling wetland hydrologic and ecosystem functions, and provide them with state-of-the-art tools on modeling these processes at varying spatial and temporal scales.

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Latif Kalin, A.M.ASCE, Vice-Chair
Amirreza Sharifi, S.M.ASCE, Secretary
Christopher J. Anderson
James Carleton
Xuefeng Chu, A.MASCE
Zhi-Qiang Deng, A.MASCE
Brian Dyson, Ph.D.
Yusuf M. Mohamoud, Ph.D., P.E., M.ASCE
Watershed Council Awards Committee

Robert E. Swain, P.E., D.WRE, M.ASCE, Chair
Rao S. Govindaraju, Ph.D., M.ASCE, Journal Editor
Shou-Shan Fan, Ph.D., M.ASCE

Mohamed M. Hantush, Ph.D., A.M.ASCE
Claudia Hoeft, P.E., M.ASCE
Arthur R. Schmidt III, P.E., D.WRE, M.ASCE
Craig J. Talbot, P.E., M.ASCE

Hydroclimate Technical Committee

Purpose: To provide a formal organizational structure within ASCE/EWRI for addressing the various engineering problems that are created by hydroclimate phenomena and climate change, fostering their science-based engineering solutions. This main objective will be achieved by organizing the experts and interested individuals within the ASCE/EWRI community and encouraging the development of fundamental solutions to the engineering problems, created by critical hydroclimate phenomena, such as climate change, by organizing regular meetings (sessions/symposia) during ASCE/EWRI meetings, by promoting training on the engineering science of hydroclimate, and by encouraging scholarly publications within the confines of ASCE/EWRI.

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Shesh R. Koirala
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Noriaki Ohara, Aff.M.ASCE
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Venkataramana R. Sridhar, Ph.D., P.E., D.WRE, M.ASCE
Haroon Stephen, Ph.D., A.M.ASCE
Brian Wardman

Water, Wastewater & Stormwater Council

Purpose: To create, organize and manage the activities of various technical committees dealing with the engineered infrastructure and its effect on the environment, particularly water resources. Attention will be focused on assessing the effects and the important interrelationships of water resources, facilities and installations and necessary environmental and public health protection measures/systems needed for the functioning and sustainability of an adequate infrastructure.

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Dale Jacobson, P.E., D.WRE, F.ASCE
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Arnold Strasser, P.E., M.ASCE
Berrin Tansel, Ph.D., P.E., D.WRE, F.EWRI, F.ASCE
Kenneth Thompson
Srinivasarao Chitikela, M.ASCE
Karen J. Karvazy, P.E., M.ASCE

Desalination and Water Reuse Committee

Purpose: Develop appropriate educational material, symposiums, webinars, and/or workshops on concentrate management in desalination facilities; develop ASCE/EWRI guidance or guideline documents on concentrate management in desalination, and support the development of ANSI standards and/or other manuals of practice for the professional practice of concentrate management in desalination.

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Frederick H. Tack III, P.E., M.ASCE, Vice-Chair

Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, F.EWRI, F.ASCE
Luzma F. Nava, S.M.ASCE, Secretary

Bridget Wadzuk, A.M.ASCE
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Esther T. Harrah, P.E., M.ASCE
Patrick Treanor
Andre M. Vanniekerk

Development of Pre-Standard on Case Studies for Concentrate Management in Desalination Task Committee

Purpose: Development of pre-standard guidelines document (starting with monograph) for concentrate management in desalination from case studies on disposal of concentrate discharged from desalination plants to oceans & bays, sanitary sewers or surface water, deep well injection or land applications or evaporation ponds, or as zero liquid discharges.

Berrin Tansel, Ph.D., P.E., D.WRE, F.EWRI, F.ASCE, Chair
Michael P. Fahy, P.E., M.ASCE, Secretary
Val S. Frenkel, Ph.D., P.E., D.WRE
Esther T. Harrah, P.E., M.ASCE

Development of Guidelines on Concentrate Management in Inland Desalination Plants Task Committee

Purpose: Development of pre-standard, guidelines document (starting with task committee report) for concentrate management in inland desalination plants from case studies and other resources on disposal of concentrate discharged from desalination plants to Sanitary Sewers or Surface Water systems or from Deep Well Injection or Land Applications or Evaporation Ponds, or as Zero Liquid Discharges.

Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE, Chair
Anthony E. Bennett
Scott Bodensteiner, A.M.ASCE
Rick Bond
Duane E. Bryant, P.E.
John Chiniara
Findlay G. Edwards, Ph.D., P.E., D.WRE, F.ASCE

Discharge by Deep Well Injection, Land Application & Evaporation Ponds Subcommittee

Purpose: To support the development of pre-standard documents and/or educational materials on concentrate management systems associated with deep well injection, land application, and/or evaporation ponds use with inland and/or ocean desalination plants.

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Michael P. Fahy, P.E., M.ASCE
Esther T. Harrah, P.E., M.ASCE

Karl E. Longley, D.Sc, P.E., M.ASCE
Kenneth Mercer
Berrin Tansel, Ph.D., P.E., D.WRE, F.EWRI, F.ASCE

Fredrick H. Tack III, P.E., M.ASCE, Vice-Chair
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Michael P. Fahy, P.E., M.ASCE
Val S. Frenkel, Ph.D., P.E., D.WRE
Esther T. Harrah, P.E., M.ASCE

Kenneth Mercer
Sandeep Sethi

Tom W. Hughes, P.E., M.ASCE
Luzma F. Nava, S.M.ASCE
Sarp Sekeroglu, A.M.ASCE
Randall C. Shaw, P.E., M.ASCE
Andre M. Vanniekerk
Discharge to Sanitary Sewer and/or Surface Waters Subcommittee
Purpose: To support the development of documents and/or educational materials on concentrate management systems associated with discharge to sanitary sewers and/or surface waters from either inland and/or ocean desalination plants.

Ernesto A. Avila, P.E., M.ASCE, Chair
Khalil Z. Atasi, Ph.D., P.E., F.ASCE
Anthony E. Bennett
John Chiniara
Michael P. Fahy, P.E., M.ASCE
Mike M. Hightower, A.M.ASCE
Colin Hobbs
Clayton Johnson, P.E.

Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE
James P. King, Ph.D., P.E., M.ASCE
Eddie C. Livingston, P.E., M.ASCE
Berrin Tansel, Ph.D., P.E., D.WRE, F.EWRI, F.ASCE
André M. Vanniekerk

Discharge of Concentrate to Oceans and Bays Task Committee
Purpose: To support the development of documents and/or educational materials on concentrate management systems associated with discharge of concentrate to oceans and bays from either inland and/or ocean desalination plants.

Val S. Frenkel, Ph.D., P.E., D.WRE, Chair
Berrin Tansel, Ph.D., P.E., D.WRE, F.EWRI, F.ASCE, Vice-Chair
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Clayton Johnson, P.E.

Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE
Kenneth Mercer
Sandeep Sethi
Randall C. Shaw, P.E., M.ASCE
Frederick H. Tack III, P.E., M.ASCE
Patrick Treanor

Water Systems Security Training Task Committee
Purpose: Development of webinars and/or workshops for integration of risk reduction measures water, wastewater, and stormwater systems. Concerned with design, construction, rehabilitation, installation and operation of these systems relative to protecting against malevolent activities. Updating the key documents produced from the Water Infrastructure Security Enhancements (WISE) Standards Committee to keep them relevant to the ever changing world of national security.

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Neil S. Grigg, Ph.D., P.E., D.WRE, F.ASCE, Vice-Chair
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Clifford L. Bowen, P.E., M.ASCE
Jeanette A. Brown, D.Eng., P.E., D.WRE, F.ASCE
James B. Conboy, P.E.
Dale Gabel, P.E., M.ASCE

Yakir J. Hasit, Ph.D., P.E., M.ASCE
Conrad G. Keyes Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE
Melanie P. Lamb
Joe D. Manus Jr., Ph.D., P.E., D.WRE, F.EWRI, F.ASCE
Irwin M. Pikus
Alan K. Roberson
Kyle E. Schilling, P.E., D.WRE, Dist.M.ASCE

Professional WISE Training Subcommittee
Purpose: To develop webinars, and/or workshops for integration of risk reduction measures in water, wastewater, and stormwater systems, concerned with design, construction, rehabilitation, installation and operation of these systems relative to protecting against malevolent activities.

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Findlay G. Edwards, Ph.D., P.E., D.WRE, F.ASCE
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Gomes B. Ganapathi, F.ASCE
Yakir J. Hasit, Ph.D., P.E., M.ASCE

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Stacy Passaro
Irwin M. Pikus
Kyle E. Schilling, P.E., D.WRE, Dist.M.ASCE
Wes Strickland, Aff.M.ASCE
Jeffrey W. Talley, D.WRE
Michael Walden
Gregory J. Welter, P.E., M.ASCE
EWRI COMMITTEES

Online Contamination Monitoring Systems Task Committee

Purpose: Review and development of online contaminate monitoring systems documents for the guidance of security for facilities associated with the water, wastewater, and stormwater infrastructures.

James B. Conboy, P.E., Chair
Yakir J. Hasit, Ph.D., P.E., M.ASCE, Vice-Chair
Gregory J. Welter, P.E., M.ASCE, Secretary
Clifford L. Bowen, P.E., M.ASCE
Gomes B. Ganapathi, F.ASCE
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Daniel L. Lynch
Irwin M. Pikus
Kyle E. Schilling, P.E., D.WRE, Dist.M.ASCE
Charles R. Stack
James F. Wheeler, P.E., M.ASCE

Residuals Management Technical Committee

Purpose: To provide a forum for the study, review and dissemination of information related to all aspects of sludge treatment, utilization, reclamation and disposal. Sludge to be included are those produced in potable-water, non-potable water, wastewater reclamation, contaminated groundwater and related treatment systems in municipal and industrial applications.

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Keisha M. McKinnie, A.M.ASCE
Richard O. Mines Jr., Ph.D., P.E., FEWRI, FASCE
James E. Smith Jr., Ph.D., M.ASCE
Kwok-Wai R. Tsang, Ph.D., P.E., M.ASCE
Jianpeng Zhou, Ph.D., P.E.

Stormwater Infrastructure Committee

Purpose: To provide a forum for civil engineers, regulators, and other urban infrastructure professionals to explore the evolving technologies of non-point source stormwater, stream, and lake pollution treatment, conveyance, controls, and modeling. Website: http://www.ewri-swi.org

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Matthew D. Davis, S.M.ASCE
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Heidi A. Helmink
Keisha I. Isaac
Richard L. Johnson, A.M.ASCE
Charlene E. Johnston, P.E., M.ASCE
Ming T. Lee, Ph.D., P.E., FASCE
Vincent Lee, M.ASCE
Ken A. Mackenzie, P.E., M.ASCE
James R. Martin Jr., P.E., M.ASCE
Peter P. Mattejat, P.E., M.ASCE

Stormwater BMPs Maintenance Task Committee

Purpose: To further the current state of knowledge pertaining to operation and maintenance of structural stormwater best management practices (BMPs). The committee will seek input from engineers, designers, landscape architects, contractors, facility managers, and property owners. Further, the scope
of the committee will be to enhance design methodologies to allow for efficient, regular and effective maintenance and to provide contractors and owners with cost effective techniques to manage their stormwater infrastructure.

Blaine W. Linkous, M.ASCE, Chair
Kevin M. Flynn, P.E., M.ASCE, Vice-Chair
Michael T. Buechter, P.E., M.ASCE, Secretary
James ‘Cory’ LaNeave Jones, P.E., M.ASCE
Bao V. Chongtoua, P.E., M.ASCE
Mark W. Ellard, P.E., D.WRE, M.ASCE
Andy Erickson
John Gulliver
William Hunt

Guidelines for Certification of Manufactured Stormwater BMPs Joint Task Committee
Qizhong Guo, P.E., D.WRE, M.ASCE, Chair
Gordon B. England, P.E., D.WRE, M.ASCE, Vice-Chair
Charlene E. Johnston, P.E., M.ASCE, Secretary
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Jeffrey Benty
Graham J. Bryant, P.E., M.ASCE
Michael T. Buechter, P.E., M.ASCE
Ernesto C. Carrasco, A.M.ASCE
Yuan Cheng, Ph.D., P.E., M.ASCE
Frank Civian
Shirley E. Clark, P.E., D.WRE, M.ASCE
Matthew D. Davis, S.M.ASCE
Hans Debruijn
Thomas R. Decker, P.E., M.ASCE
Elizabeth A. Fassman, A.M.ASCE
Richard Field, P.E., D.WRE
Ray Frederick
Richard Gee
John S. Gulliver, Ph.D., P.E., F.ASCE
Jon Hathaway
Raymond Hozalski
William F. Hunt III, Ph.D., P.E., D.WRE, M.ASCE
Thomas A. Jacobs, P.E., M.ASCE
Shohreh Karimipour
Masoud Kayhanian, M.ASCE
Uday C. Khambammettu, A.M.ASCE
Jong-yeop Kim

Urban Stormwater Outreach Task Committee
Purpose: Currently a wide range of multiple journal and conference proceedings address issues of interest to EWRI members working in the multidisciplinary urban stormwater and similar fields. Scholarly papers of interest are currently published in journals to include Environmental Engineering, Irrigation and Drainage, Hydrologic and Hydraulic Engineering, Water Resources Planning and Management, Groundwater, and a possible new journal by UWRRC. Those involved with stormwater need a better delivery method to alert them to new knowledge that impacts their work. The purpose then of this committee is to explore nontraditional methods building off existing products to promote outreach to the profession.

Richard L. Johnson, A.M.ASCE
Michael D. Kimberlain, A.M.ASCE
Nathaniel P. Krause, P.E., M.ASCE
Michael A. Machutyr, P.E., M.ASCE
Peter P. Mattejat, P.E., M.ASCE
Michael A. Ports, P.E., D.WRE, D.NE, F.EWRI, F.ASCE
Bradley J. Wardynski, A.M.ASCE
Lamar A. Williams, A.M.ASCE
Jason Wright

Kevin Kirsch
Fariar Kohzad, Ph.D., P.E., C.Eng, M.ASCE
James H. Lenhart Jr., P.E., D.WRE, M.ASCE
Thomas Maguire
James T. Mailloux, A.M.ASCE
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Omid Mohseni, P.E., M.ASCE
Kenneth Murin
Kwabena Osei, A.M.ASCE
Ravi Patraju
Linda D. Pechacek, P.E., M.ASCE
Scott D. Perry, A.M.ASCE
Robert E. Pitt, P.E., D.WRE, M.ASCE
Srinivasan Rangarajan, P.E., D.WRE, M.ASCE
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Betty T. Rushton, A.M.ASCE
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Stuart M. Stein, P.E., D.WRE, M.ASCE
Walter G. Stein, M.ASCE
Thomas G. Stevens, P.E.
Scott Struck, A.M.ASCE
David Stum
Robert G. Traver, P.E., D.WRE, F.EWRI, M.ASCE
Don Wade
Greg Williams
Samuel T. Williams, P.E., M.ASCE
Grace Wong
Leonard Wright, Ph.D., P.E., D.WRE
Jy S. Wu, Ph.D., P.E.
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Scott Struck, A.M.ASCE  
Daniel L. Thomas, Ph.D., P.E., D.WRE, F.ASCE  
Aditya Tyagi, D.WRE, M.ASCE  
Bridget Wadzuk, A.M.ASCE  

Water Supply Engineering Technical Committee
Purpose: To provide a forum for civil engineers and other water supply professionals to consider the various aspects of water supply systems including collection, transmission, treatment, storage and distribution of potable water for human consumption. The committee will prepare policy statements, reports, papers, sponsor seminars and review existing and proposed regulations impacting the practices.

Arnold Strasser, P.E., M.ASCE, Chair  
Sridhar Kamojjala, P.E., M.ASCE, Vice-Chair  
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Hari K. Kapalavai, A.M.ASCE  
Srinivasa Lingireddy, P.E., M.ASCE  
Dennis R. Martenson, P.E., Pres., ASCE  
Chittaranjan Ray, P.E., D.WRE, F.ASCE  
James A. Roberson, P.E.  
Harold F. Wiedeman, P.E., M.ASCE  
David J. Williams, P.E., M.ASCE  

Wastewater Engineering Technical Committee
Purpose: To review, evaluate, encourage, and promote technology innovations and advancements in the wastewater collection and treatment systems.

JinSheng Huo, Ph.D., P.E., M.ASCE, Chair  
Berrin Tansel, Ph.D., P.E., D.WRE, FEWRI, F.ASCE, Vice-Chair  
Zhiyong Duan, Secretary  
Rafid M. Alkhaddar, Ph.D.  
Temesgen Garoma  
Hari K. Kapalavai, A.M.ASCE  
Karen J. Karvazy, P.E., M.ASCE  
La Vere B. Merritt, Ph.D., P.E., F.ASCE  
Daniel H. Yeh, P.E.  

Ttractive Force Implementation Task Committee
Purpose: Foster use of Ttractive Force Methodology in the design and analysis of gravity sanitary sewers.

La Vere B. Merritt, Ph.D., P.E., F.ASCE, Chair  
Thomas M. Walski, Ph.D., P.E., D.WRE, F.ASCE, Vice-Chair  
Kevin L. Enfinger, P.E., M.ASCE, Secretary  
Steven G. Buchberger, Ph.D., P.E., M.ASCE  
David A. Butler, P.E., M.ASCE  
Neal T. Colwell, P.E., M.ASCE  
Scott McDonald  

Hydraulics & Waterways Council
The mission of the Hydraulics and Waterways Council is to represent the Environmental and Water Resources Institute (EWRI) in technical matters pertaining to all aspects of hydraulic engineering of our nation’s natural and man-made environmental systems. The Council promotes responsible water resources management and protection to foster sustainability and enhancement of the environment through the development, collection and dissemination of information and technology regarding the advancements and application of hydraulic engineering.

Kevin D. Nielsen, Ph.D., P.E., M.ASCE, Chair  
Daniel G. Wren, Ph.D., M.ASCE, Vice-Chair  
Terry W. Sturm, Ph.D., P.E., M.ASCE, Journal Editor  
Blake P. Tullis, Ph.D., M.ASCE, Secretary  

Water, Wastewater & Stormwater Council Awards Committee
Michael A. Ports, P.E., D.WRE, D.NE, FEWRI, F.ASCE, Chair  
Jerry L. Anderson, Ph.D., P.E., D.WRE, FEWRI, F.ASCE, Vice-Chair  
David D. Dee Jr., P.E., D.WRE, M.ASCE, Secretary
Hydraulics & Waterways Council Awards Committee

Sedimentation Committee

Bridge Scour Task Committee
River Restoration Technical Committee

Purpose: For engineers and scientists engaged in the practice of river restoration/rehabilitation to network, collaborate, and advance the science and practice of river restoration through collegial relationships, presentations at conferences, and writing papers.

Fletcher D. Shields, Ph.D., P.E., D.WRE, F.EWRI, F.ASCE, Chair
Daniel W. Baker, Ph.D., A.M.ASCE, Vice-Chair
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Garey A. Fox, Ph.D., P.E., M.ASCE
Cidney J. Jones, S.M.ASCE
Kelly E. Lennon, P.E., M.ASCE
William Lucas
James G. Mac Broom, P.E., M.ASCE
Suzanne K. Monk, A.M.ASCE
Jennifer S. Mueller Price, P.E., M.ASCE

River Restoration Guiding Principles Task Committee

Purpose: There is a significant need to provide practitioners with clear guiding principles which lead to effective restoration within the context of competing economic, stakeholder, and watershed and land use constraints. This task committee will focus on developing a 10-15 page committee report, of suitable quality for potential publication in the Journal of Hydraulic Engineering, containing river restoration guiding principles. Review, evaluation, and synthesis of existing literature will be used to develop the guiding principles. Additionally, the vision and experience of task committee members will be used to complete the guiding principles.

Drew C. Baird, Ph.D., P.E., D.WRE, M.ASCE, Chair
James G. Mac Broom, P.E., M.ASCE, Vice-Chair
Michael T. Schwar, P.E., D.WRE, M.ASCE, Secretary
Patrick L. McMahon, S.M.ASCE

Interdisciplinary River Restoration Symposium Task Committee

Purpose: To investigate Manual of Practice using River Restoration Symposium with other discipline as a place to gather input and feedback on the proposal. The task committee will coordinate with other disciplines and look to jointly sponsoring a symposium with professionals from the biological, ecological, geomorphic and other areas of expertise, with the idea for either a Manual of Practice or guidance for the use of restoration methodology and applicability of each method.

Laura A. Wildman, P.E., M.ASCE, Vice-Chair
Drew C. Baird, Ph.D., P.E., D.WRE, M.ASCE
Gary E. Freeman, P.E., D.WRE, F.ASCE

Stream Restoration Educational Materials Task Committee

Purpose: To compile educational materials from existing short courses, certificate programs, and college programs, and then conduct a thorough examination of their strengths and shortcomings, material covered, course length, and the target audience. From this examination we will identify the current state-of-the-art in restoration education. Based on these results, we will then develop learning objectives for stream restoration education. These objectives will be cross-referenced against existing courses and programs. Finally, we plan to develop tools and methodologies to help disseminate information in a consistent and efficient manner. The final product will include: (1) a recommended curriculum based on needs (technicians, engineers, planners, ecologists, biologists, etc.), (2) a list of educator traits most properly suited to cover that curriculum (not specific individuals or institutions), and (3) logistics of where and how to most effectively disseminate information.

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Hans M. Tritico
Robert R. Woockman

Greg Jennings
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Hans M. Tritico

Garey A. Fox, Ph.D., P.E., M.ASCE
Rollin H. Hotchkiss, Ph.D., P.E., D.WRE, F.ASCE
Peggy A. Johnson, Ph.D., F.EWRI, M.ASCE
Peter R. Wilcock, M.ASCE
Theresa M. Wynn
Computational Hydraulics Technical Committee

Purpose: To be a conduit and source of information, and to promote understanding, regarding the latest methods, procedures, and applications related to hardware and software used in determining water and water quality characteristics and prediction in natural and artificial environments.

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George S. Constantinescu, M.ASCE
Yan Ding, Ph.D., M.ASCE
Guohong J. Duan, A.M.ASCE
Zhiguo He, A.M.ASCE
Pal A. Hegedus, P.E., D.WRE, M.ASCE
Yafei Jia, M.ASCE
Alfred Kalyanapu

Advancement of 3D Free-Surface Flow Model Verification and Validation Methodology Task Committee


Richard A. Schmalz, Ph.D., P.E., F.ASCE, Chair
Fabian A. Bombardelli, A.M.ASCE, Vice-Chair
Yan Ding, Ph.D., M.ASCE, Secretary

Hydraulic Measurements and Experimental Methods Committee

Purpose: To establish a focal point within ASCE to disseminate information on instrumentation and measurement methods and experimental techniques in the field of hydraulics. This is achieved by producing specialized publications and contributing to ASCE conference sessions and symposium proceedings.

Daniel G. Wren, Ph.D., M.ASCE, Chair
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Kenneth W. Frizzell, M.ASCE
Juan A. Gonzalez, P.E., M.ASCE
David B. Hill, M.ASCE
Alexander R. Horner-Devine, A.M.ASCE
Anne F. Lightbody
Kevin Oberg

Experimental Uncertainty and Measurement Errors Task Committee

Purpose: To provide general information and guidance on current practices used for describing and quantifying measurement errors and experimental uncertainty in hydraulic measurements and experimentation, including both field work and laboratory measurements.

Brian T. Wahlin, P.E., D.WRE, M.ASCE, Chair
Amanda L. Cox, Ph.D., P.E., M.ASCE

Hydraulic Structures Committee

Purpose: To promote and/or advance research, analysis, design, construction, operation and maintenance of state-of-the-art methodology associated with hydraulic structures. A hydraulic structure is...
defined as any civil feature that impounds (such as dams or dikes) or conveys (such as spillways, canals, levees, fish ladders, gates, locks, etc.) water. To accomplish this purpose, the committee proposes and organizes task committees and/or subcommittees to complete projects which advance the science. The committee promotes the technical exchange of ideas through sponsored sessions at conferences, publications of reports, papers, and monographs, and interaction with other professional and technical societies. In addition the committee forwards nominations for the Hydraulic Structures Medal to the EWRI Awards Committee.

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Hubert Chanson
Brian M. Crookston, A.M.ASCE
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Wade H. Goodridge, A.M.ASCE
Kenneth E. Hansen, P.E.
Walter E. Heyder, P.E., M.ASCE
Dennis A. Lyn, A.M.ASCE
Antonio Miglio, Ph.D., C.Eng, M.ASCE
Wade P. Moore, P.E., M.ASCE
Bruce C. Muller, P.E., M.ASCE
Kevin D. Nielsen, Ph.D., P.E., M.ASCE
John A. Replogle, Ph.D., P.E., D.WRE, FASCE
Kerry M. Robinson, P.E., M.ASCE
Periandros Samothrakis, P.E., C.Eng, M.ASCE
Wayne J. Stancill, A.M.ASCE
Richard L. Stockstill, Ph.D., P.E., FASCE
Christopher I. Thornton, P.E., M.ASCE
Laura A. Wildman, P.E., M.ASCE
Yifan Zheng, P.E., M.ASCE

Eco-Hydraulics Committee

Purpose: (a) To promote the study of the fluid mechanics of natural and engineered systems, with the aim of improving our understanding of such systems, and hence of our ability to predict reliably and ameliorate the impact of human intervention in the environment. (b) To encourage the transfer and application of understanding of fundamental transport processes and the consequent advancement of engineering practice and technology in the solution of problems with environmental consequences. (c) To enhance communication and collaboration between practitioners in relevant technical fields - notably hydraulicians, geologists, environmental chemists and biologists and the various professional societies, as well as the broader community, including regulators and society at large. Collective technical know-how is needed to best manage wetlands and small streams.

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Qian Liao, Vice-Chair
Sean J. Bennett, Ph.D.
Brian P. Bledsoe, P.E., M.ASCE
Tai D. Bui, M.ASCE
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Jie Cui
Nicole M. Czarnomski
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Dan Orth
Guillermo Palau Salvador, P.E.
Ingo Schnauder
Fotis Sotropoulos
Thorsten Stoesser, A.M.ASCE
Mark Stone
Alex Sukudolov
Youki Tanino
Catherine A. Wilson

In-Stream Structures for Aquatic Habitat Restoration Task Committee

Purpose: To provide suitable habitat for macroinvertebrates, fish and (e.g., needed flow, water quality and food availability for the fish to reproduce and live at different life stages) is one of the most challenging task in river engineering.

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John Nestler
Vegetated Channel Resistance Task Committee

Purpose: Natural and engineered water environments, including rivers, estuaries, flood plains and wetlands, include vegetation. The effects of vegetation on flow resistance, flooding, transport processes and water quality, and ecology are not well understood by researchers and practitioners. Methods that have been developed by researchers, such as methods for determining the effects of vegetation on bulk flow resistance and subsequent effects on flooding, have not been widely adopted by practitioners. There is a need to develop a comprehensive and well organized plan that identifies current gaps in our knowledge and understanding of vegetative resistance, and develops a plan for research that utilizes advanced experimental, numerical and analytical techniques. There is a need to transfer this knowledge and methods that can be applied for the evaluation of vegetative resistance effects by practitioners.

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Catherine A. Wilson

Fisheries Engineering Committee

Purpose: The primary purpose of establishing a Fisheries Engineering Committee is to create a professional ‘home’ for fisheries engineers and scientists within the American Society of Civil Engineers-Environmental and Water Resources Institute (ASCE-EWRI). Fisheries Engineering is a broad field that includes, but is not limited to, work and research in fish passage, fish screening, hydropower technology, habitat protection and restoration, fishing gear and bycatch reduction, and hatchery and aquaculture technology. This Committee will build upon the work of the Ad Hoc Committee on Fish Passage and will continue to foster communication and work on projects of common interest with the American Fisheries Society (AFS) Bioengineering Section.

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Sean F. Welch, P.E., M.ASCE
Laura A. Wildman, P.E., M.ASCE

Urban Water Resources Research Council

Purpose: To advance engineering knowledge and practice through stimulating and guiding research and assisting the financing thereof in the field of urban hydrology; to organize research projects; in cooperation with professional committees, to interpret the findings of research; and to make available information and recommendations resulting from such research. The Council shall study continuously the needs for new information in the subject field.

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Low Impact Development (LID) Committee

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Earl Shaver
Nian She
Leslie L. Shoemaker, A.M.ASCE
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Edmund Snodgrass
Green Roofs Task Committee
Purpose: To summarize state-of-practice of green roofs for stormwater control and provide guidance to engineers and municipalities on green roof design, operation, and maintenance.

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Charlene A. Harper, P.E.
William F. Hunt III, Ph.D., P.E., D.WRE, M.ASCE

Rainwater Harvesting Task Committee
Purpose: Recognizing that currently technical knowledge and guidance with respect to the benefits of the technology for use as a stormwater management (BMP) is limited, the Rainwater Harvesting Task Committee has been formed to address this matter. It will identify technical issues and research needs associated with preliminary national guidelines on the use of this technology.

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Christopher D. Houdeshel, S.M.ASCE
Matthew Jones, A.M.ASCE
Alfred Kalyanapu
Lauren Kolodij

Permeable Pavements Task Committee
Purpose: To provide technical guidance on the use of permeable pavement technology as a stormwater management BMP for water quality and hydrologic benefits. Currently, few state and local agencies have standards or guidelines that can be used for the design of these permeable pavement systems.

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Kathryn M. Gwilym, P.E., A.M.ASCE
Lisa Hair
Low Impact Development (LID) Computational Methods Task Committee

Purpose: To promote the acceptance and use of LID by facilitating the development of standards and specifications that are technically sound and can be readily modified and adapted by industry, research, and government organizations.

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Low Impact Development (LID) National Guidelines Task Committee

Purpose: To promote the acceptance and use of LID by facilitating the development of standards and specifications that are technically sound and can be readily modified and adapted by industry, research, and government organizations.

Neil A. Weinstein, M.ASCE, Chair
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Low Impact Development (LID) Bioretention Technology Task Committee

Purpose: Since its initial development and application in 1993 (Clar, 1993), the Bioretention system also referred to as “raingardens” has rapidly become one of the most versatile and widely used BMPs throughout the US and many parts of the world. It has recently become identified as a preferred site practice for green building design and LEEDS certification. Despite the rapid acceptance of this BMP throughout the US, detailed design guidance is not currently available for many regions of the US. An initial Bioretention Design Manual (Clar, 1993) was developed for Prince George’s County, Maryland in 1993. The guidance contained in this manual was subsequently incorporated by the State of Maryland in the 2000 Stormwater Management Design Manual (MDE, 2000). Many state and local governments have adopted the Bioretention guideline published by MDE, often without modifying the guidelines for local conditions, or without a good understanding of the range or limitations of this BMP. The committee was formed to address this need with representatives from the various regions of the US to conduct a science based assessment of the existing technology associated with the design and construction of Bioretention systems.

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Keith Lichten, P.E., M.ASCE
Tom Liptan

Bioswales and Filter Strips Task Committee

Purpose: Currently multiple proceedings address issues needed by EWRI members working in the storm water field. Those individuals need a better delivery system to be kept on top of new and changing research in the storm water field for bioswales and filter strips. The committee intends to reach out to members and other committees with expertise in this area and will invite all councils/committees to join in.

Steven D. Trinkaus, P.E., M.ASCE, Chair
William F. Hunt III, Ph.D., P.E., D.WRE, M.ASCE, Vice-Chair

Green Highways and Green Streets Task Committee

Purpose: To promote the understanding and use of Green Highways and Green Streets for use in addressing Wet Weather Flow regulatory and management issues in all regions of the US. This committee will focus on the integration of water quality and stormwater features into the linear transportation environment. The effort will include work on state DOT and local government roads so that research, regulatory efforts, and partnerships can be formed between federal, state, and local government agencies. Green Highways and Streets are also part of the Context Sensitive solutions at the local level because of the integration of environmental and Low Impact Development (LID) features into the planning and design of the streetscape. The committee will also work with other committees within ASCE and outside organizations, such as AASHTO, on the development of planning and design strategies.

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Bethany E. Eisenberg, A.M.ASCE

Green Highways Partnership (GHP) Subcommittee

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Marcus M. Quigley, D.WRE, M.ASCE

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Jeffrey M. Seltzer, P.E.

Green Highways and Streets Literature and Innovation Subcommittee

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Liv M. Haselbach, M.ASCE
Hunter J. Loftin, P.E., M.ASCE
LID Technology for Combined Sewer Task Committee

Purpose: To review, organize and document the state of the art related to the application of Low Impact technology for the control of Combined Sewer Overflows.

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FEWRI, FASCE

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Greg Williams

Scale Up Subcommittee

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Kwabena Osei, A.M.ASCE
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Mark B. Miller
Omid Mohseni, P.E., M.ASCE
Scott D. Perry, A.M.ASCE
Pathogens in Wet Weather Flows Task Committee
Purpose: To work to develop several sessions, including a panel discussion for the 2008 EWRI World Environmental & Water Resources Congress and a specialty conference that helps to promote the use of a sound scientific basis for identifying sources of bacteria and quantifying their respective load contributions to wet weather flows. Topics will examine and summarize the current body of research and data gaps relative to the use of indicators as surrogates for quantifying virulent pathogens; identification of source contributions from prior to pipe discharge and after discharge into the receiving stream; load calculations; treatment options; and derivation and use of water quality standard stream. Recommendations will be presented to address bacteria in wet weather flows.

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Garey A. Fox, Ph.D., P.E., M.ASCE
James W. Gracie, Aff.M.ASCE
John C. Hayes, P.E.

Urban Watershed Management Committee
Purpose: To foster the development of improved or advanced urban watershed management and best management practices (BMPs).

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Elizabeth A. Fassman, A.M.ASCE
Kathlie S. Jeng-Bulloch, Ph.D., P.E., D.WRE, CFM, M.ASCE
James H. Lenthart Jr., P.E., D.WRE, M.ASCE
Jiri Marsalek
Jeff C. Moeller, P.E.

International Urban Watershed Management Conference Task Committee
Purpose: To help organize, develop and market the 6th International Conference on Urban Watershed Management. EWRI will be a cosponsor of the conference.

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Pen-Chi Chiang, P.E., D.WRE, A.M.ASCE
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Elizabeth A. Fassman, A.M.ASCE
Shoichi Fujita
Chin Pao Huang, Ph.D., P.E., D.WRE, M.ASCE
Jonathan E. Jones, P.E., D.WRE, M.ASCE
Jan-Tai Kuo, P.E., D.WRE

Public Safety Considerations for Design, Operation and Maintenance Task Committee
Purpose: To raise awareness of safety considerations associated with drainage and water quality infrastructure.

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Barnabas R. Urbonas, P.E., M.ASCE, Vice-Chair
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Jane K. Clary

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Thomas P. O’Connor, P.E., M.ASCE
Michael A. Ports, P.E., D.WRE, D.NE, F.EWRI, F.ASCE
Srinivasan Rangarajan, P.E., D.WRE, M.ASCE
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Anthony N. Tafuri, P.E., D.WRE, M.ASCE
Shaw Lei Yu, Ph.D., M.ASCE

Wan M. Nawang, P.E., M.ASCE
Say-Leong Ong, D.WRE
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Alexander C. Rowney, P.E., D.WRE, F.EWRI, M.ASCE
Anthony N. Tafuri, P.E., D.WRE, M.ASCE
Shaw Lei Yu, Ph.D., M.ASCE

Thomas A. Earles, D.WRE, M.ASCE
Richard Field, P.E., D.WRE
James C. Guo, P.E.
William Hunt
Ken A. Mackenzie, P.E., M.ASCE
Ian B. Paton, P.E., M.ASCE
Robert E. Pitt, P.E., D.WRE, M.ASCE
Marcus M. Quigley, D.WRE, M.ASCE
Robert G. Traver, P.E., D.WRE, F.EWRI, M.ASCE

**Global Outreach Committee**

Alexander C. Rowney, P.E., D.WRE, F.EWRI, M.ASCE, Chair
Jiri Marsalek, Vice-Chair
Fidelia N. Nnadi, Ph.D., P.E., D.WRE, M.ASCE, Secretary
Ashraf S. Elkhadrawy, P.E.
Richard Field, P.E., D.WRE

**MENA Technical Interchange Task Committee**

Ghina M. Yamout, A.M.ASCE, Chair
Fidelia N. Nnadi, Ph.D., P.E., D.WRE, M.ASCE, Secretary
Ashraf S. Elkhadrawy, P.E.

**Sub-Saharan Africa Technical Interchange (ATI) Task Committee**

Fidelia N. Nnadi, Ph.D., P.E., D.WRE, M.ASCE, Chair
Ashraf S. Elkhadrawy, P.E., Co-Chair
Ghina M. Yamout, A.M.ASCE, Secretary

**Urban Streams Committee**

Donald W. Baker, P.E., D.WRE, M.ASCE, Chair
Sue L. Niezgoda, P.E., M.ASCE, Vice-Chair
Louise Slate, P.E., M.ASCE, Secretary
William K. Annable, P.E., M.ASCE
Kirk R. Barrett, P.E.
Donald D. Carpenter, P.E., M.ASCE
Michael L. Clar, P.E., D.WRE, M.ASCE

**Urban Hydrology Task Committee**

Donald W. Baker, P.E., D.WRE, M.ASCE, Chair

**Purpose:**

- Global Outreach Committee: To work in developing a session and/or specialty conference that helps promote the need for "technology exchange with the Middle East and North Africa Countries".
- MENA Technical Interchange Task Committee: Purpose: To work in developing a session and/or specialty conference that helps promote the need for "technology exchange with the Middle East and North Africa Countries".
- Sub-Saharan Africa Technical Interchange (ATI) Task Committee: Purpose: This committee will work in developing a specialty conference in Nigeria that will help promote technology interchange in Water Resources for countries in Africa.
- Urban Streams Committee: Purpose: To work in developing a session and/or specialty conference that helps promote the need for "technology exchange with the Middle East and North Africa Countries".
- Urban Hydrology Task Committee: Purpose: To work in developing a session and/or specialty conference that helps promote the need for "technology exchange with the Middle East and North Africa Countries".
Urban Stream Restoration Monitoring and Assessment Task Committee

Purpose: To develop a planning framework that identifies key assessment tools necessary for the stream restoration practice in urban streams, and generate a task committee report as a manuscript for publication in ASCE JWRPM.

John S. Schwartz, P.E., M.ASCE, Chair
Sue L. Niezgoda, P.E., M.ASCE, Vice-Chair
Louise Slate, P.E., M.ASCE, Secretary
William R. Annable, P.E., M.ASCE
Kenneth R. Avery, P.E., D.WRE, M.ASCE
Donald W. Baker, P.E., D.WRE, M.ASCE
Brian P. Bledsoe, P.E., M.ASCE
Donald D. Carpenter, P.E., M.ASCE
Joanna C. Curran, A.M.ASCE
James W. Gracie, Aff.M.ASCE

Edwin E. Herricks
W Cully Hession, P.E., M.ASCE
Laura L. Keefer, Aff.M.ASCE
Greg Koonce
James MacBroom, P.E.
Christine A. Pomeroy, Ph.D., P.E., M.ASCE
Michael T. Schwar, P.E., D.WRE, M.ASCE
Mark R. Tompkins, P.E.
Theresa M. Wynn
The American Society of Civil Engineers (ASCE) created the Geo-Institute (G-I) in October 1996. The Geo-Institute is an organization of individual geoprofessionals, organizational members, and affiliated local Chapters that are members of ASCE sections and branches, and affiliated graduate student organizations located at colleges and universities. Geoprofessionals include engineers, scientists, engineering geologists, and technologists who have technical interests in soil, rock, and the fluids they contain and who have as a common goal the application of that interest to the improvement of the environment, the mitigation of natural hazards, and the economical construction of engineered facilities.

**Goal:** The primary goal of the Geo-Institute is to advance the geoprofessional community.

**Vision:** The G-I's vision over the upcoming five years centers around four primary areas.

- Being a more member-centric association
- Being the primary source of career development support for geoprofessionals
- Building collaboration among groups serving our profession, and
- Developing a stronger business model

**Values to Maintain:** The G-I recognizes that key values for the geoprofession need to be maintained including the following:

- Long-standing high-level reputation within the geoprofession
- Overall best source of information and networking for our profession
- High value publications for the membership, and
- An international, national, and local presence

**Strategies:** The G-I is envisioning the following key strategies over the upcoming five years to realize its vision:

- Reviewing existing membership demographic data
- Gathering feedback formally and informally from members and leaders who support our members
- Surveying our members
- Being more responsive to member feedback
- Creation of a destination website;
- Making the Geo-Congress more effective in promoting career development and serving the needs of the profession;
- Assembling the best professional development resources;
- Seeking joint activities with The Geoprofessional Business Association;
- Formalizing an alliance with the Federal Highway Administration;
- Maintaining and expanding our current alliances;
- Investigating alternative conference and subscription models
- Assessing potential for new revenues tied to the creation of new web resources;

The Geo-Institute serves as the United States of America member society of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE).

The Geo-Institute is led by a Board of Governors (BoG) consisting of eight voting and one nonvoting member. The nonvoting governor is the Geo-Institute Director who serves as board Secretary. The International Secretary to the ISSMGE frequently attends Board of Governors meetings.

The 2014 Board of Governors members are:

- William M. Camp III, P.E., D.GE, M.ASCE, President
- Allen W. Cadden, P.E., D.GE, F.ASCE, Vice-President
Patricia J. Culligan, Ph.D., M.ASCE, Treasurer
Craig H. Benson, Ph.D., P.E., D.GE, NAE, F.ASCE, Past President
Garry H. Gregory, Ph.D, P.E., D.GE, M.ASCE
Barbara A. Luke, Ph.D., P.E., D.GE, F.ASCE
William F. Marcuson, Ph.D., P.E., D.GE, NAE, Pres.07.ASCE
Kord Wissmann, Ph.D., P.E., D.GE, M.ASCE
Robert Schweinfurth, Aff.M.ASCE, Secretary
Additional information about Geo-Institute strategic plan, committees and activities can be obtained by contacting the Geo-Institute at ASCE Headquarters at 1-800-548-ASCE (2723) ext. 6350, or by visiting the G-I Web page at http://www.asce.org/geo.
Geo-Institute Bylaws

ARTICLE 1. NAME

1.0 Name. The name of this Institute shall be The Geo-Institute, hereinafter referred to as the “Geo-Institute,” of the American Society of Civil Engineers, hereinafter referred to as the “Society.”

ARTICLE 2. PURPOSE/VALUES/SCOPE

2.0 Purpose: The core purpose of the Geo-Institute is to advance the geo-engineering community.

2.1 Values: The core values of the Geo-Institute are: responsiveness to members’ needs, ethical behavior, service to the profession and the society, innovation, technical excellence and inclusiveness.

2.2 Scope: The scope of the Geo-Institute shall encompass the geo-science, geo-engineering, and geotechnology related to improving the built environment, mitigating natural hazards, and constructing engineered facilities.

ARTICLE 3. ORGANIZATION

3.0 Organization. The Geo-Institute is organized within the Society. All policies and activities of the Geo-Institute shall be consistent with and subject to:

3.0.1 Society’s Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure, and Code of Ethics;

3.0.2 applicable federal, state, and local antitrust, trade regulation, and other laws, regulations and legal requirements;

3.0.3 all requirements to maintain the status of the Society as a not-for-profit organization exempt from federal income tax under sections 501(a) and 501(c)(3) of the Internal Revenue Code of 1954 (hereinafter referred to as “the Code”) qualifying at all times as an organization to which deductible contributions may be made pursuant to applicable sections of the Code;

3.0.4 all requirements imposed by the relevant jurisdiction for the maintenance by the Society of any license, permit, or authority it may hold to conduct activities and do business as a foreign not-for-profit corporation within that jurisdiction; and

3.0.5 such other policies and procedures as are authorized under these documents.

3.1 Relationships with Other Associations and Federations. The Geo-Institute may form relationships with other groups and may serve as the United States of America member society to various international organizations, as approved by the Geo-Institute.

ARTICLE 4. MEMBERSHIP

4.0 Membership Qualifications. Membership shall be open to any Society member in good standing as well as to other persons who are interested in advancing the goals and purposes of the Geo-Institute, and who meet the qualifications defined below:

Regular (or “full”) membership is open to individuals who can demonstrate one (1) or more of the following qualifications:

a. A baccalaureate degree in engineering, the physical sciences, the life sciences or mathematics; or

b. Two (2) years of full-time-equivalent study in any discipline at a college or university plus five (5) additional years of experience in the geo-industry. Up to two (2) additional years of full-time-equivalent study in a university may be counted as two (2) years’ experience in the geo-industry; or

c. Eight (8) years of experience in the geo-industry; or

d. Any Society member in good standing who enrolls in the Geo-Institute according to procedures established by the Society and the Geo-Institute.

Student membership is open to full-time students pursuing a post-baccalaureate degree in engineering, the physical sciences, the life sciences or mathematics and undergraduate students enrolled in civil or geological engineering programs.
Organizational membership is open to associations, government agencies, and corporations interested in advancing the object of the Institute. Organizational membership does not imply that all members of the organization are members of the Geo-Institute.

Premier organizational membership is open to associations, government agencies, and corporations interested in advancing the scope of the Institute. Premier Organizational membership does not imply that all members of the organization are members of the Geo-Institute. Premier Organizational members benefit from access to exclusive client-oriented events hosted by the Geo-Institute.

4.1 Member Participation

Members in good standing may be appointed to and participate on Geo-Institute committees. Regular members in good standing may vote on all Geo-Institute procedural issues and in elections put forth for the general membership, and may qualify for an elected position on the Board of Governors after holding membership in the Geo-Institute for a period of one (1) year. A Member whose dues are not in arrears shall be considered in good standing.

4.2 Non-Member Participation

4.2.1 Non-members of the Geo-Institute may participate as non-voting members on the Geo-Institute’s committees and task forces.

4.2.2 Non-members of the Geo-Institute may participate as voting members of the Geo-Institute’s Standards Committees.

4.2.3 Conferences and other organized activities of the Geo-Institute shall be open to all persons with an interest in the geo-industry through payment of designated fees.

4.3 Admission of Members

Applicants shall be admitted to membership in the Geo-Institute in such manner as the Geo-Institute Director may direct according to the policies and criteria determined by the Board of Governors. Admission decisions made by Geo-Institute or Society staff, under the direction of the Geo-Institute Director, are subject to review by the Membership Committee and/or Board of Governors. All Society members in good standing are eligible for Geo-Institute membership, and shall be admitted according to procedures established by the Geo-Institute Director and the Society.

4.4 Resignation

Any member of the Geo-Institute in good standing may resign by a written communication to the Geo-Institute Director.

4.5 Expulsion

Any member may be expelled from the Geo-Institute for conduct in violation of the Bylaws, or the Society’s Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure or Code of Ethics, as applicable, or for conduct which, in the opinion of the Board of Governors, is improper and prejudicial to the best interest of the Society or the Geo-Institute. Except in any case to which the third paragraph of this Section applies, a decision to expel shall be preceded by a fair hearing at a meeting of the Board of Governors.

Separation from membership in the Geo-Institute and disciplinary proceedings shall generally follow the procedures outlined in the Society’s Bylaws, except that in any case to which the third paragraph of this Section does not apply, the Geo-Institute Board of Governors acts on behalf of the Geo-Institute. Decisions of the Board of Governors shall not be open to appeal except in cases involving recommendation by the Board of Governors to expel a Society member, in which cases appeal may be made to the Society Board of Direction, whose decision is final.

Cases involving Society members accused of violating the Society Code of Ethics shall be referred to the Society Committee on Professional Conduct for determination on behalf of the Geo-Institute as provided in the Society’s Bylaws, in lieu of the Geo-Institute’s Board of Governors.

ARTICLE 5. DUES

5.0 Dues. Membership dues shall be established by the Board of Governors.
5.1 **Payment of Dues.** The annual dues payable by the Geo-Institute membership, as of January 1 of each calendar year, shall be as follows:

- Individual Non-Society Member: $105
- Individual Society Member: Included in Society dues and subject to fee if additional Institute
- Organizational Member: $1000
- Premier Organizational Member: $2000
- Student Member: $0

5.2 **Delinquency.** Not later than December 1 of each year, the Institute Director shall mail to each Geo-Institute member, at the latest address known to the Institute, a statement of current indebtedness, if any, of the Institute member and the amount of dues for the ensuing calendar year. Regular and timely payment of membership dues is a condition of continued membership in the Geo-Institute, unless a member shall have been relieved from the payment thereof by the Board of Governors.

5.3 **Penalties.** Any Geo-Institute member whose dues are more than three (3) months in arrears shall be so notified by the Institute Director and shall lose the right to receive publications normally furnished without charge to Geo-Institute members in good standing. A Geo-Institute member whose dues are six (6) months in arrears shall lose the right to vote. The Institute Director shall notify a Geo-Institute member whose dues become nine (9) months in arrears. Any Geo-Institute member whose dues become twelve (12) months in arrears shall forfeit connection with the Geo-Institute provided, however, that the Board of Governors, for cause deemed by it to be sufficient, may extend the time of payment of dues and for the application of those penalties. No dues will be refunded.

5.4 **Remission of Dues.** The Board of Governors, for cause deemed by it to be sufficient, may excuse any Institute member from the payment of annual dues, temporarily or permanently; may remit the whole or any part of the dues which may be in arrears; and may remove any name from the list of those permanently excused from the payment of dues.

### ARTICLE 6. BOARD OF GOVERNORS

6.0 The affairs, activities, and concerns of the Geo-Institute shall be under the direction of a Board of Governors, hereinafter referred to as the “Board,” consisting of between seven (7) and nine (9) members.

6.1 **Composition of the Board.** At all times, at least five (5) Governors shall have been nominated and elected under the direction of the Nominations and Elections Committee according to the Geo-Institute Bylaws and procedures established by the Geo-Institute. The Board of Governors may appoint up to three (3) additional Governors. One (1) additional Governor shall be appointed by the Society’s Board of Direction.

Each elected Governor shall be a member in good standing of the Geo-Institute for a period of at least one (1) year prior to election, unless waived by the Board. Each appointed Governor, must be a member in good standing of the Geo-Institute at the time of appointment. All governors shall be members of the Geo-Institute in good standing throughout his/her/their service as a Governor. The Geo-Institute Director shall serve as a non-voting Governor and as the Secretary to the Board. Failure to meet the aforementioned qualifications shall be grounds for removal as a Governor.

6.2 **Nominations, Elections, and Appointments.** Geo-Institute nominations and elections shall be directed by a Nominations and Elections Committee, hereinafter referred to as “the Committee,” which has the responsibility of developing nominations for the Board and directing the elections. One (1) new governor shall be elected each year. Governors appointed by the Society’s Board of Direction, shall be appointed every other year and serve a two (2) year term.

6.2.1 A Nominations and Elections Committee shall be appointed annually by the Board. The Committee shall consist of five (5) members, constituted as determined by the Board. All five (5) members of the Committee shall be individual members in good standing of the Geo-Institute, and at least three (3) members of the Committee shall not be current Governors. The Vice-President of the Geo-Institute shall be a member of the Committee and serve as the chair of the Committee.
6.2.2 The Nominations and Elections Committee shall solicit and receive nominations from the general membership of the Geo-Institute. Such nominations shall be received in the form of a nominating letter to the Committee. No member of the Committee may be nominated.

6.2.3 The Committee shall submit to the Board of Governors a list bearing the names of one (1) or more recommended nominees for each open position. Nominees shall be selected in accordance with the Geo-Institute Procedure for the Nomination and Election of Governors of the Geo-Institute and shall be fully informed of the duties and requirements of the office, and shall consent to their nominations. Geographic distribution and representation of the full technical scope and professional function of the Geo-Institute shall be considered in the Committee’s recommendation. The Board is then charged with selecting one (1) individual for each open position from the Committee’s list of recommended nominees to appear on the ballot.

6.2.4 If the Committee submits only one (1) nominee for each open position and that individual receives at least eighty percent (80%) support from the Committee, the Committee’s recommendation does not require Board approval and the individual’s name shall appear on the ballot. In the event this occurs, the Board of Governors may authorize a candidate of its own, provided the individual selected meets the qualifications for a Governor, to appear on the ballot in addition to and along with the Committee-approved nominee.

6.2.5 Once the ballot is announced to the general membership in the official Geo-Institute publication or other appropriate means to include the worldwide web, a petition process shall be permitted, with oversight from the Committee, to allow members to add candidates to the ballot.

6.2.6 A ballot bearing the names and brief biographical sketches of all candidates shall be submitted to the membership for their vote, and members shall have thirty (30) days to return their ballot. Write-in candidates shall not be accepted. The candidate(s) receiving the most votes shall become the Governor(s)-Elect. In the event of a tie, selection shall be made by the Board of Governors from the persons so tied.

6.2.7 In the event there is only one (1) candidate on the ballot for each open position after the deadline for petitions is passed, the Board shall have the authority to certify the election results without balloting the membership. The candidate(s) will then become the Governor(s)-Elect.

6.2.8 Each nominee must file a written notice with the Geo-Institute Director prior to the election stating the nominee will serve if elected.

6.3 Term of Office. The term of office of each elected Governor shall be three (3) years and the Governor may be reelected or appointed. The term of office for appointed Governors shall be two (2) years. Previously appointed Governors are eligible to be elected to a single three (3) year term. The term of any Governor shall commence at the end of the annual meeting of the Board at which the term of the Governor’s predecessor expires, except in cases where a Governor is appointed to complete an unexpired term. Individuals sitting on the Board as non-voting members shall remain on the Board so long as they remain engaged in their respective capacities.

A Governor may resign at any time by giving written notice of such resignation to the Secretary of the Board.

Any elected officer or Governor shall continue service unless earlier having resigned or been removed, until a successor qualifies and takes office.

6.4 Vacancies. Whenever any vacancy occurs in an elected position of the Board, other than by expiration of a Governor’s term, it shall be filled without undue delay for not longer than the unexpired remainder of the term as a direct appointment of the remaining Governors.

Whenever any vacancy occurs in an appointed position of the Board, other than by expiration of a Governor’s term, it shall be filled for the remainder of the term without undue delay as a direct appointment of the original appointing body.

6.5 Meetings

6.5.1 Regular Meetings. There shall be a minimum of one (1) Regular Meeting of the Board scheduled each year. Other Regular Meetings may be called by the President, as needed, or by a majority of the Governors. All Governors shall be given at least thirty (30) days notice of Regular Meetings. Notice may be given personally, by first class mail, confirmed facsimile, or by confirmed electronic mail. Agenda items shall be filed with the Secretary in advance of the meeting.
according to a timetable determined by the Secretary in concert with the President, and the agenda shall be sent to Governors at least five (5) business days in advance of the meeting.

6.5.2 Special Meetings. Special Meetings of the Board may be called by the President, Vice-President or Secretary at any time upon the request of any two (2) Governors. All Governors must be given at least five (5) days notice of a Special Meeting. Special Meetings shall be limited in scope to the issue or issues specified in the meeting notice.

6.5.3 Quorum. At all Regular or Special Meetings of the Board, a simple majority of the voting Governors shall be sufficient to constitute a quorum for the transaction of business, and the act of a simple majority of the Governors present at any regular or Special Meeting at which there is a quorum shall be the act of the Board, except as may be otherwise specifically provided by these Bylaws or other applicable instrument or law. If at any such meeting there is less than a quorum present, the presiding officer shall adjourn the meeting to another time and place.

6.5.4 Action Without a Meeting. Any action required to be taken at a meeting of the Board, or any action that may be taken at a meeting of the Board, may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all Governors and be filed with the minutes of the meetings.

6.5.5 Meeting Participation by Alternative Means. Members of the Board may participate in any meeting of the Board by conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other, and such participation in a meeting shall constitute attendance at the meeting.

6.5.6 Absences from the Meetings of the Board. Any Governor who does not attend two (2) consecutive meetings of the Board will be automatically removed from the Board as of the conclusion of such second meeting, unless retained by the majority vote of the Board before the conclusion of such second meeting.

6.5.7 The Geo-Institute Director or designee shall be present at all meetings of the Board, except for Executive Sessions of the Board, for which the Geo-Institute Director may or may not be present, as the Board may direct.

6.6 Compensation. Members of the Board, as such, shall not receive any salary or other compensation for their services as Governors, but they shall be entitled to reimbursement of reasonable expenses, if any, incurred by them as Governors, under procedures established by the Board. Nothing herein shall be construed to preclude any Governor from serving the Geo-Institute in any other capacity and receiving compensation for service in that capacity.

ARTICLE 7. OFFICERS

7.0 Officers. The officers of the Geo-Institute shall be the President, Vice-President, Secretary and Treasurer.

7.1 Election and Term of Office. The President, Vice-President, and Treasurer of the Geo-Institute shall be Governors. The Vice-President and Treasurer shall be elected annually by a simple majority vote of the Board. The Vice-President shall be considered the President-Elect and shall assume the office of the President the following year. The Vice-President and Treasurer shall have been an elected Governor for at least one (1) year. The President, Vice-President, and Treasurer may hold appointed Governor positions near the end of their term of office.

7.2 Duties. The President shall be responsible for the general supervision of the affairs of the Board. The President shall preside at all meetings of the Board and of the members of the Geo-Institute. The President may call special meetings of the Board or of the members as may be deemed proper and according to the policies and guidelines as set forth by these Bylaws and by the Board.

The President shall be empowered to appoint any committees and chairpersons for those committees as deemed necessary for the effective functioning of the Geo-Institute, subject to approval of the Board.

The President or the appointed designee shall attend regular and special meetings of the Society’s Board of Direction, and report at such meetings on Geo-Institute affairs, if and as from time to time requested by the Society’s Board of Direction or by the Society’s President or Executive Director.
In the absence of the Geo-Institute President, or in case of the President’s inability from any cause to act, the Vice-President of the Geo-Institute shall perform the duties of the President. In the case of the President’s death, resignation, or withdrawal from office, the Vice-President shall become President.

In case of the Vice-President’s inability from any cause to act, a replacement shall be appointed by the Geo-Institute President with the approval of a simple majority of the Board members present and voting.

The Treasurer shall monitor management of the financial affairs of the Geo-Institute by the Geo-Institute Director, who shall prepare and present quarterly financial reports to the Board of Governors and at the annual meeting of the Geo-Institute.

In case of the Treasurer’s inability from any cause to act, a replacement shall be appointed by the Geo-Institute President with the approval of a simple majority of the Board members present and voting.

The Secretary is the Geo-Institute Director. The Institute Director supervises the affairs of the Geo-Institute according to the policies and directions given by the Board. The Secretary shall give notice of, attend and insure minutes are kept of all meetings of the Board, unless excused by the Board therefrom; shall have custody of the minutes; shall approve and admit members of the Geo-Institute, consistent with the Board policy; shall maintain records of the Geo-Institute’s income and expenditures and be prepared to present an accounting thereof to the Board of Governors, to the membership, officers, or any duly authorized person or persons when directed to do so by the Board; and shall perform other such duties and have other such powers as may from time to time be delegated by the Board.

7.3 Removal. Elected officers may be removed from office by a two-thirds (2/3) vote of the Board.

7.4 Institute Director. The Geo-Institute Director is appointed, and can be removed, with or without cause, by the Executive Director of the Society after consultation with the Board of Governors. The Geo-Institute Director receives policy, program, and budget direction from the Geo-Institute Board and is responsible for the day-to-day management of the Geo-Institute.

The Geo-Institute Director shall appoint all Geo-Institute staff, independent contractors, and other suppliers and agents, subject to direction by the Board of Governors. In making such appointments, he/she shall comply with the human resources policies and procedures of the Society, which shall be applicable to and binding on the Geo-Institute.

ARTICLE 8. RELATIONSHIP WITH THE INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

8.0 Representative to the ISSMGE. The Geo-Institute shall be the United States of America Member Society of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) or its successor.

8.1 International Secretary. The Board shall select an International Secretary to serve a four (4) year term, which may be renewed at the discretion of the Board. The terms shall begin and end in the odd numbered year in which an ISSMGE conference is normally held. The International Secretary shall not be selected from the membership of the Board, but shall meet with the Board as requested. The International Secretary may be removed at any time by a two-thirds (2/3) majority vote of the Board.

8.2 Duties of the International Secretary. The International Secretary shall serve as the formal liaison between the Geo-Institute and its Board and the ISSMGE. In addition, the International Secretary shall perform the specific duties and responsibilities prescribed by the Geo-Institute.

8.3 ISSMGE Dues. The Board shall be responsible for the annual payment of United States of America Member Society dues to the ISSMGE, as established by the ISSMGE Council.

8.4 Duties and Appointments. The Board shall designate delegates to represent the United States on the ISSMGE Administrative Council; cooperate in the organization and conduct of periodic international conferences, both regional and worldwide; recommend members to serve on ISSMGE technical committees; and, when requested, submit the current list of Geo-Institute ISSMGE members, their occupations, and addresses for publication in the ISSMGE List of Members.
8.5 **ISSMGE Trust Fund.** The ISSMGE Trust Fund was established as an endowment fund with the residual monies from the XI International Conference on Soil Mechanics and Foundation Engineering held in San Francisco in 1985. The purpose of the endowment is to provide funds to finance the administration and international activities of the United States of America Member Society of the ISSMGE (i.e., the Geo-Institute), and to foster national and international programs that enhance the profession of geotechnical engineering.

8.6 **Administration of the ISSMGE Trust Fund.** The ISSMGE Trust Fund shall be administered by the Board of Governors of the Geo-Institute. The day-to-day activities and expenditures of the ISSMGE Trust Fund shall be managed by the International Secretary, who shall annually prepare a proposed budget for approval by the Board, and an annual report of income and expenses.

8.7 **Integrity of the ISSMGE Trust Fund.** The ISSMGE Trust Fund, and earnings therefrom, is an entity under the sole control of the Geo-Institute as the United States of America Member Society of the International Society for Soil Mechanics and Geotechnical Engineering. When and if the Geo-Institute (which is designated herein as the Member Society) is ever dissolved, the control of this fund shall be vested in the duly named representatives of the United States of America Member Society.

**ARTICLE 9. MEMBERSHIP MEETINGS**

9.0 **Annual Membership Meeting.** A general meeting of the membership shall be held each year to conduct any business that might properly come before the Geo-Institute. This meeting shall be encouraged to be held at the annual conference of the Geo-Institute. A minimum attendance of twenty-five (25) Regular Members shall constitute a quorum for the annual general meeting of the Geo-Institute.

At any Annual Membership Meeting, the membership, without notice and by a two-thirds (2/3) vote, may modify or change the rules as to order of business at that meeting.

9.1 **Special Meetings.** Special Meetings of the Geo-Institute membership may be called by the Board at any time. At such meetings, the requirement for a quorum remains the same as described above.

9.2 **Notice.** The Board must give Members at least thirty (30) days notice of all Annual and Special Meetings. The notice must include a description of the business to be conducted.

9.3 **Voting.** A majority of Regular Members where a quorum is present is necessary to make a decision except where some other number is required by law or by these Bylaws. Proxy voting is not permitted. Mail voting is permitted.

**ARTICLE 10. FINANCE**

10.0 **Fiscal Year.** The fiscal year of the Geo-Institute shall be from October 1 through September 30.

10.1 **Assets.** All assets held by or for the Geo-Institute are vested in the Society with the exception of the ISSMGE Trust Fund, and shall be handled according to its fiscal policies.

10.2 **Fiscal Responsibility.** The Geo-Institute Board, with due responsibility to the Society’s Board of Direction, shall oversee the funds and assets of the Geo-Institute and shall direct the Geo-Institute Director in their management. Neither the Geo-Institute nor any individual Governor, officer, member, employee, or representative thereof shall have any authority, as such, to contract debts for, pledge the credit of, or in any way financially bind the Society.

10.3 **Geo-Institute Budget.** The Geo-Institute budget must be approved by the Geo-Institute Board in accordance with guidelines established by the Society’s Board of Direction. Any changes to the budget and any expenditures in excess of budgeted amounts or for unbudgeted items must be approved by the Geo-Institute Board in accordance with the provisions in these Bylaws.

10.4 **Revenues.** The Geo-Institute may raise revenue by means other than dues from members and fees for publications, provided such means are consistent with Society policy and the maintenance of ASCE’s tax-exempt status. Any proposed solicitations, as well as the proposed acceptance of any grant or donation which contains any restriction, shall first be submitted to and approved as permissible by the Society’s Executive Director, who shall investigate and notify the Geo-Institute of his/her determination, including any restrictions or modifications on which approval is conditioned.
In the event the Geo-Institute’s revenues exceed its expenditures, the Society shall create a general reserve fund therefor, and the Geo-Institute shall control this reserve and may use funds from this reserve for programs and activities of the Geo-Institute.

Monies from the ISSMGE Trust Fund used for expenditures, which are not consistent with the purpose of the fund as described in Article VIII, Paragraph 6, shall be returned to the ISSMGE Trust Fund prior to any deposit of surplus in a reserve fund.

10.5 Records. The books and accounts of the Geo-Institute shall be kept by the Director of the Geo-Institute, who shall be directly responsible to the Geo-Institute Board.

10.6 Reporting. At the close of each fiscal year, the Geo-Institute Director shall provide a preliminary statement of the affairs of the Geo-Institute, including, but not limited to, a balance sheet and fiscal statement of operations for the preceding year, which shall be submitted to the Geo-Institute Board and to the Society’s Board of Direction within sixty (60) days from the close of the fiscal year.

10.7 Audit. The Geo-Institute Director shall procure annually an external financial review of the books and records of the Geo-Institute. Such audit may be performed in conjunction with the Society’s annual audit. The books and records shall be made available to the Society’s Treasurer or designee on reasonable notice.

ARTICLE 11. MANAGEMENT

11.0 Committees. The Board may, at its discretion, establish and discharge organizational elements such as divisions, councils, standing and ad-hoc task committees as necessary or desirable to conduct the affairs of the Geo-Institute. Establishment of any such organizational element (including committees) shall be by means of a charter or charge, which shall define the mission of the element and its term of the charter. These elements will report to the Board of Governors through a hierarchy established by the Board. Appointments to councils as well as appointments of Board-level committee chairs are made by the Board of Governors. All other appointments to Board-level committees may be delegated by the Board to the individual committee chairs, but such appointments must be made with the consent of the Board.

The Board may, at its discretion, appoint task forces or ad hoc committees. Such task forces and committees shall be established with defined purposes and determined duration of appointment as specified by the Board. In addition, the Board may delegate to its committees (or other organizational elements) the authority to establish and appoint subcommittees or ad-hoc task committees.

Committee chairs shall return a committee’s tangible property and records, and all records relating to any intangible property and work product of the committee to the Geo-Institute when discharged, or when requested by the Board. Such materials, and any intangible property including work products of the committee belong to the Geo-Institute. All committees (including any sub-committees), and all special delegates and representatives unless otherwise directed by the Board, shall be governed by this provision.

11.1 Rules. The Board may establish rules that are consistent with these Bylaws for the policies, procedures, and programs of the Geo-Institute. Committees and task forces of the Geo-Institute may be directed to establish written operating policies and procedures, which shall require approval of the Board for adoption and amendment.

11.2 Parliamentary Authority. All membership meetings of the Geo-Institute and meetings of its Board shall be conducted according to the rules contained in Robert’s Rules of

11.3 Dissemination of Information. Electronic communications shall be utilized to encourage and ease the exchange of ideas and methods among Geo-Institute members.

11.4 Relationship to the Society. Fees for services provided to the Geo-Institute by the Society shall be set by written agreement between the Geo-Institute and the Society.

The Society shall have the right of first refusal on the provision of services for the delivery of Geo-Institute products and services. In the event that the Institute develops a product or service on its own, it must meet Society standards for quality.

Property and Records of the Geo-Institute shall belong to the Society, except for the ISSMGE Trust Fund.
The Geo-Institute may issue its own statements of policy but must identify them as such. Any amplification, interpretation, or application of Society policies other than by the Society Board of Direction must be clearly identified as the views of the component so engaged and not of the Society. No action shall be taken by the Geo-Institute which may be deemed to express an attitude or action of the Society, but resolutions or recommendations may be addressed to the Society Board of Direction for consideration or approval and promulgation.

The Geo-Institute may conduct conferences and conventions by itself or acting in conjunction with other units of ASCE or other affiliated organizations subject to the right of first refusal in the second paragraph of this Section.

11.5 Publications. Publications of the Geo-Institute shall be consistent with Society policies except as provided in written agreements that may exist between the Society and the Geo-Institute.

The Geo-Institute may develop journals, magazines, Manuals of Practice, and Standards by itself or in conjunction with the Society or other organizations.

Members of the Geo-Institute who are not members of the Society shall be entitled to receive publications of the Geo-Institute at Society member rates and other Society publications at rates determined by the Society and the Geo-Institute Board.

11.6 Indemnification. Governors, officers, the Geo-Institute Director, and Geo-Institute staff and agents, in their respective capacities as such, each shall receive the same indemnification by the Society as do the Society’s Directors, officers, employees, and agents.

ARTICLE 12. DISSOLUTION

12.0 Dissolution. At any duly constituted meeting of the Board of Governors by a two-thirds (2/3) majority of those present and voting, the Geo-Institute’s Board of Governors may vote to recommend dissolution by the Society’s Board of Direction, provided that a written notice of this proposed action shall have been given at a previous meeting of the Board, and provided further that the proposed amendment shall have been published, together with an announcement soliciting membership comments, in an Geo-Institute, Society, or third party publication that normally reaches the entire membership of the Geo-Institute, or sent to the membership by other means.

ARTICLE 13. AMENDMENT

13.0 Bylaws. The Geo-Institute Bylaws may be amended at a duly constituted meeting of the Board of Governors, a quorum being present, by a two-thirds (2/3) majority of those present and voting, provided that a written notice of such proposed amendment shall have been given at a previous meeting of the Board.

The Bylaws may also be amended upon receipt of the written consent of the majority of the Regular Members of the Geo-Institute in good standing.

No amendment to these Bylaws becomes effective until it is approved by the Society’s Board of Direction.
GEO-INSTITUTE COMMITTEES

Purpose. The primary goal of the Geo-Institute is to advance the geo-professional community. The scope of the Geo-Institute shall encompass the geoscience, geoprofession, and geotechnology related to improving the built environment, mitigating natural hazards, and constructing engineered facilities.

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Purpose: To recommend recipients for Geo-Institute and Society awards to the G-I Board of Governors.

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Allen Cadden, P.E., D.GE, F.ASCE, Chair

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Purpose: To represent the interests of the Organizational Members of the Geo-Institute (G-I), with the ultimate goal of enhancing the benefits of this special membership category. The OMC seeks ways to increase the value of the Organizational Membership by recognizing the needs of the OM firms, identifying various activities or products that address those needs, and working with the G-I staff and leadership to implement the resulting programs.

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Compaction Grouting Guideline

Purpose: To develop a consensus guide for compaction grouting, focused specifically on applications where compaction of the soil is a primary element of the foundation improvement.

Jeffrey P. Geraci, P.G., CEG, M.ASCE, Chair
Samson W. Bandimere, Aff.M.ASCE
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Michael G. Jeffries, P.E.

Design of Residential Structures on Expansive Soil Standards

Purpose: To develop standards for design of Residential Structures on Expansive Soils.

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Alan L. Kropp, P.E., M.ASCE, Co-Chair
Kirby T. Meyer, P.E., D.GE, F.ASCE, Vice-Chair
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Ram A. Goel, P.E., F.ASCE
Donald G. Illingworth, P.E.
Arthur S. Koenig, P.E., M.ASCE
Edward M. Laatsch, P.E., M.ASCE
Pile Foundations Standards

Purpose: To develop, maintain, and improve standards for design and construction of pile foundations to replace the provision of the old ANSI A56 standard written in 1952.

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Robert G. Lukas, P.E., D.GE, M.ASCE, Secretary
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Technical Coordination Council

Purpose: To integrate and coordinate all G-I technical activities, including technical committee activities and projects, specialty conferences, spoke conferences, and sessions. To develop committee organization and appropriate procedures for all technical committees.

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Anand J. Puppala, Ph.D., P.E., D.GE, F.ASCE
Nadarajah Ravichandran, A.M.ASCE
Marcelo J. Sanchez, Ph.D., Aff.M.ASCE
Robert Schweinfurth Jr., Aff.M.ASCE
THE STRUCTURAL ENGINEERING INSTITUTE (SEI) OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

The Structural Engineering Institute (SEI) was created within the American Society of Civil Engineers on October 1, 1996. SEI is a full-service, discipline-oriented, and semi-autonomous institute within ASCE. SEI involves all facets of the structural engineering community including practicing engineers, research scientists, academicians, technologists, material suppliers, contractors, and owners. By facilitating coalitions or as an independent activity, SEI is committed to advancing the structural engineering profession and rapidly responding to the emerging needs of the broad structural engineering community.

The Board of Governors of the Structural Engineering Institute updated its 25 year vision as follows:

2008 Strategic Vision
In 2033, the Structural Engineering Profession will be:

• A unique, fully engaged profession with a strong identity;
• Recognized for the contribution the profession makes to
  – public safety and risk management,
  – economic and sustainable use of resources,
  – the use of innovative technologies, and
  – the creation of inspiring structures;
• Stewards of the built environment; and
• Attractive to the best and brightest.

The 2013-2014 Board of Governors members are:

Don Dusenberry, P.E., F.SEI, F.ASCE, President
Pat McCormick, P.E., F.SEI, F.ASCE, Vice President
Ed DePaola, P.E., F.SEI, F.ASCE, Treasurer
Sam A. Rihani, P.E., F.SEI, F.ASCE Past President
Stan Caldwell, P.E., F.SEI, F.ASCE
Donna Friis, P.E., F.SEI, F.ASCE
Andrew W. Herrmann, P.E., SECB, F.SEI, F.ASCE
Cheng Lok Caleb Hing, Ph.D., P.E., F.SEI, F.ASCE
Dennis Mertz, P.E., F.SEI, F.ASCE
David Odeh, P.E., F.SEI, M.ASCE
Steve Szoke, P.E., M.ASCE
Jennifer Goupil, P.E., M.ASCE, Secretary

The four divisions of the Structural Engineering Institute are the Business and Professional Activities Division, the Codes and Standards Activities Division, the Local Activities Division, and the Technical Activities Division. An Executive Committee leads each division. The Business and Professional Activities Division leads several cooperative activities addressing business and professional development issues unique to the structural engineering profession. The Codes and Standards Activities Division develops and maintains leading design standards that are used worldwide. The Local Activities Division provides technical and professional services to SEI Chapters and local Structural Technical Groups (STGs) within ASCE Sections and Branches. The Technical Activities Division develops state-of-the-art technical publications and produces the Journal of Structural Engineering, the Journal of Bridge Engineering, and the Practice Periodical on Structural Design and Construction. The creation of SEI allows each division the opportunity to expand into new products and services for the Structural Engineering community. All SEI Divisions work with ASCE departments, divisions, and committees to ensure coordination and cooperation.
Structural Engineering Institute Awards

Dennis L. Tewksbury Award

The Award, which may be given annually, shall be known as the Dennis L. Tewksbury Award for Outstanding Service to the Structural Engineering Institute of ASCE.

I. The Award shall recognize an individual member of the Structural Engineering Institute of the American Society of Civil Engineers and of ASCE who has advanced the interests of SEI through innovative or visionary leadership; who has promoted the growth and visibility of SEI; who has established working relationships between SEI and other structural engineering organizations; or who has otherwise rendered valuable service to the structural engineering profession.

II. Not more than one award is made each year.

III. Nominations may be submitted by anyone.

IV. Nominees not selected in a given year will be held over for consideration through the next selection cycle. At the end of the second cycle, nominees not chosen will no longer be eligible for consideration except that nominators who wish for their candidate to be considered for another two cycle period must submit a new nomination package.

V. The SEI Nominations Committee may recommend up to two nominees for action by the SEI Board of Governors. Members of the SEI Nominations Committee shall not be eligible for the award in the year(s) in which they serve on the Nominating Committee.

VI. A majority vote by the Board of Governors of SEI shall be required to confer the Award.

Nomination forms may be obtained at www.asce.org/SEI and are due November 1 each year.

Awards have been made as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>Dennis L. Tewksbury</td>
</tr>
<tr>
<td>2001</td>
<td>Anatol Longinow</td>
</tr>
<tr>
<td>2002</td>
<td>Jeremy Isenberg</td>
</tr>
<tr>
<td>2003</td>
<td>Barry Goodno</td>
</tr>
<tr>
<td>2004</td>
<td>John Tawresey</td>
</tr>
<tr>
<td>2005</td>
<td>Rawn Nelson</td>
</tr>
<tr>
<td>2006</td>
<td>James A. Rossberg</td>
</tr>
<tr>
<td>2007</td>
<td>Neil Hawkins</td>
</tr>
<tr>
<td>2008</td>
<td>David Darwin</td>
</tr>
<tr>
<td>2009</td>
<td>Max Porter</td>
</tr>
<tr>
<td>2010</td>
<td>Tom Williamson</td>
</tr>
<tr>
<td>2011</td>
<td>James R. Harris</td>
</tr>
<tr>
<td>2012</td>
<td>Craig Barnes</td>
</tr>
<tr>
<td>2013</td>
<td>Roberto Leon</td>
</tr>
</tbody>
</table>

Gene Wilhoite Innovations in Transmission Line Engineering Award

The award was approved in 1990 to honor Gene M. Wilhoite for his commitments to the electrical transmission industry, his efforts to further the design of transmission line structures, and his exemplary ethical and professional standards. The award was funded by friends and associates of Gene.

The award is given to an individual for significant contribution to the advancement of the arts and science of transmission line engineering.

The award consists of a plaque presented at the annual SEI Structures Congress.

I. The award is made annually to a member of the Society who has made a significant contribution to the advancement of the arts and science of transmission line engineering. The individual shall also be an active participant in the various levels of the committee responsibilities, including national technical activities.

II. The nomination for the award is made by the SEI Technical Activities Division (TAD) Electrical Transmission Structures Subcommittee on the Gene Wilhoite Award, which recommends the recipient, if any, to the SEI TAD Awards Committee for approval. The SEI TAD Awards Committee forwards the nomination to the SEI TAD Executive Committee for final action.

Six copies of each nomination should reach the SEI Reston Office by November 1.

Awards have been made as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>1991</td>
<td>Gene Wilhoite</td>
</tr>
<tr>
<td>1992</td>
<td>Edwin Gaylord</td>
</tr>
<tr>
<td>1993</td>
<td>Anthony DiGiota</td>
</tr>
<tr>
<td>1994</td>
<td>Jacob M. Kramer</td>
</tr>
<tr>
<td>1995</td>
<td>Richard Kravitz</td>
</tr>
<tr>
<td>1997</td>
<td>Alain Peyrot</td>
</tr>
<tr>
<td>1999</td>
<td>Clayton Clem</td>
</tr>
<tr>
<td>2001</td>
<td>Leon Kempner Jr.</td>
</tr>
<tr>
<td>2003</td>
<td>H. Brian White</td>
</tr>
<tr>
<td>2004</td>
<td>C. Jerry Wong</td>
</tr>
</tbody>
</table>
Walter P. Moore, Jr. Award

The Walter P. Moore, Jr. Award was established in 1998 by the Structural Engineering Institute of the American Society of Civil Engineers to honor Walter P. Moore, Jr. in recognition of his dedication to and technical expertise in the development of structural codes and standards.

The award consists of a plaque presented at the annual SEI Structures Congress.

I. The award is made annually to a structural engineer who has demonstrated technical expertise in and dedication to the development of structural codes and standards. The contribution may have been in the form of papers, presentations, extensive practical experience, research, committee participation, or through other activities.

II. Not more than one award is made each year unless the achievement upon which the nomination is based is considered to be the joint achievement of more than one person.

III. Nominations may be submitted by anyone.

IV. The Executive Committee of the Codes and Standards Activities Division of SEI recommends the recipient, if any, to the SEI Board of Governors for final action.

Nominations are due November 1.

Awards have been made as follows:

1999 Richard D. Marshall
2000 Bruce R. Ellingwood
2002 James R. Harris
2003 Fred Moses
2004 Theodore Galambos
2005 H.S. Lew
2006 Lawrence G. Griffis
2007 Robert E. Bachman
2008 Kishor Mehta
2009 Clarkson Pinkham
2010 John Kulicki
2011 Michael O’Rourke
2012 Don Dusenberry
2013 S.K. Ghosh

SEI Chapter of the Year Award

The SEI Chapter of the Year Award is given to recognize an SEI Chapter for its exemplary activities and efforts to advance the structural engineering profession. Awards have been made as follows:

2012 SEI New Orleans Chapter
2013 SEI Sacramento Chapter

SEI President’s Award

The SEI President’s Award was established in 2008. The award, which may be given annually, is given at the discretion of the President of the Structural Engineering Institute of ASCE to recognize exemplary contributions to the success of SEI.

Criteria:

I. The Award shall recognize an individual member(s) of the Structural Engineering Institute of the American Society of Civil Engineers who has/have made significant contributions to the development of SEI or its programs.

II. It is intended that not more than one award is made each year.

III. The award shall be conferred at the initiative of the President of SEI, who may consider recommendations from any source in concurrence with the SEI Board of Governors.

IV. The award shall be presented at the annual Structures Congress, or at other suitable occasions at the option of the President.

Awards have been made as follows:

2008 Marc Hoit
2011 Donna Friis
2012 Roberto Leon
2013 Robert E. Nickerson
Structural Engineering Institute Bylaws
July 2013

ARTICLE 1. NAME

1.0 Name. The name of this Institute shall be The Structural Engineering Institute (SEI) (hereinafter referred to as Institute) of the American Society of Civil Engineers (hereinafter referred to as Society).

ARTICLE 2. OBJECT

2.0 Object. The object of this Institute shall be to serve and promote the worldwide structural engineering profession and related industries. The Institute will embrace and support the American Society of Civil Engineers, individual members, and structural industry organizations. The Institute will advance the art and practice of structural engineering and provide a forum for research, education, design, testing, manufacturing, construction, and operations in the structural engineering profession. The Institute will develop and implement programs and activities to enhance technology transfer; business practices and professional activities; the advancement of the structural engineering profession; and provide a means for coordination and communication with local programs.

ARTICLE 3. ORGANIZATION

3.0 Organization. The Institute is organized within the Society. All policies and activities of the Institute shall be consistent with and subject to:

3.0.1 The Society Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure, and Code of Ethics;

3.0.2 Applicable federal, state, and local antitrust, trade regulation, and other laws, regulations and legal requirements;

3.0.3 All requirements to maintain the status of the Society as a not-for-profit organization exempt from federal income tax under sections 501(a) and 501(c)(3) of the Internal Revenue Code of 1954 (hereinafter referred to as the Code), qualifying at all times as an organization to which tax deductible contributions may be made pursuant to applicable sections of the Code;

3.0.4 All requirements imposed by any relevant jurisdiction for the maintenance by the Society of any license, permit, or authority it may hold to conduct activities and do business as a foreign not-for-profit corporation within that jurisdiction; and

3.0.5 Such other policies and procedures as are authorized under these documents

ARTICLE 4. MEMBERSHIP

4.0 Membership Qualifications. Membership shall be open to any Society member in good standing as well as to all other persons and organizations interested in advancing the object of the Institute

4.1 Membership Categories. The membership shall be differentiated as Individual Members and Sustaining Members.

4.1.1 Individual Members. The Individual Member categories of the Institute are:

4.1.1.1 Student Member. An individual who meets the qualifications of Society Student Member.

4.1.1.2 Member. Any Society member in good standing interested in advancing the object of the Institute.

4.1.1.3 Institute-Only Member. Any person who is not a member of the Society and who is interested in advancing the object of the Institute.

4.1.1.4 SEI Fellow. The Institute may award Fellow membership to an individual member based on accomplishments, achievements or scholarship, as recognized by the Board of Governors.
4.1.2 Sustaining Members: Organizations that elect to support the objectives of the Institute in accordance with the Membership Policies and Procedures

4.2 Member Participation. Members, Institute-only Members and SEI Fellows in good standing may be appointed to and participate on Institute committees; may vote on all Institute procedural issues or elections put forth for the general membership; serve as committee chairs and vice chairs; qualify for an elected position on the Board of Governors after holding membership in the Institute for a period of one (1) year; participate on the Board of Governors.

4.3 Non-Member Participation

4.3.1 Individuals who are not members of the Institute are eligible to participate as voting members of the Institute’s Standards Committees but may not serve as Chair or Vice Chair.

4.3.2 Conferences, Publications, and other organized activities of the Institute shall be open to all persons through payment of designated fees.

4.4 Admission of Members. Applicants shall be admitted to membership in the Institute in such manner as the Board of Governors may from time to time direct. All Society members in good standing who elect to join the Institute shall be admitted. Authority to admit new members may be delegated to the Institute Director in accordance with requirements established by the Board of Governors.

4.5 Resignation. Any member of the Institute in good standing may resign with written or facsimile communication to the Institute Director.

4.6 Expulsion. Any member may be expelled from the Institute for conduct in violation of the Institute Bylaws, or the Society Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure, or Code of Ethics, as applicable, or for conduct which in the opinion of the Board of Governors is improper and prejudicial to the best interests of the Society or Institute. A decision to expel shall be preceded by a fair hearing at a meeting of the Board of Governors; such meeting to be held in Executive Session if so requested by the member under consideration for expulsion.

Separation from membership in the Institute and disciplinary proceedings shall follow the procedures outlined in the Society’s governing documents. Decisions of the Board of Governors shall not be open to appeal except in cases involving recommendation by the Board of Governors to expel a Society member from the Institute, in which case an appeal may be made to the Society’s Board of Direction, whose decision is final.

Cases involving Society members accused of violating the Society Code of Ethics shall be referred to the Society Committee on Professional Conduct.

ARTICLE 5. DUES

5.0 Dues. Membership dues shall be established by the Board of Governors. The annual dues payable by the Institute membership shall be as follows:

**Individual Members:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Dues Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>Equal to Society annual dues for Student Members</td>
</tr>
<tr>
<td>Member</td>
<td>Included in Society dues if primary Institute and subject to fee if additional Institute</td>
</tr>
<tr>
<td>Institute-only Member</td>
<td>Equal to Society annual dues for Member</td>
</tr>
<tr>
<td>SEI Fellow</td>
<td>Included in Society dues if primary Institute and subject to fee if additional Institute</td>
</tr>
<tr>
<td>SEI-only Fellow</td>
<td>Equal to Society annual dues for Member</td>
</tr>
</tbody>
</table>

5.1 Sustaining Members: Levels of Sustaining Membership shall be in accordance with the Membership Policies and Procedures

5.2 Payment of Dues. Dues shall be payable annually in advance of January 1. A member who joins the Institute after June 30 in any calendar year shall pay one-half (1/2) of the annual dues.
5.3 **Statements.** Not later than December 1 each year, the Institute Director shall mail to each Institute member, at the latest address known to the Institute, a statement of current indebtedness, if any, of the Institute member and the amount of dues for the ensuing calendar year.

5.4 **Non-payment.** Any Institute member whose dues become twelve (12) months in arrears shall forfeit membership in the Institute.

5.5 **Remission of Dues.** The Board of Governors, for cause deemed by it to be sufficient, may excuse any Institute member from the payment of annual dues, temporarily or permanently; may excuse the whole or any part of the dues which may be in arrears; and may remove any name from the list of those permanently excused from the payment of dues.

5.6 **Refunds.** No dues or fees will be refunded.

**ARTICLE 6. BOARD OF GOVERNORS**

6.0 **Board of Governors.** The affairs, activities, and concerns of the Institute shall be under the direction of a Board of Governors. The Board of Governors shall manage the affairs of the Institute in accordance with the laws under which the Institute is organized. The Board of Governors has fiduciary, legal and strategic responsibilities, focuses on continuous strategic planning, determines desired outcomes, develops and approves policy imperative to guide operations, and ensures that the Institute uses these policies to work toward meeting its vision and fulfilling its object.

6.1 **Composition of the Board of Governors.** The Board of Governors shall have a minimum of ten (10) Governors appointed or elected as follows: eight (8) Governors elected to represent the four (4) Institute Divisions (two (2) from each Division), one (1) Governor appointed by the Society Board of Direction, and the most immediate and available past-president of the SEI Board. The Board may elect one (1) additional Governor to serve as President beyond his or her term as Governor. The Institute Director shall attend all meetings and serve as Secretary to the Board of Governors but shall not have the right to vote.

6.2 **Qualifications.** Each member of the Board of Governors must be a member in good standing of the Institute for a period of at least one (1) year at the time of election or appointment. All appointed or elected members of the Board of Governors shall be members of the Institute in good standing throughout their service on the Board of Governors. If a member of the Board of Governors ceases to be in good standing while in office, that member may be removed. Governors representing the Divisions of SEI shall currently serve or have served as members of their respective Division Executive Committee.

6.3 **Terms of Office.** The term of office of a Governor shall be four (4) years and shall be nonrenewable. The term of the Governor appointed by the Society Board of Direction shall be for no less than one (1) year and no more than four (4) years as determined by the Society. The term of a Governor elected to serve as President extends to coincide with their service as president and past-president.

A Governor may resign at any time by giving written notice of such resignation to the Secretary of the Institute.

Any elected officer or Governor of the Institute shall, unless earlier having resigned or been removed, continue service until a successor qualifies and takes office.

6.4 **Nomination and Election.** Nine (9) Board of Governors’ positions shall be filled as stated below:

6.4.1 Each Division shall be represented by two (2) Governors. Terms shall begin in even-numbered fiscal years for Governors representing the Technical Activities Division and the Local Activities Division, and in odd-numbered fiscal years for Governors representing the Business and Professional Activities Division and the Codes and Standards Activities Division. Terms shall be staggered so that one (1) Governor from each Division shall be elected every two (2) years.

6.4.2 The Society shall appoint a Governor to serve on the SEI Board of Governors.

6.4.3 Candidates for the Governor representing the BPAD, the CSAD, and the TAD shall be nominated by their respective Division Executive Committee and be elected by the members of the Institute. Ballots shall include the name of each nominee and a line for a write-in candidate by Division. In
the event of a tie between two (2) or more persons for the same office, selection shall be made by the Board of Governors from the persons so tied.

6.4.4 Candidates for the Governor representing the LAD shall be nominated by the LAD Executive Committee and elected by the Local Groups. Each Local Group will have one vote and the nominee receiving the highest number of votes will serve as Local Activities Division Governor. In the event of a tie between two (2) or more nominees the selection shall be made by the Board of Governors from the persons so tied.

6.4.5 The Secretary shall announce immediately to the membership the names of the officers elected. These announcements shall appear in the Institute newsletter, in the Society’s official publication(s), and on the Institute’s web site.

6.5 Vacancies. When a vacancy occurs on the Board of Governors by death, resignation, or other than by expiration of a Governor’s term, it shall be temporarily filled without undue delay as a direct appointment of the Executive Committee from the Division whose position has become vacant; or if the vacancy is the appointment of the Society’s Board of Direction, by the Society Board of Direction. An election for a new Governor shall be part of the next annual election and shall be for the balance of the unexpired term. The term of the person so appointed temporarily shall commence upon appointment and expire at the meeting of the Board of Governors which immediately follows completion of the election process.

6.6 Compensation. Members of the Board of Governors shall not receive any salary or other compensation for their services as Governors, but they shall be entitled to reimbursement of reasonable expenses, if any, incurred by them as Governors, under procedures established by the Board of Governors.

6.7 Removal. Appointed or elected Governors may be removed from office by a two-thirds (2/3) vote of the Board of Governors.

ARTICLE 7. OFFICERS

7.0 Officers. The officers of the Institute shall be the President, Vice President, Secretary, and Treasurer.

7.1 Election and Term of Office. Each Officer, excluding the Secretary, shall serve a one (1) year term to commence at the beginning of each fiscal year. No Officer, excluding the Secretary, shall serve more than two (2) terms in the same office. Institute nominations for officers, excluding the Secretary, shall be directed by a Nominations and Elections Committee, hereinafter referred to as the Committee, which has the responsibility of determining nominations for Officers on the Board of Governors. The Committee shall be formed each year not later than January 1 and shall meet before March 1.

7.1.1 The Committee will consist of four (4) members with the most recent and available Institute Past President serving as chair. Each year the chair shall appoint three (3) additional members as follows: at least one (1) current member of the Board of Governors and at least one (1) past member of the Board of Governors. Each member of the Committee shall be an Individual Member in good standing.

7.1.2 The Committee shall select up to two (2) official nominees per office, excluding the Secretary, for the Board of Governors to elect from, by a simple majority vote. Only current members of the Board of Governors shall be eligible to be elected to the office of President. The President and Vice-President of the Institute shall be engineers who are legally licensed by at least one (1) of the states or territories of the U.S. or in a foreign country with licensing procedures similar to those in the U.S., and are structural engineers. Only current members of the Board of Governors, whose terms as Governor shall not expire in the next fiscal year, shall be eligible to be elected to the offices of Treasurer and Vice President. Elections will be held at Board of Governors’ meetings prior to the end of each Officer’s term. Elected Officers’ terms will begin in the next fiscal year.

The Secretary position will be held by the Institute Director.

7.2 Duties.

7.2.1 Duties of the President. The President shall be a volunteer Institute member, and is responsible for the general supervision of the affairs of the Institute. The President shall preside at all meetings of the Board of Governors and of the members of the Institute. The President shall call special meet-
7.1.1 Duties of the President. The President shall have the duties of the \textbf{Chair of the Board of Governors}, and shall perform the duties of the President of the Institute as may be deemed proper. The President shall be empowered to appoint any committees and chairpersons for those committees as deemed necessary for the effective functioning of the Institute, subject to approval of the Board of Governors.

The President or an appointed designee shall attend regular and special meetings of the Society Board of Direction, and report at such meetings on Institute affairs if requested by the Society Board of Direction, by the Society President, or the Society Executive Director.

7.2.2 Duties of the Vice President. In the absence of the President, or in case of the President’s inability for any cause to act, the Vice President of the Institute shall perform the duties of the President. In the case of the President’s death, resignation, or withdrawal from office, the Vice President shall become President.

In case of the Vice President’s inability for any cause to act, a replacement shall be appointed by the President with the approval of a simple majority of the Board members present and voting.

7.2.3 Duties of the Treasurer. The Treasurer shall monitor management of the financial affairs of the Institute by the Institute Director, who shall prepare and present an annual financial report at the Annual Membership Meeting of the Institute. The Institute Director, in cooperation with the Treasurer, shall establish and maintain a record of Institute income and expenditures and be prepared to present an accounting thereof to the Board of Governors, the membership, Officers, the Society, or any duly authorized person or persons when directed to do so by the Board of Governors.

7.2.4 Duties of the Secretary. The Institute Director shall serve as Secretary. The Secretary, or designee, shall give notice of, attend, and keep minutes of all meetings of the Institute and Board of Governors, unless excused by the Board of Governors therefrom; shall have custody of the minutes; shall approve and admit members of the Institute, consistent with the Board policy; and shall perform other such duties and have other such powers as may from time to time be delegated by the Board of Governors.

7.3 Removal. Elected Officers may be removed from office by a two-thirds (2/3) vote of the Board of Governors.

7.4 Institute Director. The Institute Director is appointed and can be removed with or without cause by the Society Executive Director after consultation with the Board of Governors. The Institute Director shall be responsible to the Board of Governors and follow the Institute Bylaws and policies. The Institute Director is the Chief Operating Officer/general manager and Secretary of the Institute, receives policy, program and budget direction from the Board of Governors and is responsible for the day-to-day management of the Institute. The Institute Director shall be employed by the Society and subject to Society employment rules.

The Institute Director shall appoint all Institute staff, independent contractors and other suppliers and, subject to direction by the Board of Governors, Institute agents. In making such appointments, the Institute Director shall comply with the human resources policies and procedures of the Society, which shall be applicable to and binding on the Institute.

\textbf{ARTICLE 8. MEETINGS}

8.0 Board of Governors Meetings

8.0.1 Annual Meeting. An Annual Meeting of the Board of Governors shall be held each year at a time and place mutually agreeable to the Board of Governors, and in conjunction with a national meeting of the Institute or Society, to conduct any business that might properly come before the Board of Governors. The place and date of the meeting shall be fixed by the President of the Board of Governors. All Governors shall be given at least forty-five (45) days notice of the meeting. Notice may be given personally or by first class mail, confirmed facsimile, or by confirmed electronic mail. Agenda items shall be filed with the Secretary not later than thirty (30) days before the Annual Meeting, and the agenda shall be made available to Governors at least fourteen (14) days in advance of the meeting.

8.0.2 Scheduled Meetings. Additional Scheduled Meetings of the Board of Governors shall be held each year, at times and locations designated by the President. Notice requirements and agenda item deadlines for additional Scheduled Meetings are the same as those for the Annual Meeting.
8.0.3 Special Meetings. Special Meetings of the Board of Governors may be called by the President at any time for specific purposes or by either the President or Secretary upon the request of any three (3) Governors. At such meetings only such business as is specified in the meeting notice shall be considered. At least ten (10) days advance notice of any Special Meeting shall be given by the Secretary to members of the Board of Governors.

8.0.4 Quorum. At all meetings of the Board of Governors, a simple majority of the Governors shall be sufficient to constitute a quorum for the transaction of business. The act of a simple majority of the Governors present at any meeting at which there is a quorum shall be the act of the Board of Governors, except as may be otherwise specifically provided by these Bylaws or other applicable instrument or law. If at any meeting there is less than a quorum present, the presiding officer shall adjourn the meeting to another time and place.

8.0.5 Action without a Meeting. Any action required to be taken at a meeting of the Board of Governors, or any action that may be taken at a meeting of the Board of Governors, may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all Governors and be filed with the minutes of the meetings.

8.0.6 Participation by Alternative Means. Members of the Board of Governors may participate in any meeting of the Board of Governors by telephone conference or similar communications equipment by means of which all persons participating in the meeting are identified and can hear each other, and such participation in a meeting shall constitute attendance at the meeting.

8.0.7 Absences from Meetings of the Board. Any Governor who does not attend two (2) consecutive meetings of the Board of Governors shall be automatically removed from the Board of Governors before the conclusion of such second meeting, unless retained by the majority vote of the Board of Governors at the conclusion of such second meeting.

8.1 Annual Membership Meeting. An Annual Membership Meeting shall be held each year to conduct any business that might properly come before the Institute. This meeting shall be held at a National Meeting, Conference, Congress or Convention of the Institute. An attendance of twenty-five (25) Individual Members shall constitute a quorum for the Annual Membership Meeting of the Institute.

8.2 Special Meetings. Special meetings of the Institute membership may be called by the Board of Governors at any time.

8.3 Notice. The Board of Governors must give Institute members at least thirty (30) days notice of all Annual and Special Meetings. The notice shall include a description of the business to be conducted.

8.4 Voting. At any meeting of the membership, a majority of members, where a quorum is present, is necessary to make a decision except where some other number is required by law or by these Bylaws. Proxy voting is not permitted. Mail voting is permitted.

**ARTICLE 9. FINANCE**

9.0 Fiscal Year. The fiscal year of the Institute shall be from October 1 through September 30.

9.1 Assets. All assets held by or for the Institute are vested in the Society and shall be handled according to its fiscal policies.

9.2 Fiscal Responsibility. The Board of Governors, with due responsibility to the Society Board of Direction, shall oversee the funds and assets of the Institute and shall direct the Institute Director in their management. Neither the Institute nor any individual Governor, Officer, member, employee, or representative thereof shall have any authority to contract debts for, pledge the credit of, or in any way financially bind the Society.

9.3 Institute Budget. The Institute budget must be approved by the Board of Governors and be in accordance with guidelines established by the Society Board of Direction. Any changes to the budget and any expenditures in excess of budgeted amounts or for unbudgeted items must be reported to the Board of Governors in accordance with the provisions in these Bylaws.

9.4 Revenues. The Institute may raise revenue by other means than dues from members and fees for publications, provided such means are consistent with the Society policy and with the maintenance of the Society's tax exempt status. Any proposed solicitations, and the proposed acceptance of any grant or donation which contains any restriction, shall first be submitted to and
approved as permissible by the Society Executive Director, who shall investigate and notify the Institute of his or her determination, including any restrictions or modifications on which approval is conditioned.

In the event the Institute’s revenues exceed its expenditures, the Society shall create a general reserve fund therefore, and the Institute shall control this reserve and shall use funds from this reserve for programs and activities of the Institute.

9.5 **Records.** The books and accounts of the Institute shall be kept by the Institute Director.

9.6 **Reporting.** At the close of each fiscal year, the Institute Director shall provide a full and correct statement of the affairs of the Institute, including, but not limited to, a balance sheet and fiscal statement of operations for the preceding year, which shall be submitted to the Board of Governors and to the Society Board of Direction within ninety (90) days from the close of the fiscal year.

9.7 **Audit.** The Institute Director shall procure annually an external audit of the books and records of the Institute. Such audit may be performed in conjunction with the Society annual audit. The books and records shall be made available to the Society Treasurer or his or her representative on reasonable notice.

**ARTICLE 10. COMMITTEE STRUCTURE AND ADMINISTRATION**

10.0 **Divisions.** The Institute shall have four (4) Divisions unless additional Divisions are authorized by the Board of Governors. The four (4) Divisions are Business and Professional Activities Division (BPAD), Codes and Standards Activities Division (CSAD), Local Activities Division (LAD), and Technical Activities Division (TAD).

10.0.1 The Business and Professional Activities Division (BPAD) shall be responsible for, but not limited to, professional practice items related to licensing, regulatory, insurance, and business issues and practices. The Division shall develop and recommend policies and participate in programs and activities related to the improvement of professional standards and economic conditions of practice for structural engineers in all types of employment and businesses.

10.0.2 The Codes and Standards Activities Division (CSAD) shall be responsible for, but not limited to, developing and maintaining standards and/or codes of practice. It may undertake other responsibilities in this area. Standards are to be developed by a consensus standards process managed by the Division Executive Committee. The consensus standards process includes compliance with the Society Rules for Standards Committees, oversight by the Society Codes and Standards Activities Committee, and approval by the American National Standards Institute.

10.0.3 The Local Activities Division (LAD) shall be responsible for, but not limited to, interacting and providing the technical and professional services of the Institute to the Local Groups. It shall serve as the communications mechanism for Local Groups to express needs and make recommendations to the Board of Governors. The Division shall develop and recommend programs and activities related to improving two-way communication between the Institute and Local Groups.

10.0.4 The Technical Activities Division (TAD) shall be responsible for, but not limited to, advancing the art and science of structural design and construction by increasing the knowledge of physical properties of engineering materials, developing methods of analysis and design, and studying the merits of various types of structures and methods of construction. The Division will disseminate knowledge relating to its activities.

10.0.5 Each Division shall have an Executive Committee or similar governing body.

10.0.6 Each Division shall establish written Policies and Procedures which shall be subject to the approval of the Board of Governors.

10.1 **Committees.** The Board of Governors may, at its discretion, establish and disband Divisions and standing committees as necessary or desirable to conduct the affairs of the Institute.

The Board of Governors may, at its discretion, appoint task forces or ad hoc committees. Each task force and committee shall be established with defined focus and determined duration of appointment as specified by the Board of Governors.

Committee chairs shall return a committee’s tangible property and records, and all records relating to any intangible property and work products of the committee, to the Institute when
discharged, or when requested by the Board of Governors. Such materials, and any intangible property including work products of the committee, belong to the Institute. All committees (including any subcommittees), and all special delegates and representatives, unless otherwise directed by the Board of Governors, shall be governed by this provision.

The ownership and disposition of all tangible property and any intangible property and work products and records of a committee established jointly between the Institute and other organization(s), shall be agreed upon in writing between the Institute and such other organization(s), prior to the establishment of the joint committee.

10.2 Rules. The Board of Governors may establish rules that are consistent with these Bylaws for the policies, procedures, and programs of the Institute. Committees and Divisions of the Institute may be directed to establish written operating policies and procedures, which shall require approval of the Board of Governors for adoption and amendment.

10.3 Parliamentary Authority. All membership meetings of the Institute and meetings of its Board of Governors shall be conducted according to Robert’s Rules of Order, Newly Revised, in all cases to which these rules are applicable and in which such rules are not inconsistent with the Institute’s Bylaws.

10.4 Relationship to Society. Fees for services provided to the Institute by the Society shall be set by written agreement between the Institute and the Society.

The Society shall have the right of first refusal on the provision of services for the delivery of Institute products and services. In the event that the Institute develops a product or service on its own, it must meet Society standards for quality.

Property and Records of the Institute shall belong to the Society.

The Institute may issue its own statements of policy but must identify them as such. Any amplification, interpretation, or application of Society policies other than by the Society Board of Direction must be clearly identified as the views of the component so engaged and not of the Society. No action shall be taken by the Institute which may be deemed to express an attitude or action of the Society, but resolutions or recommendations may be addressed to the Society Board of Direction for consideration or approval and promulgation.

The Institute may develop and conduct conferences and conventions by itself or acting in conjunction with other units of the Society or other affiliated organizations, subject to the right of first refusal as stated herein.

10.5 Relationships with Other Associations and Federations. The Institute shall act as the primary liaison between the Society and structural engineering groups as approved by the Institute or requested by the Society Board of Direction.

10.6 Local Groups. Local Groups of the Institute are entities that have been identified as such by action of the Board of Governors.

10.7 Publications. Publications of the Institute shall be consistent with Society policies except as provided in written agreements that may exist between the Society and the Institute.

The Institute may develop journals, magazines, manuals of practice and standards by itself or in conjunction with the Society or other organizations.

10.8 Indemnification. Institute Governors, Officers, the Institute Director, and Institute staff and agents, in their respective capacities as such, each shall have the same rights of indemnification from the Society as do Society Directors, Officers, employees, and agents.

ARTICLE 11. DISSOLUTION

11.0 Dissolution. At any duly constituted meeting of the Board of Governors, by a two-thirds (2/3) vote, the Board of Governors may vote to recommend dissolution of the Institute by the Society Board of Direction, provided that a written notice of this proposed action shall have been given at a previous meeting of the Board of Governors, and provided further that the proposed dissolution shall have been published, together with an announcement soliciting membership comments, in an Institute, Society, or third party publication that normally reaches the entire membership of the Institute, or shall have been sent to the membership by other means.
ARTICLE 12. AMENDMENT

12.0 *Amendment.* The Institute Bylaws may be amended at a duly constituted meeting of the Board of Governors, a quorum being present, by a two-thirds (2/3) majority of those present and voting, provided that a written notice of such proposed amendment shall have been given at a previous meeting of the Board of Governors.

These Bylaws may also be amended upon receipt of the written consent of the majority of the Members of the Institute in good standing.

No amendment to these Bylaws shall be effective until approved by the Society Board of Direction.
SEI COMMITTEES

SEI Board of Governors

Donald Dusenberry, P.E., F.ASCE, F.SEI, President
Patrick R. McCormick, P.E., F.SEI, M.ASCE, Vice President
Sarmad (Sam) A. Rihani, P.E., F.ASCE, F.SEI, Past President
Jennifer L. Goupil, P.E., M.ASCE, Secretary
Edward M. DePaola, P.E., F.SEI, M.ASCE, Treasurer

Donald R. Herrmann, Pres.12.ASCE, P.E., F.SEI
Donna L. Friis, P.E., F.SEI, M.ASCE
Andrew W. Herrmann

SEI Futures Fund

Purpose: To invest in the future of the structural engineering profession by funding a broad range of activities which advance the art, science and practice of structural engineering.

Stan R. Caldwell, P.E., F.ASCE, F.SEI, Chair
John L. Carrato, P.E., F.ASCE
David W. Cocke, P.E., M.ASCE, F.SEI

David J. Odeh, P.E., F.SEI, M.ASCE

SEI Membership Committee

Purpose: To develop recommendations to increase SEI membership, organize recruitment campaigns, etc.

Donna L. Friis, P.E., F.SEI, M.ASCE, Chair
Leonel I. Almanzar, P.E., F.SEI, M.ASCE
John O. Grieshaber, P.E., S.E., F.SEI, M.ASCE
James R. Harris, Ph.D., P.E., F.SEI, M.ASCE

Cheng Lok C. Hing, Ph.D., P.E., F.SEI, F.ASCE
David J. Odeh, P.E., F.SEI, M.ASCE

SEI Student Initiatives Committee

Purpose: A committee for student involvement with SEI

Riyadh A. Hindi, P.Eng, M.ASCE, Co-Chair
Joseph R. Yost, A.M.ASCE, Co-Chair
Vinay D. Chokshi, A.M.ASCE
John Cleary
Phillip Gould, Ph.D., S.E., F.SEI, Dist.M.ASCE

Christopher W. Letchford, DPhil, CPEng, F.SEI, F.ASCE
Dennis R. Mertz, P.E., F.SEI, M.ASCE
Masoud Sanayei, Ph.D., M.ASCE
Stephanie M. Spann, P.E., M.ASCE

SEI Structures Congresses Committee

Purpose: To assure long range planning and highest possible quality of the Structures Congress to keep the registration fee as low as possible, and to increase the number of participants.

Marc I. Hoit, Ph.D., F.SEI, F.ASCE, Chair
Franklin D. Lancaster, P.E., F.ASCE
Patrick R. McCormick, P.E., F.SEI, M.ASCE
Dennis R. Mertz, P.E., F.SEI, M.ASCE

Paul F. Mlakar, Ph.D., P.E., F.SEI, Dist.M.ASCE
Robert E. Nickerson, P.E., F.SEI, M.ASCE
Dale R. Thomas, P.E., M.ASCE
Eric B. Williamson, Ph.D., M.ASCE

SEI Structures Congress National Technical Program Committee

To organize the technical program for the annual Structures Congress.

Paul F. Mlakar, Ph.D., P.E., F.SEI, Dist.M.ASCE, Chair
Cynthia J. Duncan, A.M.ASCE
Cheng Lok C. Hing, Ph.D., P.E., F.SEI, F.ASCE
Jeremy Isenberg, Ph.D., P.E., F.SEI, Hon.M.ASCE

William P. Jacobs V, P.E., S.E., M.ASCE
Sam A. Kiger, Ph.D., P.E., F.ASCE
Mustafa A. Mahamid, Ph.D., P.E., S.E., M.ASCE
Shalva M. Marjanishvili, P.E., S.E., M.ASCE
Brian J. McElhatten, P.E., S.E., M.ASCE
Dennis R. Mertz, P.E., F.SEI, M.ASCE
SEI Young Professional Committee
To integrate younger (under age 35) members into the SE profession, encourage a multigenerational
dialog, and provide opportunities to become active in service to the profession.
Cherylyn Henry, P.E., M.ASCE, Chair
Dirk M. Kestner, P.E., M.ASCE
Abbie B. Lied, A.M.ASCE
Devon A. Lombard, P.E., S.E., M.ASCE
Jessica M. Mandrick, P.E., M.ASCE

Corresponding Members
Glenn R. Bell, P.E., F.SEI, M.ASCE
Michael J. Bolduc, P.E., M.ASCE
Donna L. Friis, P.E., F.SEI, M.ASCE

SEI Business & Professional Activities Division
Purpose: To improve the quality of structural engineering services, improve the quality of structural
engineering practice, and advance the standing of structural engineers in society.

SEI Business & Professional Activities Division Executive Committee
Patrick R. McCormick, P.E., F.SEI, M.ASCE, Chair
Cheng Lok C. Hing, Ph.D., P.E., F.SEI, F.ASCE
Daniel L. Lavrich, P.E., F.ASCE, F.SEI

SEI Business Practices Committee
Purpose: To consider the issues that relate to the role of the structural engineer in the greater business
environment and within the public at large.
Joseph G. Di Pompeo, P.E., M.ASCE, Chair
Hazim A. Alwaali, C.Eng, M.ASCE
Amol A. Fulambarkar, P.E., M.ASCE
Paul J. Hause, P.E., M.ASCE

Design Practices Committee
Purpose: To consider issues related to code implementation and national standards.
Craig J. Wilcox, S.E., M.ASCE, Chair
Terry L. Barnett, P.E., M.ASCE
Mustafa Mahamid

SEI Engineering Philosophy Committee
Purpose: To investigate how each branch of philosophy applies to structural engineering, and to
explain how philosophy is relevant to current issues in the profession.
Jon A. Schmidt, P.E., BSCP, M.ASCE, Chair
Irfan A. Alvi, P.E., M.ASCE
William M. Bulleit, Ph.D., P.E., M.ASCE

Joint SEI-CASE Committee on BIM
Purpose: To keep abreast of recent developments and disseminate information about Building Information
Modeling.
William F. Ikerd II, P.E., M.ASCE, Co-Chair
SEI COMMITTEES

Michael J. Bolduc, P.E., M.ASCE, Vice-Chair
Martha J. Averso, P.E., M.ASCE
Timothy M. Barnard, P.E., M.ASCE
Thomas A. Farane, P.E., M.ASCE
Andrew W. Gayer, P.E., S.E., M.ASCE
Gokhan Gelisen, P.E.
Jorn E. Halle, P.E., M.ASCE
Erik Kneer, P.E., S.E., M.ASCE
Nawari Nawari, P.E., M.ASCE
David J. Odeh, P.E., F.SEI, M.ASCE
Kurt D. Swensson, P.E., M.ASCE
Brian M. Volpe, P.E., M.ASCE
Lisa M. Willard, P.E., M.ASCE
Mark Willey, P.E.

SEI Professional Activities Committee
Purpose: To address issues that relate to the regulatory affairs and professional development.

Gregg E. Brandow, Ph.D., P.E., S.E., M.ASCE, Chair
Randall P. Bernhardt, P.E., F.SEI, M.ASCE
Edwin T. Huston, P.E., F.SEI, M.ASCE

SEI Public Relations Committee
Purpose: To address issues that relate to the public image of professional structural engineers.

Cheng Lok C. Hing, Ph.D., P.E., F.SEI, F.ASCE, Chair
Craig A. Copelan, P.E., F.SEI, M.ASCE
Joyce E. Copelan
Particia Harburg-Petrich, A.M.ASCE
Takahiko Kimura, P.E., F.SEI, M.ASCE
Ronald F. Nelson, P.E., F.SEI, M.ASCE
Irene Trofimova, P.E.

SEI Codes & Standards Activities Division
Purpose: Shall coordinate all activities of ASCE related to the use, establishment, or discontinuation of standards in the area of buildings.

SEI Codes & Standards Activities Division Executive Committee
Chris D. Poland, P.E., S.E., F.SEI, M.ASCE, Chair
Edward M. DePaola, P.E., F.SEI, M.ASCE
Ronald O. Hamburger, P.E., F.SEI
Mike Pfeiffer
Fahim Sadek, Ph.D., P.E., M.ASCE
Donald R. Scott, P.E., S.E., F.SEI, M.ASCE
Kenneth L. Sharpless, P.E., M.ASCE
Stephen S. Szoke, P.E., M.ASCE
Jennifer L. Goupil, P.E., M.ASCE, ASCE Staff Staff

Corresponding Members
David R. Bonneville, M.ASCE
Bradford K. Douglas, P.E., M.ASCE
Bonnie E. Manley, P.E., M.ASCE

ASCE 7-16 Minimum Design Loads For Buildings and Other Structures
Purpose: To define magnitudes of loads suitable for the design of buildings and other structures, including dead loads from the weight of construction materials and fixed installations, live loads caused by the user, and environmental loads such as those which arise from the effects of wind, snow, and earthquakes. Develop loading criteria for ensuring safety, serviceability, and integrity which are applicable to a wide class of construction technologies.

Ronald O. Hamburger, P.E., F.SEI, Chair
James G. Soules, P.E., S.E., F.SEI, F.ASCE, Vice-Chair
Jennifer L. Goupil, P.E., M.ASCE, Secretary
Farid Alfawakhiri, Ph.D., P.E., M.ASCE
Leoneil I. Almanzar, P.E., F.SEI, M.ASCE
Iyad M. Alsamsam, PH, BSCP
Robert E. Bachman, P.E., F.SEI, M.ASCE
Richard M. Bennett, Ph.D., P.E., M.ASCE
Russell A. Berkowitz
David G. Brinker, P.E., S.E., M.ASCE
Ray A. Bucklin, Ph.D., P.E., M.ASCE
Craig W. Bursch, P.E., M.ASCE
Alexander Bykovtsev, Ph.D., P.E.
James R. Cagley, P.E., M.ASCE
Dominic Campi, S.E., M.ASCE
Alan Carr
Charles J. Carter, Ph.D., S.E., P.E., M.ASCE
Damayanti Chaudhuri, P.E., M.ASCE
Robert N. Chittenden, P.E., F.ASCE
Gary Y. Chock, S.E., F.SEI, M.ASCE
Ronald A. Cook, Ph.D., P.E., M.ASCE, F.SEI
William L. Coullbourne, P.E., M.ASCE, F.SEI
Jay H. Crandell, P.E., M.ASCE

Contact
Jennifer L. Goupil, P.E., M.ASCE

ASCE 7-16 Subcommittee on General Structural Requirements
To develop proposed revisions to General Structural Requirements of ASCE 7-10.
Robert G. Pekelnicky, P.E., S.E., M.ASCE, Chair
Farid Alfawakhiri, Ph.D., P.E., M.ASCE
Robert E. Bachman, P.E., F.SEI, M.ASCE
William F. Baker Jr., P.E., F.SEI
David R. Bonnieville, M.ASCE
Gary Y. Chock, S.E., F.SEI, M.ASCE
Bruce R. Ellingwood, Ph.D., P.E., F.EMI, Dist.M.ASCE
Theodore V. Galambos, Ph.D., P.E., F.SEI, M.ASCE
Satyendra K. Ghosh, M.ASCE
Ramon E. Gilsanz, P.E., F.SEI, M.ASCE
Lawrence G. Griffis, P.E., F.SEI, M.ASCE
Ronald O. Hamburger, P.E., F.SEI
James R. Harris, Ph.D., P.E., F.SEI, M.ASCE
John L. Harris III, P.E., S.E., M.ASCE
John D. Hooper, P.E., S.E., M.ASCE
Marc L. Levitan, A.M.ASCE
Philip Line, M.ASCE
Therese M. McAllister, P.E., F.SEI, M.ASCE
Brian J. Meacham
Michael O’Rourke, Ph.D., P.E., F.EMI
Raymond P. Moehle, Ph.D., P.E., F.EMI, Dist.M.ASCE
Michael Willford

ASCE 7-16 Subcommittee on Load Combinations
To develop proposed revisions to Load Combinations of ASCE 7-16.
Therese M. McAllister, P.E., F.SEI, M.ASCE, Chair
Iyad M. Alsamsam, PH, BSCP
Bruce R. Ellingwood, Ph.D., P.E., F.EMI, Dist.M.ASCE
Theodore V. Galambos, Ph.D., P.E., F.SEI, M.ASCE
James R. Harris, Ph.D., P.E., F.SEI, M.ASCE
Nestor R. Iwankiw, P.E., M.ASCE
Daniel G. Howell, P.E., S.E., M.ASCE
William L. Shoemaker, Ph.D., P.E., M.ASCE, F.SEI
James G. Soules, P.E., S.E., F.SEI, F.ASCE
Yue Li, A.M.ASCE
Philip Line, M.ASCE
John V. Loscheider, P.E., M.ASCE
Sanjeet R. Malashe, P.E., S.E., F.ASCE
Robert G. Pekelnicky, P.E., S.E., M.ASCE
Rose A. Rodriguez, P.E., S.E., M.ASCE
Scott A. Russell, P.E., M.ASCE
William L. Shoemaker, Ph.D., P.E., M.ASCE, F.SEI
James G. Soules, P.E., S.E., F.SEI, F.ASCE
Jason J. Thompson
Naiyu Wang, A.M.ASCE

ASCE 7-16 Subcommittee on Dead and Live Loads
To develop proposed revisions to Dead and Live Loads of ASCE 7-16.
Harry B. Thomas, P.E., F.SEI, M.ASCE, Chair
Robert J. Dayhoff, M.ASCE
Manuel A. Diaz, Ph.D., P.E., M.ASCE
Bradford K. Douglas, P.E., M.ASCE
Donald Dusenberry, P.E., F.SEI, F.ASCE
Cole Graveen, P.E., M.ASCE
John V. Loscheider, P.E., M.ASCE
Mustafa A. Mahamid, Ph.D., P.E., S.E., M.ASCE
Albie E. Perry, P.E., M.ASCE
William L. Shoemaker, Ph.D., P.E., M.ASCE, F.SEI
David A. Steele, P.E., M.ASCE
Marci S. Uihlein, P.E., M.ASCE

ASCE 7-16 Subcommittee on Flood Loads
Purpose: To develop proposed revisions pertaining to Flood Loads.
Christopher P. Jones, P.E., M.ASCE, Chair
William L. Coulbourne, P.E., M.ASCE, F.SEI
Daniel T. Cox
Carol Friedland, P.E., M.ASCE
Daniel G. Howell, P.E., S.E., M.ASCE
Long T. Phan, P.E., M.ASCE
H. R. Riggs, Ph.D., P.E., M.ASCE
Seth A. Thomas, P.E., M.ASCE

ASCE 7-16 Subcommittee on Tsunami Loads and Effect
Purpose: To develop provisions pertaining to Tsunami Loads and Effect.
Gary Y. Chock, S.E., F.SEI, M.ASCE, Chair
Robert E. Bachman, P.E., F.SEI, M.ASCE
Michael J. Briggs, P.E., D.CE, D.OE
Kwok F. Cheung, Ph.D., P.E., M.ASCE
William L. Coulbourne, P.E., M.ASCE, F.SEI
Daniel T. Cox
Martin L. Eskijian, P.E., D.PE, M.ASCE
Mathew J. Francis, P.E., M.ASCE
Robert B. Haehnel
John D. Hooper, P.E., S.E., M.ASCE
Christopher P. Jones, P.E., M.ASCE
David L. Kriebel, P.E., D.CE, M.ASCE
Patrick J. Lynett, Ph.D., M.ASCE
Michael G. Mahoney
Clay J. Naito, P.E., M.ASCE
Ioan Nistor, Ph.D., F.Eng, M.ASCE
Dan Palermo
Catherine M. Petroff, P.E., M.ASCE
Long T. Phan, P.E., M.ASCE
H R. Riggs, Ph.D., P.E., M.ASCE
Ian N. Robertson, P.E., S.E., M.ASCE
Hong K. Thio
Seth A. Thomas, P.E., M.ASCE
Susan Tonkin, P.E., M.ASCE
Ted W. Trenkwalder, P.E., M.ASCE

John W. Van De Lindt, Ph.D., M.ASCE
Yong Wei
Rick I. Wilson, CEG, A.M.ASCE
Solomon C. Yim, Ph.D., F.ASCE
Kent Yu, P.E., S.E., M.ASCE

ASCE 7-16 Subcommittee on Snow & Rain Loads
Purpose: To develop proposed revisions to Snow Loads and Rain Loads of ASCE 7-16.

Michael O’Rourke, Ph.D., P.E., F.SEI, M.ASCE, Chair
Timothy J. Allison, A.M.ASCE
John Cocca, A.M.ASCE
Bradford K. Douglas, P.E., M.ASCE
John F. Duntemann, P.E., M.ASCE
Gary J. Ehrlich, P.E., M.ASCE
James M. Fisher, Ph.D., P.E., Dist.M.ASCE
Douglas L. Gadow, P.E., S.E., M.ASCE
James R. Harris, Ph.D., P.E., F.SEI, M.ASCE
Thomas B. Higgins, P.E., S.E., M.ASCE
Daniel G. Howell, P.E., S.E., M.ASCE
Nicholas Isyumov, P.E., F.EMI, F.ASCE
Aaron R. Lewis, A.M.ASCE
Scott A. Lockyear, A.M.ASCE

ASCE 7-16 Subcommittee on Atmospheric Ice Loads
Purpose: To develop proposed revisions pertaining to atmospheric ice loads to of ASCE 7-16.

Alan B. Peabody, P.E., M.ASCE, Chair
Maggie Emery, Vice-Chair
Jamey M. Bertram, P.E., M.ASCE
David G. Brinker, P.E., S.E., M.ASCE
Joseph A. Catalano
Karen Finstad
Asim K. Haldar
Kathleen F. Jones
Jack N. Lott
Lawrence M. Slavin, A.M.ASCE
Ronald M. Thorkildson

ASCE 7-16 Subcommittee on Wind Loads
To develop proposed revisions to Wind Loads of ASCE 7-16.

Donald R. Scott, P.E., S.E., F.SEI, M.ASCE, Chair
Cherylyn Henry, P.E., M.ASCE, Secretary
Roger A. Adaddell, P.E., M.ASCE
Timothy J. Allison, A.M.ASCE
Jeffrey P. Arneson, P.E.
James R. Bailey, P.E., FASCE
Appupillai B. Baskaran, Ph.D., P.Eng, M.ASCE
Jamey M. Bertram, P.E., M.ASCE
Rudraprasad Bhattacharya, M.ASCE
Daryl W. Boggs, P.E., M.ASCE
Finley A. Charney, FASCE
Gary Y. Chock, S.E., F.SEI, M.ASCE
David L. Conrad, P.E., M.ASCE
Ronald A. Cook, Ph.D., P.E., M.ASCE, F.SEI
Anne D. Cope, Ph.D., P.E., M.ASCE
William L. Coulbourne, P.E., M.ASCE, F.SEI
Jay H. Crandell, P.E., M.ASCE
Richard J. Davis, P.E., M.ASCE
Pedro Paulo M. De Figueiredo, P.E., M.ASCE
Bradford K. Douglas, P.E., M.ASCE
John F. Duntemann, P.E., M.ASCE
Joffrey Easley, P.E., M.ASCE
Gary J. Ehrlich, P.E., M.ASCE
Donna L. Friis, P.E., F.SEI, M.ASCE
Jon K. Galsworthy, P.E., M.ASCE
Arindam Gan Choudhury III, Ph.D., A.M.ASCE
Charles B. Goldsmith
Jennifer L. Goupil, P.E., M.ASCE
Dennis W. Graber, P.E., L.S., M.ASCE
Lawrence G. Griffis, P.E., F.SEI, M.ASCE
Gilliam S. Harris, P.E., FASCE
Joseph R. Hetzel, P.E., M.ASCE
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Nicholas Isyumov, P.E., F.EMI, F.ASCE
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Ahsan Karzemi, Ph.D., F.EMI, Dist.M.ASCE
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Daniel L. Lavrich, P.E., FASCE, F.SEI
Christopher W. Letchford, DPhil, CPEng, F.SEI, F.ASCE
Marc L. Levitan, A.M.ASCE
Athletic Field Lighting Standards Committee

Purpose: To develop a standard for the proper specification, design, installation, and on-going maintenance of athletic field, or other similar large area lighting system support structures.

Chair: Brian R. Reese, P.E., M.ASCE

Corey Lines

Blast Protection of Buildings Standards

Purpose: To develop standards for blast resistance design and construction of new and existing structures.

Chair: Donald Dusenberry, P.E., F.ASCE, F.SEI

Andrew Hart, Aff.M.ASCE

Owen L. Hewitt, P.E.
Design Loads on Structures during Construction Standards

Purpose: To develop standards for design loads on construction related structures.

Robert T. Ratay, Ph.D., P.E., F.SEI, F.ASCE, 
Chair
Cosema E. Crawford, P.E., M.ASCE
John S. Deerkoski, P.E., F.ASCE
John F. Duntemann, P.E., M.ASCE
Donald Dusenberry, P.E., F.SEI
Alan Fisher, P.E., M.ASCE
Noel J. Gardner
David H. Glabe, P.E., M.ASCE
Ram A. Goel, P.E., FASE
Allan H. Gold, P.E., S.E., R.A., FASE
Vijayalakshmi Gopalrao, Aff.M.ASCE
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David Endorf, P.E., M.ASCE
Majid R. Farahani, P.E., M.ASCE
Michael R. Gall, P.E.
Jonathan P. Girard, P.E., M.ASCE
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James A. Hamraie, M.ASCE
Michael C. Heikens, P.E., M.ASCE

John V. Loscheider, P.E., M.ASCE
Bob Glenn Mc Cullough, P.E., M.ASCE
Thomas J. Mean Jr., P.E., FASE
Brian Medcalf, P.E., M.ASCE
Joel Moskowitz, P.E., D.GE, M.ASCE
Joe N. Nunery, P.E., M.ASCE
Dai H. Oh, P.E., M.ASCE
David B. Peraza, P.E., M.ASCE
Max L. Porter, Ph.D., P.E., F.SEI, Dist.M.ASCE
Emil Simiu, Ph.D., P.E., F.EMI, FASE
John M. Simpson, P.E., M.ASCE
James G. Souls, P.E., S.E., F.SEI, FASE
Cris Subrizi, P.E., M.ASCE
Bruce A. Suprenant, P.E., M.ASCE
Raymond H R. Tide, Ph.D., P.E., FASE
Vincent Tirolo Jr., P.E., M.ASCE
Ronald W. Welch, Ph.D., P.E., M.ASCE
Michael A. West, P.E., F.SEI, FASE
Terry K. Wright, P.E., M.ASCE
Rubin M. Zallen, P.E., FASE

Design of Steel Transmission Pole Structures Standards

Purpose: To develop a standard for the design of steel transmission poles.

Kenneth L. Sharpless, P.E., M.ASCE, Chair
Richard F. Aichinger, P.E., M.ASCE
Adam J. Beyer, P.E., M.ASCE
J Kelly Bledsoe, P.E., L.S., M.ASCE
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Massoud Khavari, P.E., M.ASCE
John P. Koprucki, S.M.ASCE
Robert W. Kruse
Paul M. Legrand II, P.E., M.ASCE
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William L. Magee, P.E., M.ASCE
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William B. Mills, P.E., M.ASCE
Michael R. Morel, P.E., M.ASCE
George E. Murray Jr., P.E., M.ASCE
David Nahlen, P.E., M.ASCE
Robert E. Nickerson, P.E., F.SEI, M.ASCE
Wesley Oliphant
Ronald E. Randle, P.E., F.SEI, M.ASCE
William J. Reisdorff Jr., P.E., M.ASCE
Design of Steel Transmission Towers Standards

Purpose: To develop a standard for design of steel transmission towers using the updated ASCE Manual 52 Guide for Design of Steel Transmission Structures as a resource document, as updated in ASCE 10 Standard.

Robert E. Nickerson, P.E., F.SEI, M.ASCE, Chair
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Willem L. Estertuizen
George E. Fortney, P.E., F.ASCE
Charles Garcia
Magdi F. Ishac, P.E., P.Eng, F.ASCE
William Johnson, P.E., M.ASCE

Disproportionate Collapse Mitigation of Building Structures Standards

To develop a consensus standard for disproportionate collapse mitigation of building structures. The content of the standard will be based on available technical information including the technical documents produced by the SEI/TAD disproportionate collapse committee, the GSA/DoD Guide, other available guides and standards, and published research papers and reports.

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Jared Brewe
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Mehrdad Sasani, P.E., M.ASCE
Robert Smilowitz, Ph.D., P.E., M.ASCE
Earthquake Actuated Automatic Gas Shutoff Systems Standards

Purpose: To develop standards for earthquake actuated automatic gas shutoff Systems as updates of ASCE 25 Standard.

Fiber Composites and Polymers Standards

Purpose: To develop standards for design, fabrication, and erection of composite structural members for buildings and constructed facilities and for design and installation of plastic pipe for sewer forensic non-pressure gravity flow and underdrain applications.

Fiberglass Reinforced Plastics Stacks Standards

Purpose: Create a consensus standard for the design, fabrication, erection and maintenance of freestanding, self-supporting, wind-exposed FRP stacks.
Fiberglass Walkway Gratings Standards

Purpose: To develop a national consensus standard for fiberglass walkway gratings.

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Keith A. Steurer, Secretary
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Michele J. McHenry, P.E., M.ASCE
James G. Vaughan
David Wolf
Abdul-Hamid Zureick, Ph.D., M.ASCE

Flood Resistant Design and Construction Standards

Purpose: To develop standards for flood resistant design and construction.

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John Squerciati, P.E., M.ASCE
Terri L. Turner
Robert A. Wessel
Thomas G. Williamson, P.E., F.ASCE, F.SEI
Garland Wilson, P.E., M.ASCE

Masonry Standards Joint Committee

Purpose: Develop and maintain design and construction standards for adoption or incorporation into building codes regulating masonry construction. (Joint With The Masonry Society, American Concrete Institute 530 and SEI.)

Richard M. Bennett, Ph.D., P.E., M.ASCE, Chair
Gerald A. Dalrymple, Secretary
Jason J. Thompson, Secretary
Daniel Abrams
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Diane Throop
Charles J. Tucker, P.E., M.ASCE
Scott W. Walkowicz, P.E.
David B. Woodham, P.E.

Seismic Analysis of Safety-Related Nuclear Structures Standards

Purpose: To advance the development and coordination of nuclear engineering standards as related to the practice of civil engineering. As appropriate, standards will be written and committee activities will be coordinated with other nuclear standard writing organizations for maximum effectiveness as updates of ASCE 4 Standard.
Robert C. Murray, D.Eng., P.E., M.ASCE, Chair
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Robert P. Kennedy, Ph.D., P.E., M.ASCE
Sanjeev R. Malushte, P.E., S.E., F.ASCE
Toyoaki Nogami, A.M.ASCE

Task Committee on Dynamic Analysis of Nuclear Structures
Purpose: To serve as a working group for the maintenance and updating of ASCE/SEI 4 on dynamic analysis of nuclear structures.

Michael W. Salmon, P.E., M.ASCE, Chair
Jeremy Aartun Sr., P.E., S.E.
F. George Abatt, Ph.D., P.E., M.ASCE
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John S. North, M.ASCE
Dragos A. Nuta, M.ASCE
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Raj S. Rajagopal, Ph.D., P.E., M.ASCE
Mark J. Russell, P.E.
Jaspal S. Saini, P.E., M.ASCE
Subir K. Sen, P.E., M.ASCE
Mohamed K. Shams, P.E.
Stephen A. Short, P.E., M.ASCE
Robert E. Spear
John D. Stevenson, Ph.D., P.E., M.ASCE
Matthew J. Tobolski, Ph.D., P.E., S.E., M.ASCE
Kiranchandra M. Vashi, Ph.D., P.E., M.ASCE
Derrick A. Watkins
William White, Ph.D., P.E., M.ASCE
Andrew S. Whittaker, Ph.D., S.E., M.ASCE
Jim Xu
Zia Zafir, P.E., M.ASCE

Seismic Retrofit of Existing Buildings Standards
Purpose: To develop consensus standards for the seismic evaluation and rehabilitation of existing buildings.

Chris D. Poland, P.E., S.E., F.SEI, M.ASCE, Chair
Robert G. Pekelnicky, P.E., S.E., M.ASCE, Secretary
Ian D. Aiken, P.E., M.ASCE
William D. Allen, M.ASCE
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Geoff Bomba
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Kyle Chatman
James H. Collins, M.ASCE
Paul P. Cordova
Martin A. Cuadra
Jeff J. Dragovich, P.E., M.ASCE
Anindya Dutta
Chris Duvall

Jim Xu
Stainless Steel Cold-Formed Sections Standards

**Purpose:** To develop standards for the design of cold-formed stainless steel sections using the AISI Cold-Formed Structural Design Manual 1974 Edition as a resource document.

**Kim J. Rasmussen, Chair**

**Shin-Hua Lin, Secretary**

**Paul Armstrong**

**Prodyot K. Basu, P.E., F.ASCE**

**Adrian F. Dier, P.E., CP, M.ASCE**

**Mark W. Fantozzi, P.E., M.ASCE**

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**Tianyi Yi, A.M.ASCE**

**Wade Y. Younie, P.E., M.ASCE**

**Daniel Zepeda**
Structural Applications of Steel Cables for Buildings

Purpose: To revise ASCE Standard 19-96 considering technological advances in materials, structural analysis, research, and construction methods. The Standard is to state requirements for the structural design, construction contract documents, shop drawings, fabrication, and installation of cables for use as structural elements of buildings and pedestrian bridges.

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Timothy W. Klein
James M. Ronning, P.E., M.ASCE
Habib Tabatabai, P.E., S.E., M.ASCE
David E. Wallace, P.E.

Structural Condition Assessment and Rehabilitation of Buildings

Purpose: To identify engineering issues, develop solutions, and prepare consensus standards for the structural condition assessment and rehabilitation of buildings. This will include the assessment of materials, components and systems; identification of risks and setting of priorities; and selection and implementation of strengthening techniques.

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Jeffrey A. Travis, P.E., M.ASCE
Brian E. Trimble, P.E., M.ASCE
Gary I. Udall, R.A., A.M.ASCE

Subcommittee on Condition Assessment of the Building Envelope

Purpose: To identify needs and to develop standard guidelines containing procedures for the condition assessment of existing building walls and roofs. Only those issues affecting structural integrity will be considered. The guidelines will cover load bearing and non-load bearing walls, fenestrations, cornices, parapets and ornamentation. Roof systems to be covered include the primary load carrying system, and membrane and other water proofing systems. Whenever possible, existing standards for evaluating the performance of the building envelope will be referenced.

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Michael J. Lavalle
Graham Mark
Rusk Masih, Ph.D., Aff.ASCE
Kirk I. Mettam, P.E., M.ASCE
Paul L. Millman, P.E., M.ASCE
Ronald J. Morony
Joseph F. Neussendorfer
Anthony J. Pagnotta, P.E., M.ASCE
Subcommittee on Structural Condition Assessment of Existing Buildings

Purpose: To identify needs and to develop consensus standards for the condition assessment of existing building structure including the overall evaluation process and specific considerations of building materials, components and systems. Both documentation of available condition assessment methods and formulation of new procedures will be included.

George R. Mulholland, P.E., M.ASCE, Chair
Melvyn Green, P.E., F.ASCE, Secretary
Charles E. Bacchus, Ph.D., P.E., M.ASCE
Prodyot K. Basu, P.E., F.ASCE
Carl A. Baumert, P.E., M.ASCE
Kasi V. Bendapudi, P.E., S.E., M.ASCE
Viggo Bonnesen, P.E., F.ASCE
James Brown, P.E., L.S., F.ASCE
James R. Clifton
Robert H. Falk
Richard M. Gensert, P.E.
Satyendra K. Ghosh, M.ASCE
V. Gopinath
Michael C. Henry, P.E., M.ASCE
James A. Hill, P.E.
Charles J. Hookham, P.E., M.ASCE
Jin Long Huang, P.E.
Samuel L. Hunter
Nestor R. Iwankiw, P.E., M.ASCE
Wen-Chen Jau, Ph.D., A.M.ASCE
Charles J. Kanapicki, P.E., M.ASCE
Jack Kayser, P.E.
Mahadeh Kandas, P.E., F.ASCE
Dennis Kutch, P.E., M.ASCE
Jim E. Lapping, P.E., M.ASCE
Arnold N. Lowing, P.E., M.ASCE
Charles R. Magadini, P.E., L.S., F.ASCE
Richard McConnell, Ph.D., P.E.
Kirk I. Mettam, P.E., M.ASCE
Joseph F. Neussendorfer
Dai H. Oh, P.E., M.ASCE
Anthony J. Pagnotta, P.E., M.ASCE
Celina U. Penalba, M.ASCE
James Pielert, P.E., F.ASCE
Laurence Pockras, P.E.
Denis C. Pu, P.E.
Janah A. Risha, P.E., M.ASCE
Randolph R. Tilton, P.E., M.ASCE
Robert J. Schaffhausen, P.E., M.ASCE
Paul A. Seaburg, Ph.D., P.E., F.ASCE
Clayton R. Steele
Brian E. Trimble, P.E., M.ASCE
Donald R. Uzarski, Ph.D., P.E., M.ASCE
C.R. Wagus
Richard Walker
Frederick L. Walters
Joseph A. Wintz III, J.D., P.E.
Wind Tunnel Testing Standards

Purpose: To provide minimum requirements for wind tunnel tests to determine wind loads on and response of buildings and other structures.

Ramon E. Giilsanz, P.E., F.SEI, M.ASCE
Gene S. Sanders, P.E.

SEI Local Activities Division

Purpose: The Local Activities Division (LAD) shall be responsible for, but not limited to, interacting and providing the technical and professional services of the Institute to the Local Groups. It shall serve as the communications mechanism for Local Groups to express needs and make recommendations to the Board of Governors. The Division shall develop and recommend programs and activities related to improving two-way communication between the Institute and Local Groups.

SEI Local Activities Division Executive Committee

Donna L. Friis, P.E., F.SEI, M.ASCE
Sivaji Senapathi, P.E., M.ASCE, F.SEI
Cheng Lok C. Hing, Ph.D., P.E., F.SEI, F.ASCE
Dale R. Thomas, P.E., M.ASCE
Chad M. Schrand, P.E., S.E., M.ASCE
Victor E. Van Santen, P.E., S.E., F.SEI, M.ASCE

Chairs of the Local SEI Chapters and Structural Technical Groups

Can be found at www.asce.org/SEI.

SEI Austin Chapter
SEI Boston Chapter
SEI Central Pennsylvania Chapter
SEI Cleveland Chapter
SEI Colorado Chapter
SEI Dallas Chapter
SEI Delaware Chapter
SEI East Central Florida Chapter
SEI Ft. Worth Chapter
SEI Georgia Chapter
SEI Houston Chapter
SEI Illinois Chapter
SEI Illinois Valley Chapter
SEI Kansas City Chapter
SEI Lehigh Valley Chapter
SEI Technical Activities Division

(Authorized April 7, 1924) Purpose: To advance the science of structural design by increasing the knowledge of the physical properties of engineering materials, developing methods of analysis, studying the relative merits of various types of structures and methods of fabrication and disseminating knowledge relating to this division of the engineering profession.

SEI Technical Activities Division Executive Committee
(All terms expire in October)
Sheila R. Duwadi, P.E., M.ASCE, Chair
Robert E. Nickerson, P.E., F.SEI, M.ASCE, Vice-Chair
Jerome F. Hajjar, Ph.D., P.E., F.SEI, F.ASCE, Secretary
Andrew W. Herrmann, Pres.12.ASCE, P.E., F.SEI
Ahsan Kareem, Ph.D., F.EMI, Dist.M.ASCE
Sashi K. Kunnath, Ph.D., P.E., F.SEI, F.ASCE
Dennis R. Mertz, P.E., F.SEI, M.ASCE
Susan L. Reid, Aff.M.ASCE, ASCE Staff Contact

Liaison-Applied Technology Council (ATC)
Roberto T. Leon, Ph.D., P.E., F.SEI, F.ASCE

Liaison-Structural Stability Research Council (SSRC)
Donald W. White, Ph.D., M.ASCE

Liaison-Council on Tall Buildings and Urban Habitats
Ahsan Kareem, Ph.D., F.EMI, Dist.M.ASCE

Liaison-Technical Council on Forensic Engineering
Leonard J. Morse-Fortier, P.E., M.ASCE

Liaison-International Association for Bridge & Structural Engineers
Ahsan Kareem, Ph.D., F.EMI, Dist.M.ASCE

Administrative Committees

SEI Awards Committee
Purpose: To recommend recipients of the Walter L. Huber CE Research Prizes, the Norman Medal, the J. James R. Cross Medal, the Arthur M. Wellington Award, the ASCE State-of-the Art Award, the Moisseiff Award, the T.Y. Lin Award, the Raymond C. Research Reese Research Prize, the Alfred Noble Prize, the Shortridge Hardesty Award, George Winter Award, Innovations in Transmission Line Engr. Award, Collingwood Prize, Nathan M. Newmark Medal, and the Ernest E. Howard Award, under the rules established for these awards as stated in the Official Register of the Society.
Satish Nagarajaiah, Ph.D., F.SEI, M.ASCE, Chair
Ahsan Kareem, Ph.D., F.EMI, Dist.M.ASCE
Dennis R. Mertz, P.E., F.SEI, M.ASCE
Charles W. Roeder, Ph.D., P.E., F.SEI, M.ASCE

SEI Publications Committee
Purpose: To administer the review, editing and approval for publication of papers in the items in the field of interest of this Division, subject to review of procedures by the Executive Committee of the Division, and in accord with the policies established by the Society.
Sherif El-Tawil, Ph.D., P.E., F.ASCE, F.SEI, Chair & Editor
Anil K. Agrawal, Ph.D., P.E., F.SEI, M.ASCE, Editor
Anatol Longinow, Ph.D., P.E., M.ASCE, Editor
M Asghar Bhatti, Ph.D., P.E., F.ASCE, Associate Editor
Kurtis R. Gurley, A.M.ASCE, Associate Editor
Judy Liu, A.MASCE, Associate Editor
John W. Van De Lindt, Ph.D., M.ASCE, Associate Editor
Administrative Committee On Continuing Education (ACCE)

Purpose: To develop a program for delivery of practically oriented continuing education courses and seminars to assist structural engineers maintain and improve technical competence.

John O. Grieshaber, P.E., S.E., F.SEI, M.ASCE, Chair
Patrick R. McCormick, P.E., F.SEI, M.ASCE
Sivaji Senapathi, P.E., M.ASCE, F.SEI
Cynthia S. Smith, P.E., M.ASCE, F.SEI
Donna M. Gumenuk, Aff.M.ASCE, ASCE
Susan L. Reid, Aff.M.ASCE, ASCE Staff Contact

Technical Committees

Analysis and Computation

Purpose: To report, encourage development of, and evaluate innovative methods of structural analysis; to foster use of digital computer and other modern computing devices to obtain more effective analyses and improved designs; to encourage the development and reporting of innovations in the use of computers that may have practical significance; and to report on professional problems involving multi-disciplinary use of computers. Technical Administrative:

Christopher M. Foley, Ph.D., P.E., M.ASCE, Chair
Richard E. Christenson, Ph.D., A.M.ASCE
James K. Guest, Ph.D., A.M.ASCE
Christopher L. Mullen, P.E., M.ASCE
Susan L. Reid, Aff.M.ASCE, ASCE Staff Contact

Methods of Analysis

Purpose: To report, encourage development of, and evaluate methods of structural analysis; to advise the structural engineering community of the state-of-the-art of analytical and computational methods of analysis.

Christopher L. Mullen, P.E., M.ASCE, Chair
Dimitrios Lignos, A.M.ASCE
Kevin R. Mackie, A.M.ASCE
Sriram Narasimhan, Ph.D., P.Eng, M.ASCE
Arun Prakash, Ph.D., A.M.ASCE
Mettupalayam V. Sivaselvan, A.M.ASCE

Optimal Structural Design

Purpose: To further the development of the state-of-the-art of optimal design of structures. The Committee shall encourage and disseminate new developments in practical applications to structural design, and new computation techniques, methodology and algorithms.

James K. Guest, Ph.D., A.M.ASCE, Chair
Chun-Man Chan, P.E., M.ASCE
Christopher W. Erwin, P.E., S.E., M.ASCE
Arkadiusz Mazurek, Ph.D., P.E., M.ASCE
Makoto Ohsaki, M.ASCE
Qian Wang, P.E., M.ASCE
Steven M. Wilkerson, P.E., M.ASCE

Structural Control and Sensing

Purpose: The committee enrolls in integrating and interfacing the discipline of structural control and sensing with the applications and specialties of civil engineering problems. Emphasis will be placed on the computing technology for the development, application and modification of active/passive/semi-active/hybrid control to achieve designed intelligence of civil engineering structures, integrated sensing and control of structures, advanced sensing technologies, control oriented health monitoring, hybrid simulation and real-time hybrid testing.

Richard E. Christenson, Ph.D., A.M.ASCE, Chair
Sriram Narasimhan, Ph.D., P.Eng, M.ASCE, Secretary
Cheng Chen, Ph.D., A.M.ASCE
Gian P. Cimellaro, Ph.D., A.M.ASCE
Oren Lavan, Ph.D., S.E., M.ASCE
Kenneth J. Loh, Ph.D., M.ASCE
Shamim Pakzad, A.M.ASCE
Salam Rahmatalla, Aff.M.ASCE
Keri L. Ryan, A.M.ASCE
Jeff Scruggs, Ph.D., A.M.ASCE
Yang Wang, A.M.ASCE
Zhou Xu, P.E., M.ASCE
Bridges

Purpose: To encourage research on and evaluate methods of analysis, design, erection, and materials utilization for bridges, both new and existing, to report the results of studies on these topics; and to develop specific criteria or code proposals for bridges based on these results. Technical Administrative:

Eric B. Williamson, Ph.D., M.ASCE, Chair
Anil K. Agrawal, Ph.D., P.E., F.SEI, M.ASCE
Charles K. Crane, Ph.D., P.E., M.ASCE
Sheila R. Duwadi, P.E., M.ASCE, EXCOM Contact

Contact Danielle D. Kleinhans, P.E., M.ASCE

Bridge Management, Inspection and Rehabilitation

Purpose: To advance, disseminate and evaluate knowledge concerning all activities, methods, and techniques related to the efficient management of an owner’s inventory of highway bridges including bridge inspection, repair and rehabilitation techniques; to develop information systems, computer software and funding strategies to provide optimal decision making techniques; to interface and coordinate work with appropriate technical committees on bridges and performance of structures.

Anil K. Agrawal, Ph.D., P.E., F.SEI, M.ASCE, Chair
Mark E. Bernhardt, P.E., M.ASCE
Jan Bien, P.E., M.ASCE
Harry A. Capers Jr., P.E., M.ASCE
Nenad Gucunski, A.M.ASCE
Cheng Lok C. Hing, Ph.D., P.E., F.SEI, F.ASCE

Dryver R. Huston, Ph.D., P.E., M.ASCE
Joshua M. Johnson, P.E., M.ASCE
Ehsan Minaie, Ph.D., P.E., M.ASCE
Kelley Rehm, P.E., M.ASCE
Eric K. Thorkildsen, P.E., M.ASCE
Seng Sen Tsai, P.E.

Bridge Security Committee

Purpose: To develop strategies and criteria for the deterrence, disruption, and mitigation of potential terrorist attacks against bridges. The main goal of the committee is to develop the means to reduce the probability of catastrophic structural damage that could result in substantial human casualties, economic losses, and socio-political damage. Start Date October 1, 2004

Charles K. Crane, Ph.D., P.E., M.ASCE, Chair
Harry A. Capers Jr., P.E., M.ASCE
Vincent P. Chiaritto, P.E., M.ASCE
Kelley L. Coy Rehm
Carrie E. Davis, A.M.ASCE
Amber R. Kasbeer, P.E., M.ASCE

Thusitha Kumarasena, P.E., M.ASCE
Daniel G. Linzell, P.E., F.ASCE
James C. Ray, P.E., M.ASCE
George Williams
Zhihua Yi, Ph.D., P.E., M.ASCE

Cable-Supported Bridges

Purpose: To advance knowledge concerning methods of analysis, design, erection and materials utilization for cable supported bridges and component parts; to stimulate research and disseminate information; to keep abreast of recent developments in design and construction of such bridges.

Marwan Nader, P.E., M.ASCE, Chair
Andrew Micklus Jr., P.E., M.ASCE
Felix Nieto, D.Eng., P.E., M.ASCE
Jon D. Raggett, Ph.D., P.E., M.ASCE

K Shawwaf, A.M.ASCE
Joseph W. Smith, P.E., M.ASCE
Steven L. Stroh, P.E., M.ASCE

Concrete Bridge Design (w/ ACI 343)

Purpose: to promote design and construction of concrete bridges; to disseminate technical information as obtained from research, design and construction; to develop a joint committee with ACI so that research and code development can be better organized and promoted.

Danielle D. Kleinhans, P.E., M.ASCE, Chair
Ahmed M. Abdel-Mohti, A.M.ASCE
Hossam M. Abdou, P.E., M.ASCE
John Aidoo, A.M.ASCE
Suhail M. Alhaisi Sr., P.E., M.ASCE
Leonel I. Almanzar, P.E., F.SEI, M.ASCE
Gerald H. Anderson, P.E., M.ASCE

Juan Carlos Araiza Garaygordobil, Ph.D., P.E., M.ASCE
Freydoon Arbabi
Sameh Badie, P.E., M.ASCE
Shrinivas R. Bhile, Ph.D., P.E., S.E., M.ASCE
Bryce Binney, P.E.

Michael C. Brown, Ph.D., P.E., M.ASCE
Christopher A. Bucknor, P.E., M.ASCE
Steel Bridges

Purpose: To provide a forum for synthesizing research results and for developing and disseminating new and improved methods of steel bridge analysis, design, fabrication, erection, and construction; to identify and stimulate research needs and provide input and commentary into the various technical and professional organizations concerned with steel bridges.
**Timber Bridges**

Purpose: To advance knowledge concerning the methods of analysis, design, and erection for timber bridges; to disseminate technical information to the design community; to stimulate research efforts; and to keep abreast with design developments in other countries.

Douglas R. Rammer, P.E., M.ASCE, *Chair*
Travis Hosteng, P.E., M.ASCE

**Concrete and Masonry Structures**

Purpose: To evaluate and correlate theory and research data bearing on the design and construction of structures of reinforced concrete or masonry, especially where related to structures in service, and to report conclusions and recommendations, including the initiation of further research. Technical Administrative:

David H. Sanders, Ph.D., F.ASCE, *Chair*
Daniel A. Kuchma
Sashi K. Kunnath, Ph.D., P.E., F.SEI, F.ASCE, 
EXCOM Contact

**Concrete Shell Design and Construction (w/ ACI 334)**

Purpose: To review, correlate and develop information and promote research on concrete shells and folded plates; to continue development of recommended practice for the analysis, design and construction of concrete shell structures.

Michael D. Hunter, *Chair*
Jason P. South, *Secretary*
John F. Abel, Ph.D., P.E., FASCE
Zdenek P. Bazant, Ph.D., S.E., F.EMI, Hon.M.ASCE

**Design Reinforced Concrete Slabs (w/ ACI 421)**

Purpose: To study problems related to the analysis and design of building and bridge slabs.

Mahmoud E. Kamara, M.ASCE, *Chair*
Mustafa A. Mahamid, Ph.D., P.E., S.E., M.ASCE, *Secretary*
Bijan Aalami, M.ASCE
Scott D. Alexander
Mohamed A. Bakr
Allan P. Bommer
Simon Brown
Development and Splicing of Deformed Bars (W/ ACI 408)

Purpose: To develop and report information on bond, development, and splicing of deformed bars, and anchorage of headed bars.

Lisa R. Feldman, Chair
Adolfo B. Matamoros, Chair
Remy Lequesne, Ph.D., Secretary
Michael K. Thompson, A.M.ASCE, Secretary
Theresa M. Alhborn, P.E., M.ASCE
Rania Al-Hammoud
Mahdi Arezoumandi, S.M.ASCE
Gyorgy L. Balazs
Robert W. Barnes, P.E., M.ASCE
Peter H. Bischoff
Jean-Jacques Braun
JoAnn P. Browning, P.E., M.ASCE
James L. Caldwell, P.E., M.ASCE
Timothy L. Cartwright
Shih-Ho Chao, Ph.D., M.ASCE
Genda Chen, Ph.D., P.Eng, F.ASCE
Oan Chul Choi
Sung-Chul Chun
Douglas B. Cleary, P.E., M.ASCE
Lou Colarusso, A.M.ASCE
Jon Colinares
Thomas E. Cousins, M.ASCE
Benjamin Cross
Christian Dahl, Aff.M.ASCE
Saeed Daniial Mi, M.ASCE
David Darwin, Ph.D., P.E., F.SEI, Dist.M.ASCE
Vitaly V. Degtyarev, Ph.D., P.E., M.ASCE
Richard A. Devries, P.E., M.ASCE
Raufat El-Hacha, M.ASCE
Rolf Eliehausen
Alvin C. Ericson, Aff.M.ASCE
Salem S. Faza, A.M.ASCE
Anthony L. Felder, P.E., M.ASCE
Catherine E. French, Ph.D., P.E., M.ASCE
Werner Fuchs
William C. Gallenz
Brian C. Gerber
Matt Godsey
Scott K. Graham

Jason N. Richards, A.M.ASCE
David M. Rogowsky, P.E.
Aly Said, A.M.ASCE
Eugenio M. Santiago, P.E., M.ASCE
Thomas Schaeffer, P.E., M.ASCE
Sidney H. Simmonds, Ph.D., P.E.
Matthew Smith, P.E., M.ASCE
Susanto Teng, M.ASCE
Ying Tian, A.M.ASCE
Anny R. Trygestad, P.E., M.ASCE
Rana Waseem
Stanley C. Woodson, P.E., M.ASCE

Zachary B. Haber, S.M.ASCE
Bilal S. Hamad, M.ASCE
Mohamed H. Harajli
Kent A. Harries, P.Eng, M.ASCE
Christopher R. Hart, A.M.ASCE
Neil M. Hawkins, Ph.D., F. SEI, Dist.M.ASCE
Steven E. Holdsworth
Amr M. Hosny
Allen J. Hulshizer, P.E., F.ASCE
Josh Ison
James O. Jirsa, Ph.D., P.E., M.ASCE
Slamah Kren
James M. La Fave
Roberto T. Leon, Ph.D., P.E., F.SEI, F.ASCE
Kenneth A. Luttrell
Le Roy A. Lutz, Ph.D., P.E., F.ASCE
Steven L. Mc Cabe, Ph.D., P.E., M.ASCE
Sher A. Mirza, Ph.D., P.E., F.SEI, F.ASCE
Denis Mitchell, Ph.D., P.E., M.ASCE
Theodore A. Mize
Juan Murcia-Delso
Mikael Olsen, Ph.D.
Stavroula J. Pantzopoulou, M.ASCE
Conrad Paulson, P.E., M.ASCE
Carl A. Peterson, P.E., M.ASCE
Max L. Porter, Ph.D., P.E., F.SEI, Dist.M.ASCE
Melvyn Precious
Julio Ramirez, P.E., M.ASCE
Richard A. Ramsey, P.E., M.ASCE
Gangolu A. Rao
Guillermo A. Riveros, P.E., M.ASCE
Ahmad A. Rteil, P.Eng, Aff.M.ASCE
Clifford A. Sabo
James Schroder
Bahram M. Shahrooz, Ph.D., P.E., M.ASCE
Carol K. Shield, P.E., M.ASCE
John F. Silva, S.E., M.ASCE
Robert G. Smith, M.ASCE
Ahmet K. Tureyen, Ph.D.
Parviz Sorouchian, Ph.D., P.E., F.ASCE
James B. Turley
Finite Element Analysis of Reinforced Concrete St (w/ ACI 447)

Purpose: to review, correlate and develop information and to promote research on the finite element analysis of reinforced concrete and masonry structures; to study proposed analytical models, theories, and experimental data so as to make appropriate recommendations for their application in design.

Ganesh Thiagarajan, A.M.ASCE, Chair
Ahmed M. Abdel-Mohni, A.M.ASCE
A Emin Aktian, Ph.D., M.ASCE
Riadh S. Al-Mahaidi, CEng, M.ASCE
Bulent N. Alemdar, A.M.ASCE
Eduardo Arellano Mendez
Farhad Aslani, S.M.ASCE
Fariborz Barzegar, Ph.D., P.E., CEng, M.ASCE
Zdenek P. Bazant, Ph.D., S.E., FEMI, Hon.M.ASCE
Sarah L. Billington, A.M.ASCE
Tulio N. Bittencourt
Johan Blauwendraad
Allan P. Bommer
Oral Buylvokosturk
Ignacio Carol, P.E., M.ASCE
Luigi Cedolin, P.E., M.ASCE
Christian A. Chacon
Wai F. Chen, Ph.D., P.E., Hon.M.ASCE
Mi-Geum Chorzepa
Christopher H. Conley, Ph.D., A.M.ASCE
Carlos A. Coronado, P.E., M.ASCE
Gianluca Cusatis, Ph.D., M.ASCE
Robert A. Dameron, P.E., M.ASCE
Mukti L. Das, Ph.D., P.E., FASCE
James B. Deaton
Jeff J. Dragovich, P.E., M.ASCE
Jason L. Draper
Kelsey T. Edwardsen, P.E., A.M.ASCE
Rob Esplin
Filip C. Filipou, Ph.D., M.ASCE
Kurt Gerste, Ph.D., P.E., FASCE
Walter H. Gerste, Ph.D., P.E., M.ASCE
Wassim M. Ghannoum, A.M.ASCE
Serhan Guner
Robert H. Iding
Anthony R. Ingraffea, Ph.D., FASCE

Fracture Mechanics of Concrete (W/ ACI 446)

Purpose: to develop and report information on the application of fracture mechanics to concrete structures.

Gianluca Cusatis, Ph.D., M.ASCE, Chair
James H. Hanson, P.E., M.ASCE, Secretary
Nemkumar P. Bantha
Zdenek P. Bazant, Ph.D., S.E., FEMI, Hon.M.ASCE
Amanda Bordelom, A.M.ASCE
David M. Boyajian, Ph.D., A.M.ASCE
Alexander Brand, Ph.D., S.M.ASCE
Christian Carloni

William H. Zehrt Jr., P.E., M.ASCE
Jun Zuo
Jeremy Isenberg, Ph.D., P.E., FSEI, Hon.M.ASCE
Gang Lu
Christian Meyer, Ph.D., P.E., FASCE
Yi-Lung Mo, M.ASCE
Hossein Moez
Taraka Ravi S. Mullapudi, Ph.D., A.M.ASCE
Adrian M. Nacarnili
Wassim I. Naguib, P.E.
Hiroshi Noguchi, Ph.D., M.ASCE
Michael O’Leary, D.Eng., A.M.ASCE
Piotr Paczkowski
GuillermoPalacios Jr., S.M.ASCE
Dan Palermo
Tom T. Panayotidi, P.E., M.ASCE
Roberto Piccinin
Gilles Piaudier-Cabot
Syed M. Rahman V
Gangulu A. Rao
Guillermo A. Riveros, P.E., M.ASCE
Prasad M. Samarajiva, M.ASCE
Victor E. Saouma
Hazim Sharhan, P.E., M.ASCE
Myoungsu Shin
Danny Smyl, A.M.ASCE
Rafael A. Souza
Sri Srinivasa, M.ASCE
Frank J. Vecchio, P.E., M.ASCE
Kaspar J. Willam, Ph.D., FEMI, FASCE
Sukit Yindeesuk
Jian Zhao, A.M.ASCE
Rafael A. Souza
Sri Sritharan, M.ASCE
Frank J. Vecchio, P.E., M.ASCE
Kaspar J. Willam, Ph.D., FEMI, FASCE
Sukit Yindeesuk
Jian Zhao, A.M.ASCE

Joints and Connections In Monolithic Concrete St (w/ ACI 352)

Purpose: To study the detail design of joints and connections in monolithic concrete members and develop practical aids for the designer and/or constructor.

Mary Beth D. Hueste, P.E., M.ASCE, Chair
Thomas H. Kang, P.E., M.ASCE, Secretary
Hossam M. Abdou, P.E., M.ASCE
A Emin Aktan, Ph.D., M.ASCE
Sergio M. Alcocer
Fariborz Barzegar, Ph.D., P.E., CPEng, M.ASCE
John F. Bonacci, P.E., P.Eng, M.ASCE
Mikael W. Braestrup
Burcu Burak
James R. Cagley, P.E., M.ASCE
Min-Yuan Cheng
Sung-Chul Chun
Hugh L. Cotton
Marvin E. Criswell, Ph.D., P.E., F.ASCE
James B. Deaton
Jefferey J. Dragovich
Ahmad J. Durrani, Ph.D., P.E., F.ASCE
Mohammed A. El Latif
Luis B. Fargier-Gabaldon
Damon R. Fick, P.E., M.ASCE
Filip C. Filippou, Ph.D., M.ASCE
Catherine E. French, Ph.D., P.E., M.ASCE
Luis E. Garcia, P.E., F.ASCE
Kara Hartleib
John R. Hayes
Shyh-Jiann Hwang, M.ASCE
Theodor Krauthammer, Ph.D., M.ASCE
Michael E. Kreger, Ph.D., P.E., M.ASCE
James M. La Fave

Tibor Pataky, P.E.
Roberto Piccinin
Jaime Planas
Wafa Polies, P.Eng
Pere C. Prat, P.E., M.ASCE
Hans W. Reinhart
Klaus A. Rieder
Guillermo A. Riveros, P.E., M.ASCE
Victor E. Saouma
Surendra Shah, Ph.D., F.EMI, M.ASCE
Zihai Shi, M.ASCE
Jovanca Smith
Peter Stynoski
Wimal Suaris, Ph.D., P.E., M.ASCE
Kolluru V. Subramani, Ph.D.
Ganesh Thiagarajan, A.M.ASCE
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Roman Wendner
Zhishen Wu, M.ASCE
Sungechul Yang
Qiang Yu

Douglas D. Lee, P.E., M.ASCE
Hung-Jen Lee
Craig Leech
Dawn E. Lehman
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Remy Lequesne, Ph.D.
Bing Li
Cheng Ming Lin
Mustafa A. Mahamid, Ph.D., P.E., S.E., M.ASCE
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David W. Mitchell
Nilanjan Mitra
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Bohwan Oh
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Kaiiss F. Sarsam
Richard H. Scott
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Jorge I. Segura, P.E., M.ASCE
Bahram M. Shahrooz, Ph.D., P.E., M.ASCE
Alaa Sheriff
Myoungsu Shin
Precast Concrete Structures (w/ ACI 550)

Purpose: Study and report on the design and construction of precast concrete structures.

Harry A. Gleich, P.E., M.ASCE, Chair
Larbi Sennour, Ph.D., P.E., Secretary
Sriram Aaleti, Aff.M.ASCE
Suzanne Aultman
Mohamed M. Ayad, C.Eng, M.ASCE
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Terry Chung
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Augusto Holmberg
Lakhpal S. Johal, Ph.D., P.E.
Mahmoud E. Kamara, M.ASCE
Jason J. Krohn, P.E., BSCP, M.ASCE
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Samuel Lines
Emily Lorenz, P.E., M.ASCE

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Mahmoud Maamouri, P.E.
Matthew A. Novicki, P.E., M.ASCE
Clifford R. Ohwiler, P.E.
Randy L. Osborne
Victor F. Pizzano Thomen, P.E., M.ASCE
Charles L. Pizzano
Jose I. Restrepo, Ph.D., M.ASCE
Sami H. Rizkalla, Ph.D., P.E., F.ASCE
Joseph Sanders, M.ASCE
James Schroder
Edith G. Smith
Haked A. Soudki
Eric J. Vanduyne
Christopher Vonhondorf
P. Jeffrey Wang, P.E., S.E., M.ASCE
C E Joe Warnes

Prestressed Concrete (W/ACI 423)

Purpose: To continuously evaluate the technical status of prestressed concrete and to recommend to the joint sponsors the formation of any needed technical committees or subcommittees for the study of particular developments, innovations, or problems arising in this field. To publish information and to develop tentative recommendations or recommended practices which incorporate new procedures or correct existing deficiencies; and to study significant research problems and make recommendations.

Carin L. Roberts-Wollmann, P.E., Secretary
Theresa M. Ahlborn, P.E., M.ASCE
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Mohammed M. Ayad
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Florian Barth
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Jun Y. Cha, P.E., M.ASCE
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Thomas E. Cousins, M.ASCE
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Charles W. Dolan, P.E., M.ASCE
James P. Donnelly, P.E., M.ASCE
David A. Dunkman
John F. Duntemann, P.E., M.ASCE
Benjamin Z. Dymond, S.M.ASCE
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Martin J. Fradua, P.E., F.ASCE
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Catherine E. French, Ph.D., P.E., M.ASCE
William L. Gamble, P.E., M.ASCE
Reinforced Concrete Columns (w/ ACI 441)

Purpose: To review and correlate information on the analysis and design of concrete columns including the methods required by various building codes. To suggest, promote, or sponsor experimental research to expand the knowledge of column behavior. To utilize the information thus developed to propose such design provisions for columns as appear desirable.

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Perry E. Adeb
Shahria Alam
Hassan Aouda
Sungjin Bae
Oguzhan Bayrak, M.ASCE
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Rumi Eid
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Asad Esmail, Ph.D., P.E., M.ASCE
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Issam E. Harik, Ph.D., M.ASCE
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Riyadh A. Hindi, P.Eng, M.ASCE
George C. Hoff, P.E.
H R. Horn Jr., Ph.D., P.E., M.ASCE
Cheng-Tzu T. Hsu, Ph.D., P.E., F.ASCE
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Bing Li
Chien-Hung Lin, Ph.D.
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Mustafa A. Mahamid, Ph.D., P.E., S.E., M.ASCE
Adolfo B. Matamors
Sher A. Mirza, Ph.D., F.ASEI, F.ASCE
Hossein Mostafaei, Ph.D., F.ASEI, M.ASCE
Ronald L. O’Kane
Patrick Paul тре, M.ASCE
Santiago Pujol, Ph.D., A.M.ASCE
Franz N. Rad, Ph.D., P.E., F.ASCE
L.N. Ramamurthy
Shear and Torsion (w/ ACI 445)

Purpose: to encourage, guide and correlate research and development work regarding structural concrete members subjected to shear and/or torsion, including effects of flexure, axial loads and prestressing forces acting in combination with shear and/or torsion. To recommend such improvements in design procedures as may be called for by progress and research in engineering practice.

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Sergio M. Alcocer
Scott D. Alexander
Neal S. Anderson
Robert B. Anderson
Mahdi Arefzounmandi, S.M.ASCE
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Evan C. Bentz
Gerdi Birklke
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Timothy E. Bradberry
Mikael W. Braestrup
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Michael D. Brown
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Michael P. Collins, P.E., M.ASCE
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Marc O. Eberhard
Amr El Ragaby, Ph.D., P.Eng, A.M.ASCE
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Neil M. Hawkins, Ph.D., F.ASCE, Dist.M.ASCE
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Theodor Krauthammer, Ph.D., M.ASCE
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John Paul Smith
Matthew Smith, P.E., M.ASCE
Lesley H. Sneed, Ph.D., P.E.
Rafael A. Souza
Sri Srinivasan, M.ASCE
Ahmet K. Tureyen
Dynamic Effects
Purpose: To study and evaluate the magnitude of dynamic forces and their effect upon the behavior of structures. Technical Administrative:

Rakesh K. Goel, Ph.D., P.E., F.ASCE, F.SEI, Chair
Bassem Andrawes, A.M.ASCE
Vincent P. Chiariito, P.E., M.ASCE
Gian P. Cimellaro, Ph.D., A.M.ASCE
Mary W. Goodson, P.E., M.ASCE, F.SEI
Ahsan Kareem, Ph.D., F.EMI, Dist.M.ASCE, EXCOM Contact

Blast, Shock and Impact
Purpose: To study and evaluate the magnitude and effects of shock and impulsive loadings (other than wind or seismic) on structures and their components, and to formulate design criteria and methods to provide adequate resistance or relief from their effects.

Vincent P. Chiariito, P.E., M.ASCE, Chair
Amjad J. Aref, M.ASCE, Vice-Chair
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Robert S. Browning IV, A.M.ASCE
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Bradley W. Foust, A.M.ASCE
Sharon Gallant, P.E., M.ASCE
Mark Gardner, PE., M.ASCE
Lee G. Glascoe, P.E., M.ASCE
Ahmed A. Ibrahim, A.M.ASCE

Structural Dynamics
Purpose: To foster research and practice related to the behavior of civil structures subjected to general dynamic loadings (other than earthquakes, winds, and blast). These include vehicles, trains, pedestrians, industrial work, other ambient loadings, and combinations of multiple loadings simultaneously.

Oren Lavan, Ph.D., S.E., M.ASCE, Chair
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Gordon P. Warn, Ph.D., A.M.ASCE, Secretary
Amjad J. Aref, M.ASCE
Onur Avci, Ph.D., P.E., M.ASCE
Raimondo Bettì, Ph.D., M.ASCE
Ricky A. Cribbs, P.E., S.E., M.ASCE

Multihazard Mitigation
Purpose: To advance the field of multi-hazard engineering and risk mitigation for civil structures, with a particular emphasis on earthquake, wind, wave, and tsunami hazards, by quantifying the effects of
multiple hazards on structural performance, identifying multi-hazard design and analysis methods, and formulating approaches for multi-hazard risk assessment and mitigation.

Jamie E. Padgett, A.M.ASCE, Chair
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Judith Mitrani-Reiser, A.M.ASCE, Secretary
Michele Barbato, P.E., C.Eng, A.M.ASCE
Michel Bruneau, Ph.D., P.Eng, F.ASCE
Zhiqiang Chen, A.M.ASCE
Methee Chiewanichakorn, P.E., S.E., M.ASCE
Dat Duthinh, Ph.D., A.M.ASCE
Elizabeth C. English, Ph.D., A.M.ASCE
Arash Esmaili Zaghi, P.E., M.ASCE
Carol Friedland, P.E., M.ASCE
Daniel G. Howell, P.E., S.E., M.ASCE
Shiling Pei, P.E., M.ASCE
Stephen S. Szoke, P.E., M.ASCE
Zhenghua Wang, S.M.ASCE

Seismic Effects

Purpose: To foster research and practice in the behavior of structures subjected to earthquakes and application of research results to problems in analysis and design of structures, including buildings, offshore structures, concrete dams, storage tanks, and bridges.

Kevin R. Mackie, A.M.ASCE, Chair
Justin D. Marshall, Ph.D., P.E., M.ASCE, Vice-Chair
Gordon P. Warn, Ph.D., A.M.ASCE, Secretary
Arzhang Alimoradi, Ph.D., P.Eng, A.M.ASCE
Swagata Banerjee, A.M.ASCE
Najib Bouanani, P.E., M.ASCE
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Peter Dusicka, M.ASCE
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Jianzhong J. Gu, Ph.D., P.Eng, M.ASCE
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Zhenhua Huang, A.M.ASCE
Kishor S. Jaiswal, Ph.D., P.E., M.ASCE, M.ASCE
Oh-Sung Kwon, D.Eng., M.ASCE
Oren Lavan, Ph.D., S.E., M.ASCE
Yue Li, A.M.ASCE

Disaster Resilience of Structures, Infrastructures, and Communities

Purpose: To foster research and practice related to disaster management and communities sustainability. To study the socio-cultural economic impact of natural disasters, especially earthquakes, but also wind, blast and other ambient loadings. To promote studies, research, principles, methods and applications of loss estimation models for critical infrastructural systems such as hospitals, but also lifelines, and communities in general, considering the economic evaluation of disaster mitigation. The committee will help authorities in making decisions to improve community response and recovery to natural disasters taking into account all the uncertainties of the process.

Gian P. Cimellaro, Ph.D., A.M.ASCE, Chair
Ibrahim M. Almufti, P.E., A.M.ASCE
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Yufeng Hu, P.E., M.ASCE
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Emerging Analysis Methods in Earthquake Engineering

Purpose: To further the advancement and transfer of knowledge in emerging analysis methods in earthquake engineering.

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Swagata Banerjee, A.M.ASCE
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Lucia D. Tirca, Aff.M.ASCE
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Patrick Paultrc, M.ASCE
Andrei M. Reinhold, Ph.D., P.E., F.EMI, F.ASCE
Jian Zhang, Ph.D., A.M.ASCE

Experimental Methods in Earthquake Engineering
Purpose: To further the advancement and transfer of knowledge in the performance of structures and structural systems through experimental testing methods.

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Zhiqiang Chen, A.M.ASCE
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Hussam N. Mahmoud, A.M.ASCE
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Narutoshi Nakata, Ph.D., M.ASCE
Gokhan Pekcan, Ph.D., M.ASCE
Xiaoyun Shao, P.E., M.ASCE

Seismic Evaluation of Structures at Water and Wastewater Facilities
Purpose: To develop a methodology for seismic evaluation and retrofit of water and wastewater facilities similar to those currently available for Building Structures (ASCE 31 and ASCE 41).

Mary W. Goodson, P.E., M.ASCE, F.SEI, Chair
Craig J. Wilcox, S.E., M.ASCE, Vice-Chair
Donald Ballantyne, P.E., M.ASCE, Secretary
John M. Eidinger, P.E., M.ASCE
William F. Heubach, P.E., M.ASCE

Metals
Purpose: Initiate research and evaluate and correlate theories and data bearing on the properties and structural use of metals and report conclusions and recommendations to the Society. Technical Administrative:

Gian Andrea Rassati, P.E., M.ASCE, Chair
Judy Liu, A.M.ASCE, Associate Editor
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Cristopher D. Moen, Ph.D., P.E., M.ASCE
Judy Liu, A.M.ASCE
Sougata Roy, Ph.D., M.ASCE
James A. Swanson, A.M.ASCE
Amit H. Varma, A.M.ASCE
Mark C. Waggoner, P.E., M.ASCE
Susan L. Reid, Aff.M.ASCE, ASCE Staff Contact

Cold-Formed Members
Purpose: To disseminate and interpret information on the behavior and design of structural steel members, cold formed to shape from flat materials; and to stimulate research and the publication of technical papers in this field of activity.

Christopher D. Moen, Ph.D., P.E., M.ASCE, Chair
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James T. Hagedorn II, P.E., M.ASCE
Georgi J. Hall, P.E., M.ASCE
Jay W. Larson, P.E., F.ASCE
Benjamin W Schafer, Ph.D., P.E., M.ASCE
Reynaud L. Serrette, A.M.ASCE
Lip Teh, A.M.ASCE
Cheng Yu, M.ASCE

Composite Construction
Purpose: To study and make design recommendations on composite systems that involve steel structural elements in combination with other materials.

Amit H. Varma, A.M.ASCE, Chair
Michel Brunelle, P.D., P.E., P.Eng, F.ASCE
Mina Dawood, P.Eng, M.ASCE
Zhichao Lai, S.M.ASCE
Roberto T. Leon, Ph.D., P.E., F.SEI, F.ASCE
Judy Liu, A.M.ASCE
Gustavo Parra-Montesinos, Ph.D., M.ASCE
Gian Andrea Rassati, P.E., M.ASCE
Brian Uy, P.E., M.ASCE
Quihong Zhao, P.E., M.ASCE
Design of Steel Building Structures
Purpose: To gather, interpret, and disseminate information relevant to the overall design of steel building structures, with emphasis on the preparation of papers, survey reports, and conference sessions dealing with the design and construction of structures.

Peter J. Cheever, P.E., M.ASCE, Chair
L Allen Adams, P.E., S.E., M.ASCE
Erleen K. Hatfield, P.E., M.ASCE

Fatigue and Fracture
Purpose: to review, analyze and synthesize information on fracture and fatigue behavior of structural materials and their inspection, rehabilitation and evaluation of fatigue damage, to extend useful life of metal structures, to develop safe design procedures, to work with various specification organizations to implement these design procedures into codes, to disseminate information to the Society through technical sessions and preparation of state-of-the-art reviews, and to stimulate research in this field.

Sougata Roy, Ph.D., M.ASCE, Chair
Frank A. Artmont, S.M.ASCE
Josh S. Crain, A.M.ASCE
Wang Liangsheng, P.E., M.ASCE
Hussam N. Mahmoud, A.M.ASCE
Yeun Chul Park, S.M.ASCE
Guillermo A. Riveros, P.E., M.ASCE
Scott Walbridge, M.ASCE

Methods of Design
Purpose: To interpret and disseminate information on new and existing methods of steel structures and to stimulate research and publication of technical papers in this area.

Larry A. Fahnestock, Ph.D., P.E., M.ASCE, Chair
Bulent N. Alemdar, A.M.ASCE
Mark D. Denavit, A.M.ASCE
John L. Harris III, P.E., S.E., M.ASCE
Gustavo Monge, C.Eng, A.M.ASCE
Ubejd Mujagic, P.E.
Andrea E. Surovek, P.E., M.ASCE
Bill X. Zhang, P.E., S.E., M.ASCE

Special Structures
Purpose: To disseminate and interpret information on the behavior and design of metal structures of special types and of metal structural elements outside the scope of activity of other committees; to stimulate research and the publication of technical papers relating to special structures and structural elements.

Mark C. Waggoner, P.E., M.ASCE, Chair
Maqsood Ahmed, P.E., M.ASCE
Bruce E. Danziger, S.E., M.ASCE
Wilfried Laufs
Robert K. Otani, P.E., M.ASCE
Mustafa Sahmaran, Aff.M.ASCE
Brian N. Skurnup, P.E., M.ASCE
Ashley Thrall, A.M.ASCE

Structural Connections
Purpose: To provide liaison between the Society and various research councils on research and development in structural connections, to organize technical sessions in the field of structural connections, to disseminate and interpret information on the behavior of such connections, and to stimulate Society discussion of such work. From time to time, these activities are expected to lead to suggestions for new or additional research.

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Travis P. Green, P.E., Secretary
Patrick J. Fortney, P.E., P.Eng, M.ASCE
Thomas W. Hartmann, P.E.
Jen-Kan Hsiao, Ph.D., P.E., S.E., FASCE
Xiapin Hua, P.E., S.E., M.ASCE
Joseph T. Moody III, P.E., M.ASCE
Thomas L. North, P.E., M.ASCE
Thomas J. Schlafly, M.ASCE
William A. Thornton, Ph.D., P.E., FASCE
Matt Trammell, P.E., M.ASCE
Joseph R. Yost, A.M.ASCE

Structural Members
Purpose: to provide liaison between the Society and the Structural Stability Research Council, to stimulate research and formulation of recommendations for design of compression and flexural members, and to disseminate such information through organization of technical sessions and publication of technical papers in these fields.

Jennifer R. McConnell, A.M.ASCE, Chair
Reidar Bjorhovde, Ph.D., P.E., P.Eng, FSEI, FASCE
Mark A. Bradford, Ph.D., D.Sc, P.E., Dist.M.ASCE
Gabriel Jimenez, P.E.
Yoon Duk Kim, A.M.ASCE
Cristopher D. Moen, Ph.D., P.E., M.ASCE
Performance of Structures

Purpose: To improve the performance of structures by advancing engineering knowledge and practice through stimulating and guiding research in analysis, monitoring, testing and other activities, and to disseminate information and recommendations. Technical Administrative:

Harry Tripp W. Shenton III, A.M.ASCE, Chair
Fikret N. Catbas, Ph.D., P.E., M.ASCE
James S. Cohen, P.E., M.ASCE
Marvin W. Halling, Ph.D., P.E., F.ASCE
Robert E. Nickerson, P.E., F.SEI, M.ASCE

EXCOM Contact

David J. Stevens, Ph.D., P.E., M.ASCE
Jian Zhang, Ph.D., A.M.ASCE
Susan L. Reid, Aff.M.ASCE, ASCE Staff

Disproportionate Collapse Technical Committee

Purpose: To coordinate SEI technical activities and the activities of material specific guidance organizations (ACI, AISC, AISI, BIA, WPA, etc.) related to the development of standards and guidance for the mitigation of disproportionate collapse in building systems and structures.

David J. Stevens, Ph.D., P.E., M.ASCE, Chair
Hassan H. Abbas, M.ASCE
Brett Agee, A.M.ASCE
Onur Avci, Ph.D., P.E., M.ASCE
David Cormie, CP, M.ASCE
Ross B. Cussen, P.E., M.ASCE
Robert G. Driver, P.Eng, M.ASCE
Larry A. Fahnstock, Ph.D., P.E., M.ASCE
Larry P. Faria, P.E., M.ASCE
Ramón E. Gilsanz, P.E., F.SEI, M.ASCE
Marco Haberland, Aff.M.ASCE

Methods of Monitoring Structural Performance

Purpose: To identify methods and technologies for measuring structural response, deterioration and existing conditions that are useful in the physical evaluation of structural performance and to disseminate information of such techniques.

Marvin W. Halling, Ph.D., P.E., F.ASCE, Chair
Babak Moaveni, Ph.D., A.M.ASCE, Vice-Chair
Farhad Reza, P.E., M.ASCE, Secretary
Sreenivas Alampalli, Ph.D., P.E., F.ASCE, F.SEI
Ahmed Ghorbanpoor, Ph.D., P.E., F.ASCE
Cheng Lok C. Hing, Ph.D., P.E., F.SEI, F.ASCE

Performance-Based Design For Structures

Purpose: To identify and assess the performance-based design methodologies, tools, procedures, and engineering practices for new and existing structures with regard to strength, serviceability, or survivability criteria under extreme events.

Jian Zhang, Ph.D., A.M.ASCE, Chair
Oh-Sung Kwon, D.Eng., M.ASCE, Vice-Chair
Ayman A. Shama, Ph.D., LEED AP, M.ASCE, P.E., Secretary
Charles-Darwin Annan, Ph.D., P.Eng, M.ASCE
Onur Avci, Ph.D., P.E., M.ASCE
Michele Barbato, P.E., C.Eng, A.M.ASCE

Structural Identification of Constructed Systems

Purpose: to collect and analyze the data as necessary to take us beyond the anecdotal observations that form most of our basis for judging the merits of our designs. The Committee will develop standards for measuring and reporting reliable data on the actual characteristics and performance of constructed facilities. They will develop guidelines.
Special Design Issues

Purpose: to initiate, organize, conduct and evaluate studies, discussion forums, technical session research, reports, bibliographies, and commentaries related to technical problems in various types of structures, and to report on new developments in those areas. Technical Administrative:

Dirk M. Kestner, P.E., M.ASCE, Chair
James A. D’Aloisio, P.E., M.ASCE
Maria M. Garlock, Ph.D., P.E., M.ASCE
Ahsan Kareem, Ph.D., F.EMI, Dist.M.ASCE, EXCOM Contact

Aesthetics in Design

Purpose: To review and evaluate the aesthetic impact of the design and planning of engineering structures; to define and identify aesthetic considerations and to develop and advance these considerations in the planning of engineering structures; to establish and maintain contact with architectural and other engineering groups, urban planners, industrial engineers, civil groups, and government agencies; encourage the total design concept of planning and engineering and advance the cause of leadership of civil engineers in integrated teams.

David A. Shook, P.E., M.ASCE, Chair
Terry R. McDonnell, P.E., S.E., M.ASCE, Secretary
Richard R. Bradshaw, P.E., FASCE
Linda M. Kaplan, A.M.ASCE

Electrical Transmission Structures (ETS)

Purpose: to develop recommendations for the design of electric transmission structures (transmission line and substation structures) this includes loading criteria as well as design procedures for sizing components.

Michael D. Miller, P.E., M.ASCE, Chair
Frank W. Agnew, P.E., M.ASCE
Galen Fecht, A.MASCE

Gene Wilhoite Award Subcommittee

Purpose: to select the awardee each year for the Wilhoite Award and to raise funds for the award.

Robert E. Nickerson, P.E., FSEI, MASCE, Chair
Anthony M. Diggioia Jr., Ph.D., P.E., Dist.MASCE
Dan Jackman, P.E., FSEI, FASCE
Leon Kempner Jr., Ph.D., P.E., FSEI, MASCE

Task Committee on Electrical Transmission Line Structural Loading

The ASCE Guidelines for Electrical Transmission Line Structural Loading, MOP 74 will be revised and updated. The last revision was published in 2009 and there have been significant updates to referenced standards (ASCE 7) which need to be incorporated and their structural aspects addressed to give additional guidance to the industry.

Frank W. Agnew, P.E., M.ASCE, Chair
Ronald J. Carrington, P.E., M.ASCE, Vice-Chair

Yong Lu, Ph.D., FASCE
Babak Moaveni, Ph.D., A.MASCE
Hae Young Noh, A.MASCE
Shamim Pakzad
Steven Petroff, A.MASCE
Masoud Sanayei, Ph.D., M.ASCE
Wei Song, A.MASCE
Eric D. Long, P.E., S.E., M.ASCE
John Peronto, P.E., S.E., M.ASCE
Peter J. Quigley, P.E., M.ASCE
Mark C. Waggoner, P.E., MASCE
John D. Mozer, Ph.D., P.E., FSEI, MASCE
Wesley J. Oliphant, P.E., FSEI, FASCE
Chung J. Wong, P.E., FSEI, MASCE
Task Committee on Recommended Practice for Fiber-Reinforced

Purpose: To complete a recommended practice for Fiber-Reinforced Polymer Products for the industry. This takes the work started by the previous committee and completes it. It is estimated that the previous effort produced a document that is 90% complete. This effort will completely finish this document.

Galen Fecht, A.M.ASCE, Chair

Mehdi Dashti, A.M.ASCE

Otto J. Lynch, F.SEI, M.ASCE

Task Committee on Substation Structural Design

The ASCE Substation Structure Design Guide, MOP 113 will be revised and updated. The original revision was published in 2008 and there have been significant updates to referenced IEEE codes and standards which need to be incorporated and their structural aspects addressed to give additional guidance to the industry.

George T. Watson, M.ASCE, Chair

Michael D. Clark, P.E., M.ASCE

Massoud Khavari, P.E., M.ASCE

Vincent Chui, P.E., S.E., M.ASCE, Vice-Chair

Alex J. Khadiva, P.E., S.E., M.ASCE

Joshua T. Jordan, P.E., M.ASCE, Secretary

John R. Klotz, P.E., M.ASCE

Thomas A. Amundsen, P.E., M.ASCE

Paul M. Legrand II, P.E., M.ASCE

Michael D. Engelhardt, Ph.D., P.E., M.ASCE

Perumal Radhakrishnan, P.E., S.E., M.ASCE

Farid Alfawakhiri, Ph.D., P.E., M.ASCE

John S. Reed, P.E., M.ASCE

Majid R. Farahani, P.E., M.ASCE

Mohammad R. Hariri, M.ASCE

Eric Fujijsaki, P.E., M.ASCE

Michael J. Riley, P.E., M.ASCE

Todd M. Gardner, P.E., M.ASCE

Jennifer A. Gemar, P.E., M.ASCE

Mohammad R. Hariri, M.ASCE

Taher T. Jordan, P.E., M.ASCE

Keivan Jafari, P.E., M.ASCE

Mohammad R. Hariri, M.ASCE

Mary Innamorato, P.E., M.ASCE

Chris Jayavendra, P.E., P.Eng, S.E., M.ASCE

Leon Kempner Jr., Ph.D., P.E., F.SEI, M.ASCE

Fire Protection

Purpose: To study, evaluate and recommend research and report on structural aspects of fire protection, from those of whole committees to those of individual structural members, including fire resistant materials, fire retardants, fire protection systems, fire protection provisions in building codes and desirable ratings for various exposures as well as repair of fire damage.

Maria M. Garlock, Ph.D., P.E., M.ASCE, Chair

Farid Alfawakhiri, Ph.D., P.E., M.ASCE

Dilip K. Banerjee, A.M.ASCE

Michael D. Engelhardt, Ph.D., P.E., M.ASCE

Arash Esmaili Zaghli, P.E., M.ASCE

Daniel G. Howell, P.E., S.E., M.ASCE

Guanyu Hu, P.E., M.ASCE

Ann E. Jeffers, A.M.ASCE

Elin A. Jensen, A.M.ASCE

Kevin J. LaMalva, P.E., M.ASCE

Michael J. McGinnis, Ph.D., P.E., A.M.ASCE

Gilberto Mosqueda, A.M.ASCE

Therese P. McAllister, P.E., F.SEI, M.ASCE

Hossein Mostafaei, Ph.D., P.Eng, M.ASCE

Kevin A. Mueller, S.M.ASCE

Spencer E. Quiel, P.E., M.ASCE

Darlene Rini, P.E.
Sustainability Committee

Purpose: To address issues of sustainability as they relate to the practice of Structural Engineering.

James A. D’Aloisio, P.E., M.ASCE, Chair
William D. Allen, M.ASCE
John E. Anderson, S.M.ASCE
Martin A. Chorkey, P.E., M.ASCE
Matthew Comber, P.E., M.ASCE
David Delong, S.E., M.ASCE
Ben P. Enfield, A.M.ASCE
Erica Fischer, S.M.ASCE
Sally J. Gimbert, A.M.ASCE
Frank S. Griffin, P.E., M.ASCE
Rebecca Jones, P.E., M.ASCE
Dirk M. Kestner, P.E., M.ASCE
Lori M. Koch, A.M.ASCE
Panagiotis Koklanos, P.E., M.ASCE
Won K. Lee, P.E.
Lindsey A. Maclise, P.E., M.ASCE
Michael W. Seek, P.E., M.ASCE
Raquel Ranieri, P.E., M.ASCE, Secretary
James A. D’Aloisio, P.E., M.ASCE
David Delong, S.E., M.ASCE, Vice-Chair
Michael W. Seek, P.E., M.ASCE

Thermal Bridging Task Committee

Purpose: To develop a design guide for the prevention or reduction of energy loss through building envelopes due to thermal steel bridging of structural steel elements.

Russell B. Miller-Johnson, P.E., M.ASCE, Chair
David Delong, S.E., M.ASCE
Raquel Ranieri, P.E., M.ASCE
James A. D’Aloisio, P.E., M.ASCE
Michael W. Seek, P.E., M.ASCE

Tall Buildings

Purpose: to provide a forum for the discussion of issues specific to the design of tall buildings; to advance the state-of-the-art through interaction with other professional organizations; to provide reports on areas of emerging importance, project case histories, and consensus documents on current issues related to tall building design.

Tracy L. Kijewski-Correa, Ph.D., A.M.ASCE, Chair
Abbas Aminmansour, Ph.D., A.M.ASCE
Melissa D. Burton, Ph.D., C.Eng, Aff.M.ASCE
Juan Carlos Esquivel, P.E., M.ASCE
Mustafa A. Mahamid, Ph.D., P.E., S.E., M.ASCE
Kyoung Sun Moon, A.M.ASCE
Arif M. Ozkan, P.E., S.E., M.ASCE
John Peronto, P.E., S.E., M.ASCE
Jameson K. Robinson, P.Eng, M.ASCE
Jiming Xie, P.E., M.ASCE
Kyoung Sun Moon, A.M.ASCE

Technical Council on Safety, Risk, and Life-Cycle Performance


Dan M. Frangopol, Ph.D., P.E., F.EMI, Dist.M.ASCE, Chair
Bruce R. Ellingwood, Ph.D., P.E., F.EMI, Dist.M.ASCE, Vice-Chair
Sofia Maria C. Diniz, M.ASCE, Secretary
Mitsuyoshi Akiyama, Aff.M.ASCE
Michel J. Ghosn, Ph.D., M.ASCE
Robert E. Nickerson, P.E., F.SEI, M.ASCE
Susan L. Reid, Aff.M.ASCE, ASCE Staff Contact
Task Group 1 Life-Cycle Performance of Structural Systems Under Uncertainty
Purpose: to promote the study, research, and applications of scientific principles of safety and reliability in the assessment, prediction, and optimal management of life-cycle performance of structural systems under uncertainty.

Mitsuyoshi Akiyama, Aff.M.ASCE, Chair
Fabio Biondini, M.ASCE
Sofia Maria C. Diniz, M.ASCE
Bruce R. Ellingwood, Ph.D., P.E., F.EMI, Dist.M.ASCE
Dan M. Frangopol, Ph.D., P.E., F.EMI, Dist.M.ASCE
Hitoshi Furuta, M.ASCE
Samuel Labi, Ph.D., A.M.ASCE
Wang Liangsheng, P.E., M.ASCE
Abbie B. Liel, A.M.ASCE
Jamie E. Padgett, A.M.ASCE
Alessandro G. Palermo, Ph.D., Aff.M.ASCE
Mauricio Sanchez-Silva, Ph.D., A.M.ASCE
Mahendra J. Shah, Ph.D., P.E., F.ASCE
Mohamed Soliman, S.M.ASCE

Task Group 2 Reliability-Based Structural System Performance Indicators
Purpose: To promote the study, research, and applications of reliability-based system performance indicators including structural system reliability, robustness, and redundancy.

Michel J. Ghosn, Ph.D., M.ASCE, Chair
Mitsuyoshi Akiyama, Aff.M.ASCE
Paolo Bocchini, Ph.D., C.Eng, M.ASCE
Franco Bontempi, D.Eng., P.E., A.M.ASCE
Bruce R. Ellingwood, Ph.D., P.E., F.EMI, Dist.M.ASCE
Dan M. Frangopol, Ph.D., P.E., F.EMI, Dist.M.ASCE
Santiago Hernandez, Ph.D., F.ASCE
Ehsan Miniaie, Ph.D., P.E., M.ASCE
Sarbjeeet Singh, P.E., M.ASCE
Alfred Strauss, P.E., M.ASCE
George Tsiatas, A.M.ASCE
Xiao L. Zhao, F.ASCE

Task Group 3 Risk Assessment of Structural Infrastructure Facilities and Risk-Based Decision Making
Purpose: to promote the study, research, and applications of scientific principles of risk assessment and risk-based decision making in structural engineering.

Bruce R. Ellingwood, Ph.D., P.E., F.EMI, Dist.M.ASCE, Chair
Jack W. Baker, Ph.D., M.ASCE
Perry R. Cole, P.E., S.E., F.ASCE
Jason G. Coray, P.E., S.E., M.ASCE
Paul D. De Stefano, P.E., M.ASCE
Seda Dogruel, A.M.ASCE
Leonardo A. Duenas-Osorio, A.M.ASCE
Dan M. Frangopol, Ph.D., P.E., F.EMI, Dist.M.ASCE
Paolo Gardoni, Ph.D.
Stephanie A. King, Ph.D., M.ASCE
Yue Li, A.M.ASCE
Ming Liu, P.E., M.ASCE
Zoubir Lounis, M.ASCE
Lance Manuel, Ph.D., P.E., M.ASCE
Therese P. Mc Allister, P.E., F.SEI, M.ASCE
David V. Rosowsky, Ph.D., P.E., F.ASCE
Naiyu Wang, A.M.ASCE

Wood
Purpose: To initiate research, to evaluate and correlate theories and data bearing on the properties and structural uses of wood, to report conclusions and recommendations from, and to disseminate knowledge concerning wood as an engineering material. Technical Administrative:

Vijaya K A. Gopu, Ph.D., P.E., M.ASCE, Chair
Sheila R. Duwadi, P.E., M.ASCE, EXCOM Contact
Mikhael Gershfeld, P.E., S.E., M.ASCE
Yue Li, A.M.ASCE
Felix Martin, P.E., S.E., M.ASCE
Arijit Sinha, Ph.D., A.M.ASCE

Design of Wood Structures
Purpose: To define the future of the design of wood structures including transitioning from allowable stress design to LRFD, enhancing the present design standards, and enabling efforts to incorporate performance-based approaches into wood design.

Yue Li, A.M.ASCE, Chair
John W. Van De Lindt, Ph.D., M.ASCE, Vice-Chair
Junwon Seo, P.E., M.ASCE, Secretary
David MacDonald, P.E., M.ASCE
Felix Martin, P.E., S.E., M.ASCE
Weichiang Pang, A.M.ASCE
Shiling Pei, P.E., M.ASCE
David O. Prevatt, P.E., M.ASCE
Borjen Yeh, P.E., M.ASCE
Performance of Wood Structures
Purpose: to develop tools and guidelines to document and evaluate performance of various structural and envelope systems in an effort to improve durability and resiliency of wood structures.
Felix Martin, P.E., S.E., M.ASCE, Chair
Jason A. Partain, P.E., M.ASCE
Milan Vatovec, M.ASCE
Shane Vilasineekul, P.E., M.ASCE
Philip L. Westover, P.E., M.ASCE

Wood Education
Purpose: to promote and develop mechanism for effective structural wood engineering education in the academic and professional arenas by (a) developing educational resources material (teaching tools), (b) by organizing national-level wood engineering instructional programs, and (c) fostering wood-design competition for civil engineering students.
Mikhail Gershfeld, P.E., S.E., M.ASCE, Chair
Arijit Sinha, Ph.D., A.M.ASCE

Wood Research
Purpose: To define the state-of-the-art and the research needs related to the applications of wood to engineered structural applications: to prepare a position statement for publication and distribution through ASCE to provide guidance to researchers, funding agencies, industry and others concerned with efficient use of wood in engineered applications.
Arijit Sinha, Ph.D., A.M.ASCE, Chair
William J. Kirkham, P.E., M.ASCE
Rakesh Gupta, M.ASCE
Borjen Yeh, P.E., M.ASCE
The Transportation and Development Institute (T&DI) of the American Society of Civil Engineers

On October 1, 2002, the American Society of Civil Engineers (ASCE) officially established the Transportation and Development Institute (T&DI). The Transportation and Development Institute incorporates the former ASCE Air Transport Division, Highway Division, Urban Planning and Development Division, the Urban Transportation Division and the ASCE Automated People Movers Standards Committee. In addition to ASCE members who select transportation or development as their primary technical affiliation, T&DI membership is open to all persons with an interest in transportation or development.

The Transportation and Development Institute is fully inclusive with active membership available to all with an interest in transportation and development. T&DI offers the opportunity to network with other professionals, sharpen skills, ensure professional growth and shape the future of transportation and development by participating in technical activities, conferences and the development of internationally recognized standards.

The 2014 Board of Governors consists of:

- Imad L. Al-Qadi, Ph.D., P.E., Dist.M.ASCE, President
- Brian D. McKeehan, P.E., M.ASCE, Vice President
- Lenor A. Bromberg, P.E., M.ASCE, Treasurer
- C. Michael Walton, Ph.D., P.E., Dist.M.ASCE, Past President
- Scott Murrell, P.E., M.ASCE
- Mark W. Woodson, P.E., L.S., F.ASCE
- Brett A. Schock, P.E., M.ASCE
- Yinhai Wang, M.ASCE
- Jonathan C. Esslinger, P.E., F.ASCE, Secretary

Staff Contacts

- Jonathan C. Esslinger, P.E., Director
- Andrea C. Baker, Manager
- Tabitha Costello, Program Coordinator
Transportation and Development Institute Bylaws
Revised October 2011

ARTICLE 1. NAME

1.0 Name. The name of this Institute shall be the Transportation and Development Institute (hereinafter referred to as the Institute) of the American Society of Civil Engineers (hereinafter referred to as the Society).

ARTICLE 2. VISION

2.0 Vision. The Institute will be recognized as the leader for integrated transportation and development.

ARTICLE 3. CORE VALUES

3.0 Core Values. The core values of the Institute are:
- Service to members
- Stewardship
- Integrity
- Safety
- Quality
- Sustainability
- Life long professional development
- Integrated transportation and development

ARTICLE 4. ORGANIZATION

4.0 Organization. The Institute is organized within the Society. All policies and activities of the Institute shall be consistent with and subject to:
- the Society’s Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure and Code of Ethics;
- applicable federal, state, and local antitrust, trade regulation, and other laws, regulations and legal requirements;
- all requirements to maintain the status of the Society as a not-for-profit organization exempt from Federal income tax under Sections 501(a) and 501(c)(3) of the Internal Revenue Code of 1954, as amended, (hereinafter referred to as the Code) qualifying at all times as an organization to which tax deductible contributions may be made pursuant to applicable sections of the Code;
- all requirements imposed by relevant jurisdiction for maintenance by the Society of any license, permit, or authority it may hold to conduct activities and do business as a foreign not-for-profit corporation within that jurisdiction; and
- such other policies and procedures as are authorized under these documents.

The Board of Governors may define, establish and discharge organizational elements such as standing councils and committees, student chapters, local chapters, and task committees as necessary or desirable to conduct the affairs of the Institute.

ARTICLE 5. MEMBERSHIP

5.0 Membership Categories. Membership in the Institute shall be open to any Society member in good standing as well as to all other persons and organizations interested in advancing the vision and core values of the Institute. The membership categories shall be differentiated as individual members and group members.
5.0.1 Individual Members:

5.0.1.1 Member. Individuals who are engaged in the development of policies and programs related to transportation, land development and the environment, including the planning, design, construction, operation, management and regulation of associated planning and engineering works.

5.0.1.2 Student Member. Full-time students interested in transportation, land development and environmental issues.

5.0.1.3 Honorary Member. The Institute may award honorary membership to an individual with exemplary service to the Institute and the profession, as recognized by the Board of Governors.

5.0.2 Group Members:

5.0.2.1 Organizational Member. Associations, government agencies, or corporations engaged in the planning, design, construction, operation, management, or educational aspects of transportation, land development and environment. Each organization can designate a number of Individual Members based on the dues paid.

5.0.2.2 Sustaining Corporate Member. An organization can also be a sustaining corporate member of the Institute for varying benefits and appropriate dues.

5.1 Member Participation. Individual Members in good standing may be appointed to and participate in Institute committees and may vote on all Institute procedural issues and elections put forth for the general membership. A member whose dues and other charges are not in arrears shall be considered in good standing.

5.2 Non-Member Participation. At the discretion of the Board of Governors, non-members of the Institute may serve on Institute Standards Committees as voting members.

5.3 Expulsion. Any member may be expelled from the Institute for conduct in violation of the Institute Bylaws, Institute rules and regulations or the Society’s Certificate of Incorporation, Constitution, Bylaws, Rules of Policy and Procedure or Code of Ethics, as applicable, or for conduct which in the sole opinion of the Board of Governors is improper and prejudicial to the best interest of the Society or the Institute. A decision-to-expel shall be preceded by a fair hearing at a meeting of the Board of Governors; such meeting to be held in Executive Session if so requested by the member under consideration for expulsion or the member’s representative.

Disciplinary proceedings and separation from membership in the Institute shall follow the procedures outlined in the Society’s Bylaws. Decisions of the Board of Governors shall not be open to appeal except in cases involving recommendation by the Board of Governors to expel a Society member from the Institute, in which case an appeal may be made to the Society’s Board of Direction, whose decision is final.

Cases involving Society members accused of violating the Society’s Code of Ethics shall be referred to the Society’s Committee on Professional Conduct.

ARTICLE 6. DUES

6.0 Membership Dues. The Board of Governors shall establish membership dues. Dues shall be payable annually in advance of January 1. An individual or group accepted for membership in the Institute after June 30 in any calendar year shall pay one-half (1/2) of the annual dues for that calendar year. The annual dues payable by the Institute membership shall be as follows:

<table>
<thead>
<tr>
<th>Membership Categories</th>
<th>Dues</th>
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<tbody>
<tr>
<td>Individual Category</td>
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<tr>
<td>Member</td>
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If Society member, dues are included in the Society dues if the Transportation and Development Institute is the member’s first designated Institute. If the Transportation and Development Institute is not the member’s first designated Institute, an additional fee may be required as set by the Society. If an Institute Member is not a Society Member, dues are seventy percent (70%) of the Society’s member grade dues rounded to the nearest five (5) dollars.
ARTICLE 7. BOARD OF GOVERNORS

7.0 Composition. The affairs, activities, and concerns of the Institute shall be under the direction of the Board of Governors.

The Board of Governors shall have eight (8) voting members as follows: four (4) Governors elected by the Institute membership; two (2) Governors appointed by the Board of Governors; one (1) Younger Member Governor appointed by the Board of Governors and one (1) Governor appointed by the Society’s Board of Direction. In addition, the Institute Director shall serve as Secretary and a non-voting participant of the Board of Governors.

7.1 Duties. The Board of Governors shall manage the affairs of the Institute in accordance with the laws under which the Institute is organized. The Board of Governors has fiduciary, legal and strategic planning responsibilities. The Board of Governors shall focus on strategic planning and policy guidance to ensure the Institute works toward fulfilling its vision and its core values. Members of the Board of Governors may be appointed as a liaison to one (1) of the Institute Councils by the Institute President.

7.2 Qualifications. Nominees for the Board of Governors shall be a Member or Honorary Member in good standing of the Institute and shall be a member in good standing of the Society. The Younger Member Governor shall not be more than 35 years old at the time of appointment. Student Members of the Institute shall not have the right to serve on the Board of Governors. A Board of Governors’ member who ceases to be in good standing in the Institute or the Society while in office shall be removed.

7.3 Term of Office. The term of any member of the Board of Governors shall commence at the beginning of the fiscal year, except in cases where a Board member is appointed to fill a vacancy.

7.3.1 Elected Governors. The term of office of the elected Governors shall be four (4) years. The elected Governors’ terms shall be staggered so that one (1) new Governor is elected each year. After completing their term elected Governors shall not serve as appointed Governors.

7.3.2 Board of Governors Appointed Governors. The term of office of the Governors appointed by the Board of Governors shall be two (2) years. The Appointed Governors’ terms shall be staggered. Governors appointed by the Board of Governors may be reappointed to one (1) additional two (2)-year term. The term of office of the Younger Member Governor shall be one (1) year. The Younger Member Governor may be reappointed to one (1) additional term of one (1)-year. Governors appointed by the Board of Governors are eligible to be elected Governors upon completion of their term of appointment.

7.3.3 Society Appointed Governor. The term of office of the Governor appointed by the Society Board of Direction shall be one (1) year. The Governor appointed by the Society Board of Direction may be reappointed to successive one (1)-year terms, not to exceed four (4) years. Governors appointed by the Society Board of Direction are eligible to be elected Governors upon completion of their term.

7.4 Succession of Elected Governors. The Elected Governors shall serve on the Board of Governors in accordance with the following order of succession: first year serving as Treasurer; second year serving as Vice-President; third year serving as President; and fourth year serving as Past-President. If a vacancy occurs for the position of President or Vice-President, then the replacement Governor will assume the position of Treasurer, and the Vice-President and Treasurer will assume the next
higher position(s) as appropriate. If a vacancy occurs for the position of Past-President or Treasurer, the replacement Governor will assume the respective position.

7.5 Filling a Vacancy on the Board of Governors.

7.5.1 Elected and Board of Governors Appointed Governors. When a vacancy occurs in an Elected or Board of Governors Appointed Governor position of the Board by death, resignation or otherwise than by expiration of a Governor’s term, the vacancy shall be filled without undue delay for the remainder of the term as a direct appointment by the remaining Board of Governors.

7.5.2 Society Appointed Governor. When a vacancy occurs in the Society Appointed Governor position of the Board by death, resignation or otherwise than by expiration of a Governor’s term, the vacancy shall be filled without undue delay for the remainder of the term through appointment by the Society’s President.

7.6 Compensation. Members of the Board of Governors shall not receive any salary or other compensation for their services as Board of Governors’ members, but shall be entitled to reimbursement of reasonable expenses, if any, incurred as Board of Governors’ members, under procedures established by the Board of Governors and the Society.

7.7 Rules, Policies, and Procedures. The Board of Governors may establish such rules, policies, and procedures as are consistent with these Bylaws for the purpose of fulfilling the core values and programs of the Institute.

7.8 Removal. A voting member of the Board of Governors may be removed from the Board of Governors for cause by unanimous vote of the other voting members of the Board of Governors with the concurrence of the Society’s Board of Direction.

A member of the Board of Governors who does not attend two (2) consecutive meetings of the Board of Governors will be automatically removed from the Board of Governors at the conclusion of such second meeting, unless retained by the majority vote of the Board of Governors before the conclusion of such second meeting.

ARTICLE 8. NOMINATIONS AND ELECTIONS

8.0 Nominating Committee. The Nominating Committee shall consist of the current President and the three (3) most recent Past-Presidents able to serve. The individual who has been the Past-President for the longest period of time shall serve as chair. If a Nominating Committee consisting of three (3) Past-Presidents and the current President cannot be formed, the President shall appoint as many additional members as necessary. Nominating Committee members shall be Institute Individual Members in good standing. No member of the Nominating Committee may be a current nominee for office.

8.1 Election Process. The Nominating Committee shall submit to the Board of Governors a list of one (1) or more recommended candidates for the open Elected Governor position. Candidates shall be fully informed by the Nominating Committee of the duties and requirements of the office being considered. Geographic distribution and representation of the full technical scope and professional function of the Institute shall be considered by the Nominating Committee. The Board of Governors shall select one (1) nominee for the open Elected Governor position from the Nominating Committee’s recommended list to appear on the ballot as an Official Nominee.

If the Nominating Committee receives only one (1) candidate for the open Elected Governor position and that individual receives at least seventy-five percent (75%) support from the Nominating Committee, then that individual shall be considered an Official Nominee.

The Board of Governors may nominate, by two-thirds (2/3) majority vote, an additional nominee to appear on the ballot as an Official Nominee, provided the nominee meets the qualifications.

Once the Official Nominee(s) is/are announced to the membership in an official Institute publication or other appropriate means including the Internet, a petition process shall be permitted to allow members to add nominees to the ballot. The announcement of the Official Nominee(s) shall be made no later than March 15.

Not later than May 1 petition nominations for the Board of Governors shall be filed with the Institute Director. Petitions shall contain the signatures of at least one hundred fifty (150) Individual Members in good standing of the Institute. Petition Nominee(s) shall be so designated on the ballot.
In the event there is only one (1) Official Nominee after the deadline for petitions has passed, the Board of Governors shall declare that individual elected.

In the event an election will be held, a ballot bearing the names of all Nominees shall be submitted to the membership for their vote not later than June 15. Members shall have thirty (30) days from the date the ballot is distributed to return their ballot. Write-in Nominees shall not be accepted. The Nominee receiving the most votes shall become the Governor-Elect. In the event of a tie, selection shall be made by the Board of Governors from the Nominees so tied.

The Institute Director shall announce the election results to the Institute membership not later than September 30.

8.2 **ASCE Technical Region Director.** The Nominating Committee may select by majority vote of those present and voting at least one (1) Nominee for the ASCE Technical Region Director position from the eligible Institute Nominees in accordance with the Society Rules of Policy and Procedure. The Nominee(s) shall be approved by the Board of Governors.

### ARTICLE 9. OFFICERS

9.0 **Officers.** The Officers of the Institute shall be the President, Vice-President, Past-President, Treasurer and Secretary. The Appointed Governors shall not serve as Officers.

9.1 **Duties.** The Officers of the Institute shall perform all duties required by law and the Institute’s governing documents, and those duties incident to the office or as may be assigned. Such duties may include, but are not limited to preparation for, attendance at and participation in meetings of the Board of Governors, and other official assignments.

9.1.1 **President.** The President, on behalf of the Board of Governors, shall prepare and distribute to the membership an Annual Report for the preceding fiscal year within one hundred twenty (120) days of the conclusion of the previous fiscal year.

The President shall preside at all meetings of the Board of Governors and of the members of the Institute. The President shall call Special Meetings of the Board of Governors or of the members as may be deemed proper.

The President shall be empowered to nominate chairpersons and members to councils and committees as deemed necessary for the effective functioning of the Institute, subject to approval of the Board of Governors.

The President or the appointed designee shall attend meetings of the Society’s Board of Direction, and report at such meetings on Institute affairs, if requested by the Society’s Board of Direction.

9.1.2 **Vice-President.** In the temporary absence or disability of the President, the Vice-President shall discharge the duties of the President.

9.1.3 **Past-President.** The Past-President shall chair the Awards and the Membership Committees of the Institute.

9.1.4 **Treasurer.** The Treasurer shall monitor the management of the financial affairs of the Institute.

9.1.5 **Secretary.** The Institute Director shall serve as Secretary and be responsible to the Board of Governors and follow the Institute’s Bylaws and policies. The Secretary shall be responsible for all correspondence of the Board of Governors and shall give notice of, and keep minutes of all meetings of the Board of Governors. The Institute Director or his or her designee shall be present at all meetings of the Board of Governors, except for Executive Sessions of the Board of Governors, for which the Institute Director may or may not be present, as the Board of Governors may direct.

### ARTICLE 10. MEETINGS

10.0 **Scheduled Meetings of the Board of Governors.** The Board of Governors shall meet at least annually to conduct any business that might properly come before it. The President of the Board of Governors shall establish the place, and date for this annual meeting. Agenda items shall be determined by the Board of Governors. All Board of Governors’ members shall be given at least thirty (30)-days notice of meetings.
Additional scheduled meetings of the Board of Governors may be held at times and locations designated by the President. Notice and agenda items for additional meetings are as defined above.

10.1 **Special Meetings of the Board of Governors.** Special Meetings of the Board of Governors shall be called by the President at any time or by the President or Institute Director upon the request of any three (3) Board of Governors members. At such Special Meetings, there shall be considered only such business as is specified in the meeting notice. At least fifteen (15) days advance notice of any Special Meeting shall be given by the Institute Director to members of the Board of Governors.

10.2 **Special Conditions.** Any action required to be taken at a meeting of the Board of Governors, or any action that may be taken at a meeting of the Board of Governors, may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be agreed to by all Board of Governors members and be filed with the minutes of the meeting.

Members of the Board of Governors may participate in any meeting of the Board of Governors by telephone conference or similar communications equipment by means of which all persons participating in the meeting can hear each other and such participation in a meeting shall constitute attendance at the meeting.

10.3 **Special Institute Meetings.** The Board of Governors may call Special Institute Meetings of the Institute membership at any time upon written request of not less than ten percent (10%) of the members, which request shall state the purpose of the meeting. Notice of a Special Meeting shall be published not less than thirty (30) days prior to the meeting in an Institute, Society or third party publication that normally reaches the entire membership of the Institute or shall have been sent to the membership by other means.

**ARTICLE 11. FINANCE**

11.0 **Fiscal Year.** The fiscal year of the Institute shall be from October 1 through September 30.

11.1 **Assets.** All assets held by or for the Institute are vested in the Society and shall be handled according to the Society’s fiscal policies.

11.2 **Fiscal Responsibility.** The Board of Governors, with due responsibility to the Society’s Board of Direction, shall oversee the funds and assets of the Institute and shall direct the Institute Director in their management. No member of the Board of Governors, Institute officer, Institute member, or representative thereof shall have any authority, as such, to contract debts for, pledge the credit of, or in any way financially bind the Society.

11.3 **Institute Budget.** The Institute budget must be approved by the Board of Governors.

11.4 **Records.** The Institute Director shall keep the books and accounts of the Institute.

11.5 **Reporting.** At the close of each fiscal year, the Institute Director shall provide a preliminary statement of the affairs of the Institute, including, but not limited to, a balance sheet and fiscal statement of operations for the preceding year, which shall be submitted to the Board of Governors and to the Society Board of Direction within one hundred twenty (120) days from the close of the fiscal year.

11.6 **Revenues.** The Institute may raise revenue by means other than dues from members and fees from publications, provided such means are consistent with Society policies and the maintenance of the Society’s tax-exempt status. Any proposed acceptance of solicitations, grants, or donations, which contain any restriction, shall first be submitted to and approved by the Society’s Executive Director. In the event the Institute’s revenues exceed the Institute’s expenses, the Institute shall create a general reserve fund for deposit of excess revenues. The Institute shall control this general reserve fund and may use general reserve funds for programs and activities of the Institute.

11.7 **Audit.** The Institute Director shall procure annually an external financial review of the books and records of the Institute. Such audit may be performed in conjunction with the Society’s annual audit. The books and records shall be made available to the Society Treasurer or designee on reasonable notice.

**ARTICLE 12. COUNCILS, COMMITTEES AND OTHER ORGANIZATIONAL ELEMENTS**

12.0 **Councils, Committees and Organizational Elements.** The Board of Governors may, at its discretion, establish and discharge councils, standing and ad hoc task committees and other organizational elements as necessary or desirable to conduct the affairs of the Institute. A charge defining the mis-
sion of each council, committee or organizational element shall be developed. Council, committees and organizational elements shall report to the Board of Governors through a hierarchy established by the Board of Governors. Appointments to councils and committee chairs shall be approved by the Board of Governors. All other appointments shall be delegated by the Board of Governors to the individual committee chairs.

The Board of Governors may delegate to its councils, committees or other organizational elements the authority to establish and appoint subcommittees and ad hoc task committees.

ARTICLE 13. ADMINISTRATION AND INSTITUTE DIRECTOR

13.0 Parliamentary Authority. All membership meetings of the Institute and meetings of its Board of Governors shall be conducted according to the most recent version of Robert’s Rules of Order, Newly Revised, in all cases to which these rules are applicable and in which such rules are not inconsistent with the Society and/or Institute Constitution, Bylaws, and Rules of Policy and Procedure.

13.1 Relationship to the Society. Fees for services provided to the Institute by the Society shall be set by written agreement between the Institute and the Society.

The Society shall have the right of first refusal on the provision of services for the delivery of Institute products and services, unless otherwise agreed by the Executive Director of the Society. In the event that the Institute develops a product or service on its own, it must meet Society standards for quality. All property and records of the Institute shall belong to the Society. Council and committee chairs and members shall return tangible property and records, and all records relating to any intangible property and work product of the council or committee to the Institute when discharged, or when requested by the Board of Governors. Such materials and any intangible property, including work products of the council or committee, shall belong to the Institute. All local chapters, student chapters, committees (including task groups and subcommittees), and all special delegates and representatives unless otherwise directed by the Board of Governors, shall be governed by this provision.

The Institute may issue its own statements of policy but must identify them as such. Any amplification, interpretation, or application of Society policies other than by the Society Board of Directors must be clearly identified as the views of the component so engaged and not of the Society. The Institute shall not take any action that may be deemed to express an attitude or action of the Society. Resolutions or recommendations may be addressed to the Society Board of Directors for consideration or approval and promulgation.

13.2 Relationships with Other Organizations. The Institute may form relationships with other groups and may serve as the United States of America member Society to various international organizations, as approved by the Institute. These relationships shall not be in conflict with Society policies.

13.3 Conferences and Conventions. The Institute may conduct conferences and conventions by itself or acting in conjunction with other units of the Society or other affiliated organizations subject to the terms and conditions described in agreements then in place between the Society and the Institute.

13.4 Publications. Publications of the Institute shall be consistent with written agreements that exist between the Society and the Institute. The Institute may develop journals, magazines, manuals of practice, miscellaneous publications and standards by itself or in conjunction with the Society or other organizations. The Society shall have the right of first refusal to act as the publisher of such publications.

All members of the Institute shall be entitled to receive Institute publications at member rates and other Society distributed publications at the rates determined by the Society.

13.5 Indemnification. The Society shall indemnify the Institute’s officers, Institute Director, members, employees, and agents, in their respective capacities as such, by providing each the same rights of indemnification as are given by the Society to Society officers, members, employees, and agents.

13.6 Institute Director. The Institute Director, the Chief Executive Officer of the Institute, receives policy, program and budget direction from the Board of Governors and is responsible for the day-to-day management of the Institute. The Institute Director will be employed by the Society, and is subject to Society employment rules. The Institute Director will be reviewed annually by the Society’s Executive Director, or his or her designee, after input from the Past President of the Board of Governors. The Institute Director is appointed, and can be removed, with or without cause, by the Executive Director of the Society after consultation with the Board of Governors of the Institute.
The Institute Director shall retain independent contractors and other suppliers and agents, subject to
direction by the Board of Governors. The Institute Director shall comply with policies and procedures
of the Society, which shall be applicable to and binding on the Institute.

ARTICLE 14. DISSOLUTION

14.0 Dissolution. At any duly constituted meeting of the Board of Governors, by a two-thirds (2/3)
vote, the Institute Board of Governors may vote to recommend dissolution of the Institute by the Soci-
ety Board of Direction, provided that a written notice of this proposed action shall have been given at
a previous meeting of the Board of Governors, and provided further that the proposed dissolution
shall have been published, together with an announcement soliciting member comments, in an Insti-
tute, Society, or third party publication that normally reaches the entire membership of the Institute,
or shall have been sent to the membership by other means.

ARTICLE 15. AMENDMENT

15.0 Amendment. The Institute Bylaws may be amended at a duly constituted meeting of the Insti-
tute Board of Governors by a two-thirds (2/3) majority of those present and voting, provided that a
written notice of such proposed amendment shall have been given at a previous meeting of the Insti-
tute Board of Governors.

These Bylaws may also be amended upon receipt of the written consent of the majority of the mem-
bers of the Institute in good standing.

No amendment to these Bylaws shall be effective until approved by the Society Board of Direction.
TRANSPORTATION AND DEVELOPMENT INSTITUTE

Board of Governors

Imad L. Al-Qadi, Ph.D., P.E., Dist.M.ASCE, 
President
Brian D. McKeehan, P.E., M.ASCE, Vice President
C. Michael Walton, Ph.D., P.E., Dist.M.ASCE, Past President
Jonathan C. Esslinger, P.E., F.ASCE, Secretary

Lenor A. Bromberg, P.E., M.ASCE, Treasurer
Scott Murrell, P.E., M.ASCE
Brett A. Schock, P.E., M.ASCE
Mark W. Woodson, P.E., L.S., D.WRE, F.ASCE

Administrative Council

Chris Hendrickson, Ph.D., Dist.M.ASCE
Shashi S. Nambisan, P.E., M.ASCE
Ali A. Selim, Ph.D., P.E., F.ASCE
C. Michael Walton, Ph.D., P.E., Dist.M.ASCE

Awards Committee

Lenor A. Bromberg, P.E., M.ASCE
Terry M. Donovan Sr., P.E., M.ASCE

Purpose: to make recommendations to the Board of Governors for recipients of all Society awards administered by the Institute, in accordance with the rules for each.

Lenor A. Bromberg, P.E., M.ASCE
Ali A. Selim, Ph.D., P.E., F.ASCE
C. Michael Walton, Ph.D., P.E., Dist.M.ASCE

Conference Committee

C. Michael Walton, Ph.D., P.E., Dist.M.ASCE, Chair
Lenor A. Bromberg, P.E., M.ASCE

Purpose: to review and coordinate the planning and execution of conferences and workshops organized by the Institute as well as technical sessions of the Society’s annual meetings.

C. Michael Walton, Ph.D., P.E., Dist.M.ASCE, Chair
Brian D. McKeehan, P.E., M.ASCE
Teddy Snyder, P.E.

Education Committee

Purpose: (a) to periodically examine the trends in transportation engineering and urban planning education; (b) to promote transportation engineering and urban planning curricula which are useful to graduates entering a career in transportation engineering and urban planning; effective in preparing him/her for both the technical and practical aspects of the working environment; and relevant to the demands and expectations of his/her employer; (c) to study and promote approaches to continuing education for transportation engineer and urban planners, which are effective in maintaining a high level of expertise in the industry and which are accepted and pursued by practicing professionals; (d) to encourage and develop cooperative participation with industry, government, and other national professional organizations in stimulating and providing a facility for exchange and general dissemination of information of significance to transportation engineering and urban planning education. All activities will be subject to review procedures set by the Board of Governors of the Institute and in accordance with the policies established by the Society.

Shashi S. Nambisan, P.E., M.ASCE, Chair
William J. Sproule, Ph.D., P.E., F.ASCE, Vice-Chair
Amiy Varma, P.E., M.ASCE, Secretary
Carl M. Berkowitz, P.E., F.ASCE
Michael S. Bronzini, P.E., M.ASCE

Louis F. Cohn, P.E., F.ASCE
John Collura, Ph.D., P.E., M.ASCE
Robert R. Costigan, Ph.D., P.E., M.ASCE
Semu A. Moges
Eugene R. Russell, Ph.D., P.E., F.ASCE

Membership Committee

Purpose: to direct membership campaigns to recruit new Institute members. To participate in section, branch, and student activities of the Society and the Institute for the purpose of advancing knowledge and membership in the Institute.

C. Michael Walton, Ph.D., P.E., Dist.M.ASCE, Chair
Imad L. Al-Qadi, Ph.D., P.E., Dist.M.ASCE
Lenor A. Bromberg, P.E., M.ASCE
Nominating Committee
Terry M. Donovan Sr., P.E., M.ASCE, Chair
Imad L. Al-Qadi, Ph.D., P.E., Dist.M.ASCE
Ali A. Selim, Ph.D., P.E., F.ASCE
C. Michael Walton, Ph.D., P.E., Dist.M.ASCE

Publications and Newsletter Committee
Purpose: to administer the solicitation of technical papers, books, practice manuals and news items in the field of interest of the Institute; to identify appropriate publication outlets for such publication materials in appropriate forums of the Institute including the Journal of Transportation Engineering, Journal of Urban Planning and Development, and Journal of Infrastructure Systems, and an Institute Newsletter, subject to review procedures set by the Board of Governors of the Institute, and in accordance with the policies established by the Society.

Journal of Transportation Engineering Editorial Board
Chris Hendrickson, Ph.D., Dist.M.ASCE, Editor-in-Chief

Journal of Infrastructure Systems Editorial Board
Sue McNeil, Ph.D., P.E., M.ASCE, Editor-in-Chief

Journal of Urban Planning and Development Editorial Board
Gang L. Chang, M.ASCE, Editor

Standards Council
Purpose: to develop standards for various transportation and development activities as needed.

Automated People Movers Standards
Purpose: to develop standards for automated people movers including planning, design construction and operations as updates of ASCE 21 Standard.

T&DI Committees
Scott Murrell, P.E., M.ASCE

Tedd L. Snyder, P.E., M.ASCE, Chair
David Hein, P.E., M.ASCE

Lawrence L. Smith, P.E., F.ASCE, Chair
Ted L. Snyder, P.E., M.ASCE, Vice-Chair
Paul Didrikson, Secretary
Joseph D. Abbas
Michael G. Ang
Douglas T. Baird
Frank P. Bares
Murthy V. A. Bondada, Ph.D., P.E., F.ASCE
Jon Brackpool
Pierre A. Brunet
John J. Champ, Aff.M.ASCE
Yves F. Clarissou
Redjean Clerc
Mary Catherine Cronin-North
Frank Culver, P.E.
Michael Deiparine
Peter DeLeonardis, A.M.ASCE
Didier Dupre

Matthew G. Karlaftis, Ph.D., M.ASCE
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Edward C. Sullivan, Ph.D., P.E.
Kathryn A. Zimmerman, P.E., M.ASCE

Lawrence L. Smith, P.E., F.ASCE
Matthew G. Karlaftis, Ph.D., M.ASCE
Samer M. Madanat, Ph.D., P.E., M.ASCE
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Darin Friedmann
Ortfried Friedreich, C.Eng, M.ASCE
Alfred Fruehwirth
Antonio Garcia
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William T. Hathaway
James Hoelscher
Gary W. Houts, P.E., M.ASCE
Dieter Jussel
John Kapala
William H. Leder, P.E., F.ASCE
Jun-Ho Lee
J. Sam Lott, P.E., M.ASCE
Interlocking Concrete Pavers Standards

David Hein, P.E., M.ASCE, Chair
Gonzalo R. Rada, P.E., M.ASCE, Vice-Chair
Reza Akbari, Aff.M.ASCE
Robert D. Bowers, P.E., M.ASCE
Daniel R. Clark, P.E., M.ASCE
Kevin Earley, RG, Aff.M.ASCE
Gerardo W. Flintsch, P.E., M.ASCE
John C. Folts, P.E., M.ASCE
Glen Herold, P.Eng, M.ASCE
Christopher J. King, P.E., S.E., M.ASCE

Purpose: to gather, review, develop, evaluate, and disseminate new criteria, research, technologies and other information in the areas of Airfield Pavement Design, Evaluation, Construction, Maintenance, and Sustainability. To liaison with government agencies and industrial groups to identify airfield pavement issues that need further research, guidance or criteria development.

Aviation Council

Ernie Heymsfield, M.ASCE, Chair
Jeh S. Tingle, P.E., M.ASCE

Aviation Planning and Operations Committee

Purpose: to address issues dealing with (1) the planning and design of airport runways, taxiways, aprons, terminals, ground transportation facilities, and support facilities (excluding airfield pavement design) and (2) the safe, secure and efficient operation of these facilities. The Committee’s purpose is to advance the art and science of civil engineering by: (1) promoting the civil engineer’s leading role in the planning and design of airports and associated ground transportation facilities, (2) fostering education and research in airport design and operations to improve the civil engineer’s analytical and design capabilities, (3) promoting state of the art methods of analysis - including fast-time and real-time simulation - to address planning, security, environmental, and operational issues facing airport operators, national and state aviation agencies, airport users, and the traveling public, (4) promoting advances in the field of airport planning and design by civil engineering, (5) working with other technical divisions of the Society demonstrated in the relationship between their concerns and airport planning and development.

Logadassen Curoopen
Christopher S. Day, P.E., M.ASCE
Rand A. Decker, Ph.D.
Richard P. DeiTos Jr., A.M.ASCE
Stephen M. Denes, P.E., M.ASCE
Jonathan F. Diberardino
Walter L. Dillinger, P.E., F.ASCE
Bojan Drakul
William J. Dunlay Jr., Ph.D., M.ASCE
Louis Einhorn, P.E., F.ASCE
Jonathan C. Esslinger, P.E., F.ASCE
Lawrence J. Fabian
William A. Fife, P.E., M.ASCE
T&DI COMMITTEES 539

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Ray Fowler, P.E., F.ASCE
Joseph H. Gabbert, M.ASCE
Douglas F. Goldberg
Nils E. Gonzalez, P.E., M.ASCE
Geoffrey D. Gosling, Ph.D., M.ASCE
Donald J. Guffey
Jim W. Hall Jr., P.E., L.S., F.ASCE
Michael P. Hanlon
Michael A. Harrison
Frank V. Hermann, P.E., M.ASCE
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Saleh A. Mumayiz
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Mark A. Murray, P.E., P.E., M.ASCE
Shashi S. Nambisan, P.E., M.ASCE
Bruce R. Neuffer, Ph.D., P.E., M.ASCE
Elisha Novak, P.E., Aff.M.ASCE
Ed Oshinski
James J. Pantina, P.E., M.ASCE
David Powell, P.E., M.ASCE
Ronald F. Price, P.E.
Christopher T. Quinn, P.E., M.ASCE
Colleen E. Quinn, P.E., M.ASCE
Jasenka M. Rakas, M.ASCE
Timothy S. Ray, P.E., M.ASCE
Christopher A. Robinson
Michael C. Rose
Ronald E. Rowan, P.E., M.ASCE
Maurice Sasson, P.E., L.S., M.ASCE
Saty D. Satyamurti, Ph.D., P.E., P.Eng, M.ASCE
Jerry B. Schneider
Thomas M. Schnetzer
Paul Schonfeld, Ph.D., P.E., F.ASCE
Carl S. Selinger, M.ASCE
Jerry F. Shelberg
Lawrence L. Smith, P.E., F.ASCE
Robert E. Smith Jr., P.E., F.ASCE
William J. Sproule, Ph.D., P.E., F.ASCE
Pann S. Sribhen, P.E., L.S., M.ASCE
Nikiforos Stamatidis, P.E., M.ASCE
Albert T. Stoddard, Ph.D., P.E., M.ASCE
John J. Szeleny
Vojin S. Tosic
Antonio A. Trani
Roland A. Tripp, M.ASCE
Steven J. Vecchi
Daniel A. Viscardi, P.E., M.ASCE
George P. Vittas, P.E., M.ASCE
Reginald S. Wallace, P.E.
James E. Watt Jr., P.E., M.ASCE
Roger L. Wayson, P.E., M.ASCE
Gregg M. Wollard, P.E., M.ASCE

Airfield Pavement Committee

Purpose: To study and report on airfield pavement developments and requirements.

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Land Use and Development Committee

Purpose: to advance the art and science of civil engineering by: (1) promoting the civil engineer’s leading role in land use and transportation land use of planning, (2) fostering education and research in land use matters to improve the civil engineer’s analytical and design capabilities, (3) promoting coordinated planning and programming of public works and private development, (4) emphasizing environmental, aesthetic and visual design, cultural, social and economic factors in planning, design and development techniques, (5) disseminating information regarding state of the art technology as applicable to land use, (6) promote advances in the field of housing by civil engineering, (7) working with other technical divisions of the Society demonstrated in the relationship between their concerns and land use planning and development.

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B. Kent Lall
Kang-Won L. Lee, Ph.D., P.E., F.ASCE
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<td>Zhanping You, Ph.D., P.E., M.ASCE</td>
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### Planning, Economics and Finance Committee

Purpose: to study and disseminate information on technical and policy aspects of transportation planning, economics, and finance, including topics such as travel demand modeling, data collection and analysis, system management, project evaluation, roadway pricing and cost effectiveness. To advance effective planning, evaluation, and assessment of transportation systems by exchange of information on experience and outcomes through professional conferences/meetings, webinars, publications, and other communication mechanisms.

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<th>Chair</th>
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<td>Steve Zullo</td>
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Billy M. Williams, P.E., M.ASCE
Ping Yi
Zhanmin Zhang, Ph.D., A.MASCE

Advanced Technologies Committee
Purpose: to provide a forum for the discussion on advanced technologies, and interaction among the varied professional transportation specialties involved. To encourage and guide the ASCE community in seeking out and implementing new opportunities for advanced technology applications in transportation; to provide leadership for ASCE conferences in the application of advanced technologies in transportation. To foster international exchanges and education on advanced technologies.

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Gary T. Ritter, P.E., M.ASCE
William H. Schneider IV
Kumares C. Sinha, Ph.D., P.E., Hon.M.ASCE

Infrastructure Systems Committee
Purpose: to study, evaluate and report on current practices and promote new developments in the science of infrastructure management. The committee’s focus is on broad infrastructure related practices such as, Planning & Development, Operations & Maintenance, and improving Infrastructure Management Strategies as they relate to transportation, public works, and parks and recreation infrastructure systems. Scientific and civil engineering disciplines include inventory management, condition assessment, deterioration modeling, evaluation of impacts of deteriorating infrastructure, decision making and financing strategies. The committee activities include the promotion of new and cross-cutting technologies such as, computer-aided decision support, the development of analytical models, automated data collection techniques and other products via specialty conferences, web pages, white papers and other special projects.

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Richard C. Hanley, P.E., M.ASCE
Pannapa Herabat
T&DI COMMITTEES

Intermodal & Logistics Committee

Purpose: to address all types of intermodal freight transportation, including rail-water, rail-highway, highway-water, and highway-air modal combinations. All aspects that impact freight movement, such as rates, routes, services, transfer facilities, and containers are considered. The purpose of the committee is to advance the art and science of civil engineering by: (1) promoting the civil engineer’s leading role in intermodal transportation, (2) disseminating information regarding state of the art technology as applicable to intermodal transportation, (3) fostering education and research in intermodal matters, and (4) collaborating with other technical committees of the Society and with multimodal committees of other organizations.

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William C. Thompson, P.E., M.ASCE
Dave Vanderveer

Transportation Safety Committee

Purpose: to disseminate safety information and to provide education and training pertaining to safety issues related to the planning, design, construction and operation of transportation facilities. The committee’s emphasis will be on increasing safety awareness of all aspects of transportation infrastructure operations and improvement.

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Sunanda Dissanayake, P.E., M.ASCE
Reza Jafari, Ph.D., P.E., M.ASCE
Yingfeng Li, M.ASCE
Subcommittee on Security

Purpose: to provide a forum for civil engineers to collaborate in the following areas: 1) investigate the vulnerabilities in the nation’s transportation infrastructure and operations to terrorism. 2) educate and train civil engineers on ways in which civil engineers can incorporate design elements and operating strategies to “harden” infrastructure and operations against terrorist threats and attacks. 3) educate and train civil engineers on how to plan for transportation operating continuity and recovery during and after terrorist attacks. To encourage the development and use of standards in policies, procedures, software, hardware aimed at increasing the security of the nation’s transportation infrastructure and operations.

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Brian F. Wareham
Jeffery L. Western, P.E., S.E., M.ASCE
Saini Yang

Rail/Public Transit Council

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David B. Clarke, P.E., M.ASCE
Walter Kulyk, P.E., M.ASCE
Steve L. Perliss, P.E., M.ASCE

Automated People Movers Committee

Purpose: to study and evaluate development in automated people movers, including planning, design, construction, operations, and financial feasibility, and to encourage exchange of experience through publications, workshops, and conferences.

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Murthy V. A. Bondada, Ph.D., P.E., F.ASCE
Robert R. Griebenow, P.E., M.ASCE
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J. Sam Lott, P.E., M.ASCE
John D. Manning, P.E.
Lawrence L. Smith, P.E., F.ASCE
William J. Sproule, Ph.D., P.E., F.ASCE

Public Transport Committee

Purpose: to examine and evaluate the developments in public transport modes, with emphasis on the planning, design, construction and rehabilitation of capital facilities; and further to address such developments from both technical and management considerations; and to sponsor publications and meetings to disseminate state-of-the-art information.

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Sharon T. Matias
Narasimha A. Murthy, P.E.
**T&DI COMMITTEES**

T&DI COMMITTEES 545

Anand A. Telang, P.E., M.ASCE  
Fernando Villarreal

Rahul Tiwari, R.A.  
David H. Yazhari, P.E., M.ASCE

**Rail Transportation Committee**

Purpose: to advance the science and civil engineering applications of the rail transportation mode, that is currently transporting seventy percent of the total multi-modal freight by tonnage, and that is subjected to new passenger transportation challenges in the USA. The central purpose of the Rail Transportation Committee (RTC) is to reflect the growing interest in rail transport to further enhance the benefits inherent to the rail mode, such as high efficiency of energy use, effectiveness of land utilization, direct access to city centers, and major environmental advantages. Also theoretical and practical aspects of high-speed rail passenger transportation, in the high-speed rail field, major reductions of travel times and unequaled travel safety. Theoretical and practical aspects of high-speed rail passenger transportation are, therefore, an indispensable component of the RTC’s activities, that involve also technological and economic issues of multipurpose utilization of existing active and inactive railway lines and right of ways.

David B. Clarke, P.E., M.ASCE, Chair  
Henry C. Schrader, P.E., F.ASCE

Pasi Lautala, D.Eng., P.E., M.ASCE, Vice-Chair  
Sunduck D. Suh, P.E.

Murthy V. A. Bondada, Ph.D., P.E., F.ASCE  
Chris Barkan, Aff.M.ASCE

Frank W. Clark, P.E., M.ASCE  
Steven Chrismer

Vanessa DellaPasqua  
Tyler Dick, P.E., M.ASCE

Marcus Dersch, A.M.ASCE  
Wei Fan

George Haikalis, M.ASCE  
Hai Huang, A.M.ASCE

Shinya Kikuchi, Ph.D., P.E., M.ASCE  
Ding Qing Li, P.E., M.ASCE

Louis T. Klauder, P.E.  
William S. Riehl III, P.E., M.ASCE

Gina Macchiarioli  
Ramakrishna R. Tadi, P.E., M.ASCE

Kan C. Mehta, P.E., M.ASCE  
William T. Thomsen Sr., P.E., M.ASCE

Charles B. Madd Jr.  
Roger L. Wayson, P.E., M.ASCE

Fazil T. Najafi, Ph.D., M.ASCE  
Jan H. Zicha, P.E., M.ASCE

R S. Phelan, Ph.D., P.E., S.E., MLSE, M.ASCE

**Roadway Council**

Robert Bryson, P.E., M.ASCE, Chair  
Mustaque Hossain, P.E., F.ASCE

Imad L. Al-Qadi, Ph.D., P.E., Dist.M.ASCE  
Joe W. Ruffer, P.E., F.ASCE

Neeraj J. Buch, A.M.ASCE  
Mitsuru Saito, Ph.D., P.E., F.ASCE

Katie Chou

**Highway Construction Committee**

Purpose: to participate in the development and dissemination of best practices for transportation project construction; to develop and encourage the use of new methods and procedures for the sound and economic construction of transportation projects; to sponsor activities designed to increase the overall knowledge of construction methods, equipment, materials and cost; to investigate and report on specific problems in the field of transportation construction, maintenance and operation; to act as a focal point within the Society for all activities relating to transportation project construction, and to cooperate with other committees both within and outside of the Society to effect the above objectives.

Mustaque Hossain, P.E., F.ASCE, Chair  
Takahiko Kimura, P.E., F.S, M.ASCE

Archie F. Carter, P.E., M.ASCE  
Desmond H. Lew, P.E., M.ASCE

Rajib B. Mallick, P.E., M.ASCE  
David F. Martinez, P.E.

Shiraz D. Tayabji, Ph.D., P.E., M.ASCE  
Matthew M. McDole Jr., P.E., F.ASCE

David N. Sillars, P.E., M.ASCE, Vice-Chair  
Kabindra P. Mohanty, P.E., F.ASCE

Yong Bui, P.E., F.ASCE  
Harikrishnan Nair, P.E., M.ASCE

Stephen F. Duffy, Ph.D., P.E., F.ASCE  
Jerry C. Porter, P.E., M.ASCE

Michael B. Eidlön  
Robert J. Scancella, P.E., M.ASCE

Sheldon D. Eskelson  
James A. Scherocman, P.E., M.ASCE

Timothy W. Fredlund, P.E.  
Suchit Sinha

Reed B. Freeman, P.E., M.ASCE  
Walter C. Vodrazka Sr., Ph.D., P.E., F.ASCE

John Giardiello, P.E., M.ASCE  
Charles J. Williams Jr., P.E., M.ASCE

James Kelley
Street and Highway Operations Committee

Mitsuru Saito, Ph.D., P.E., F.ASCE, Chair
Majed N. Al-Ghandour, Ph.D., P.E., M.ASCE, Vice-Chair
Reza Jafari, Ph.D., P.E., M.ASCE, Secretary
David H. Bulman, P.E., F.ASCE
Robert F. Dale, P.E., F.ASCE
William J. Davis, P.E., M.ASCE
Hugh M. Elliott, P.E., M.ASCE
Paul F. Hanley, A.M.ASCE
Joseph M. Mc Dermott, P.E., M.ASCE
Panos D. Prevedouros, M.ASCE
Nagui M. Roupshail, A.M.ASCE
Samih Shilbayeh
Alex Sorton, M.ASCE
Mark D. Van Hala, P.E., M.ASCE
Ahmed Abdel-Rahim, P.E., M.ASCE
Ahmad D. Al-Akhras, Ph.D., P.E., F.ASCE
Haitham M. Al-Deek, P.E.
Ghulam Bham, P.E., M.ASCE
Robert Bryson, P.E., M.ASCE
James Chapman

Corresponding Member
Zifeng Wu, S.M.ASCE

Highway Pavement Committee

Katie Chou, Chair
Hasan Ozer, A.M.ASCE, Vice-Chair
Ali R. Abbas
Robert M. Brooks, Ph.D., P.E., F.ASCE
William G. Buttlar, P.E., M.ASCE
Archie F. Carter, P.E., M.ASCE
Brian K. Diefenderfer, P.E., M.ASCE
Stacey D. Diefenderfer, P.E., M.ASCE
Elham Fini
Nasir Gharabeh, P.E., M.ASCE
Andrew J. Gisi
Jim W. Hall Jr., P.E., L.S., F.ASCE
Titin Handoko, P.E., M.ASCE
R Gary Hicks, Ph.D., P.E., F.ASCE
Alan S. Kercher, Aff.M.ASCE
Maureen A. Kestler, Aff.M.ASCE
Jungyong Kim, Ph.D., P.E., F.ASCE
Y. R. Kim, Ph.D., P.E., F.ASCE
Yongjoo Kim
Sanford P. La Hue Jr., P.E., M.ASCE
Samuel Labi, Ph.D., A.M.ASCE
Charles D. Larson, P.E., M.ASCE
Kang-Won W. Lee, Ph.D., P.E., F.ASCE
Juan Yu Liu, P.E., M.ASCE

John M. Corbin, P.E., M.ASCE
Said M. Easa, Ph.D., P.E., M.ASCE
Ardeshir Faghri, M.ASCE
John Fegan
Nicholas J. Garber, Ph.D., P.E., Dist.M.ASCE
Khaled Hamad
C. Jotin Khisty, Ph.D., P.E., M.ASCE
B Kent Lall, Ph.D., P.E., F.ASCE
Herbert S. Levinson, P.E., F.ASCE
Abbas Mohaddes
William E. Moritz
Daniel L. Murphy Jr., P.E., M.ASCE
RAMAN K. PATEL, P.E.
Anuj Sharma, A.M.ASCE
Edward J. Smaglik, A.M.ASCE
Kevin R. St Jacques
Kevin R. St Jacques
Lois Thibault
Thomas Walsh

Corresponding Member
Zifeng Wu, S.M.ASCE

Purpose: to gather, review, develop, evaluate, and present newly developed technologies and other information in the areas of Pavement Design, Construction, Maintenance and Rehabilitation. This information will be shared with the international pavement community, in a timely manner, in the form of technical presentations at conferences, ASCE sponsored publications, and other means of telecommunications. The committee will also partner with other entities from the industry and other Federal, State and local agencies to foster the delivery of the above services to the International Pavement Community.

Charles A. Machemehl Jr., P.E., L.S., F.ASCE
Kamyar C. Mahboub, P.E., F.ASCE
Hesham S. Mahgoub, P.E.
Theodore R. Maynard, P.E., M.ASCE
Roger W. Meier, M.ASCE
Emmanuel B. Owusu-Antwi, P.E., M.ASCE
Tongyan Pan, P.E., M.ASCE
Athanasios T. Papagiannakis, P.E., F.ASCE
Wei-Chou V. Ping, P.E., M.ASCE
Ali A. Selim, P.E., F.ASCE
James M. Shilstone V, P.E.
Omar G. Smadi
Waheed Uddin, Ph.D., P.E., M.ASCE
William R. Vavrik, P.E., M.ASCE
Eileen Velez-Vega, P.E.
Limbing Wang
Seong-Dong Wee, A.M.ASCE
Jose Weissmann, P.E., M.ASCE
Haifang Wen, P.E., M.ASCE
Margot T. Yapp, P.E., M.ASCE
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Ghassan R. Chehab, A.M.ASCE  
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Muhammed E. Kutay  
Andreas Loizos, A.M.ASCE  
Massimo Losa  
Scott Murrell, P.E., M.ASCE

Harikrishnan Nair, P.E., M.ASCE  
Charles W. Schwartz, Ph.D., M.ASCE  
Nabil J. Suleiman, A.M.ASCE  
Erol Tutumluer, Ph.D., M.ASCE  
Hao Wang, A.M.ASCE  
Kelvin C. Wang, P.E., M.ASCE

Task Committee on Long Term Pavement Performance Contest
Purpose: to conduct and plan the International DataPave Contest and the development and execution of a professor-training workshop on the LTPP program in general, with more focus on data analysis.

Neeraj J. Buch, A.M.ASCE, Co-Chair  
Aramis Lopez, Aff.M.ASCE, Co-Chair  
Antonio Nieves Torres Jr., A.M.ASCE, Co-Chair  
Shelley Stoffels, Co-Chair  
Imad L. Al-Qadi, Ph.D., P.E., Dist.M.ASCE  
Andrea C. Baker, Aff.M.ASCE  
Fouad M. Bayomy, Ph.D., P.E., M.ASCE  
Karim Chatti, A.M.ASCE  
Armando J. De La Rocha, P.E., M.ASCE  
Norbert J. Delatte Jr., Ph.D., P.E., F.ASCE  
Gerardo W. Flintsch, P.E., M.ASCE  
Paul T. Foxworthy, Ph.D., P.E., M.ASCE  
Andrew J. Gisi  
Keith D. Herbold, P.E.  
Haiming Huang, P.E.  
Roger M. Larson, P.E., M.ASCE  
Kang-Won W. Lee, Ph.D., P.E., F.ASCE  
Sue McNeil, Ph.D., P.E., M.ASCE  
Athanassios T. Papagianakis, P.E., F.ASCE  
Jorge A. Prozzi, Ph.D., A.M.ASCE  
Stefan A. Romanoschi, P.E., M.ASCE  
Olga I.Selezneva, A.M.ASCE  
Ali A. Selim, Ph.D., P.E., F.ASCE  
Roger E. Smith, P.D., P.E., F.ASCE  
Nabil J. Suleiman, A.M.ASCE  
Waheed Uddin, Ph.D., P.E., M.ASCE

Local Roads and Streets Committee
Purpose: to seek out, compile and disseminate information on management, rehabilitation, construction, maintenance, design, operations and safety aspects appropriate for local roads and streets. To arrange for presentation and sessions on specific problems and alternative solutions that will inform the civil engineering community, especially those in charge of the majority of our highway system, the local roads and streets. The committee will coordinate the activities with other committees both within and outside the Society.

Joe W. Ruffer, P.E., F.ASCE, Chair  
Cornelius W. Andres, A.M.ASCE, Vice-Chair  
Richard F. Beaubien, P.E., F.ASCE  
Richard F. Creed, P.E., M.ASCE  
Sunanda Disanayake, P.E., M.ASCE  
Larry W. Emig, P.E., M.ASCE  
Loren Evans, P.E., M.ASCE  
Larry A. Fites, P.E., M.ASCE  
Ray G. Griffith, P.E., F.ASCE  
Foster D. James  
Sanford P. La Hue Jr., P.E., M.ASCE  
David A. Leamon, P.E., M.ASCE  
Theodore R. Maynard, P.E., M.ASCE  
Andrew E. Ramisch, P.E., PTOE, M.ASCE  
Eugene R. Russell, Ph.D., P.E., F.ASCE  
Ronald J. Seitz, P.E., M.ASCE  
Raj K. Sharma, M.ASCE  
Roger E. Smith, Ph.D., P.E., F.ASCE  
Erick L. Solle, P.E., M.ASCE  
John C. Vancor, M.ASCE  
Eugene M. Wilson, Ph.D., P.E., M.ASCE  
Guy W. Winton III, P.E., P.L.S.
CODES & STANDARDS COMMITTEE (CSC)

*Purpose:* Overall responsibility for the Codes and Standards Program including enforcement and maintenance of the ASCE Rules for Standards Committees approved by the ASCE Board of Direction and ANSI.

Neil M. Hawkins, Ph.D., F.SEI, M.ASCE, *Chair*

James H. Anspach, P.G., M.ASCE

David J. Eaton, Ph.D., A.M.ASCE

John A. Frauenhoffer, P.E., S.E., M.ASCE

Paul A. Harren, P.E., M.ASCE

David Hein, P.E., M.ASCE

Conrad G. Keyes, Jr., Ph.D., P.E., L.S., D.WRE, Dist.M.ASCE

Thomas G. Krzewinski, P.E., D.GE, F.ASCE

Bonnie E. Manley, P.E., M.ASCE

Max L. Porter, Ph.D., P.E., F.SEI

Michael W. Salmon, P.E., M.ASCE

Warren K. Wray, Ph.D., P.E., D.GE, F.ASCE

Paul Sgambati, P.E., M.ASCE, ASCE Staff

Contact

In 2003, the Board of Direction approved the revision to the ASCE Rules for Standards Committees to govern the writing and maintenance of standards developed by the Society. All such standards are developed by a consensus standards process managed by the Society’s Codes and Standards Committee (CSC). The consensus process includes balloting by a balanced standards committee made up of Society members and nonmembers, and an advertised public comment period. Standards are updated or reaffirmed by the same process at intervals not exceeding five years.

ASCE Rules for Standards Committees

Approved by ASCE Codes and Standards Committee: March 18, 2010
Approved by ASCE Governing Documents Committee: May 19, 2010
Approved by ASCE Board of Direction: July 10, 2010
Approved by American National Standards Institute (ANSI): October 27, 2010

Effective Date: August 20, 2010

1. SCOPE

1.1 General

These ASCE Rules for Standards Committees (Rules) govern the organization and operation of the American Society of Civil Engineers (ASCE) standards committees (Committees), standards councils (Councils), the executive committees of Councils or technical divisions (Council ExComs), and the ASCE Codes and Standards Committee (CSC). The organization and responsibilities of CSC are defined in Article 9 of ASCE’s Rules of Policy and Procedure. For Councils without an executive committee, the term Council ExCom shall refer to the Council as a whole. CSC shall interpret matters not covered in these Rules and shall be permitted to publish supplemental policies and procedures.

1.2 Revisions and Updates

Anyone at any time shall be permitted to propose revisions to these Rules in writing to CSC. CSC shall submit its recommended revisions to the ASCE Board of Direction for approval and if approved then to the American National Standards Institute (ANSI) for approval.

1.3 Applicability

These Rules shall be in force for all standards committees as of the effective date specified by the ASCE Board of Direction. If a standards committee is in the process of conducting a ballot at the time of approval, the revised rules shall be in force on the subsequent committee ballot.

2. ESTABLISHING A STANDARDIZATION ACTIVITY

2.1 Requests

Any person, organization, or existing committee shall be permitted to submit to CSC a proposal to establish a standardization activity. ASCE will undertake only those standardization activities that are of substantial public benefit, consistent with ASCE’s goals, and feasible within the resources available to ASCE.
2.2 Proposal Contents
A proposal to establish a standardization activity shall include the following:

a. A concise statement of the scope of the standard and the system of measurement units to be used in the standard.

b. The objective of the standard, including whether it is intended for mandatory or non-mandatory use, and if it is intended to become an American National Standard (ANS).

c. The need for and anticipated benefits to the public of the proposed standardization activity.

d. A rationale for ASCE undertaking the activity.

e. Potential Committee members.

f. A core user group of the proposed standard.

g. Existing standards related to the topic area, including International Standards Organization (ISO) or International Electrotechnical Commission standards (IEC).

h. A schedule for producing the standard.

i. An estimate of the Committee costs and funding sources.

2.3 Proposal Review and Acceptance
CSC shall distribute each proposal to all appropriate Standards Council’s, ExComs, ASCE Technical Division ExCom’s and other appropriate ASCE committees for a minimum review period of 30 days. The Standards Council ExCom(s), appropriate to the subject of the proposal, shall ballot the proposal and report their findings to CSC. If the Council Excom approves the proposal, CSC shall then review all comments and make a determination as to whether to approve the proposal. If approved by majority vote of the CSC a committee shall be charged to develop the standard.

2.4 Committee Scope
CSC shall take one of the following actions if an approved standardization activity does not fit within the scope of an existing Committee:

a. Change the scope of an existing Committee, with their concurrence, to include the new standardization activity or

b. Establish a new Committee within an appropriate discipline-specific Council with their concurrence; or

c. Directly supervise a new Committee.

2.5 Duplications and Conflicts
Committees shall make every effort to avoid conflicts with other ASCE standards or those of ANSI-accredited standards developing organizations. Any individual, group, or organization concerned that a proposed standardization activity duplicates or conflicts with an existing standard or a candidate standard being developed by an ANSI-accredited organization shall submit a written statement asserting their concerns to CSC. It shall be CSC’s responsibility to initiate and participate in deliberation of the issues within 90 days to resolve assertions of duplication or conflict. The deliberations shall be permitted to take a variety of forms including an in-person meeting, conference call, written correspondence, e-mail, or a combination of forms. If the party or parties raising the issue of duplication or conflict do not enter into deliberations with CSC within 90 days after receipt of notification and it can be demonstrated to CSC that a good faith effort has been made to schedule or otherwise organize the deliberations, then CSC shall render a decision without deliberation. The outcome of the deliberations shall be recorded and retained as part of the records of the standardization activity.

2.6 Joint Sponsorship
Committees shall be permitted to be jointly sponsored by ASCE technical divisions, other technical councils of ASCE, ASCE Institutes, and by other organizations. These Rules apply to all Committee activities sponsored or co-sponsored by ASCE, unless CSC accepts the use of a co-sponsor’s rules.
Where the co-sponsor has its own rules and a conflict exists, CSC shall approve any deviation from these Rules.

2.7 Notification of New Standardization Activity

After CSC approves a new standardization activity, CSC shall take steps to notify interested parties of the proposed project. Notification shall include, but not be limited to, the following as appropriate:

a. Notification to ANSI (e.g., Project Identification Notice of Standard (PINS) form).

b. Publication in ASCE News (print and/or electronic media).

c. Notification to the public (e.g., consumer groups, public interest organizations, engineering societies, and technical organizations).

2.8 Termination of Standardization Activity

2.8.1 Initiation of termination. In the event a standardization activity becomes obsolete, is no longer in demand, or is no longer appropriate for ASCE, CSC shall be permitted to initiate termination by a two-thirds (2/3) vote.

2.8.2 Termination and withdrawal of the standardization activity. Following the initiation of termination, the withdrawal process shall proceed in accordance with 2.7 (notifications), 5.3 and 5.5 (Committee approval), and 5.9 (public comment). When terminating a standardization activity for which a PINS had been filed with ANSI, ANSI shall be so notified; for standards approved as an ANS, CSC shall process the withdrawal according to ANSI procedures.

3. COMMITTEE MEMBERSHIP

3.1 Approval of Members

Both ASCE and non-ASCE members may be voting members of a Committee (Members). Membership shall be open to all persons who might reasonably be expected to be, or who indicate they are, directly or indirectly affected by the activity without dominance (see 3.2.3) by any single interest category defined in 3.2.1.

3.1.1 Application for membership. An individual seeking membership shall submit to ASCE Codes and Standards staff an application on a prescribed form upon which the applicant shall:

a. Identify his/her membership interest category.

b. Include a brief resume and a statement that shall describe the applicant’s interest in and commitment to participation in the work of the Committee.

3.1.2 Chair’s actions. The Chair shall act to accept or reject the application, forward notice of such action in writing to ASCE Codes and Standards staff, and report the action taken to the Committee at its next meeting or at least annually.

3.1.3 Appeal of Chair’s actions. If denied membership, the applicant shall be permitted to request a full Committee vote. A majority vote of those voting yes or no is required to overturn the Chair’s action. The applicant shall be permitted to appeal the Committee’s decision to the Council ExCom per 6.4.2.

3.1.4 Restrictions during ballot process. Applicants shall not be admitted to the Committee during the balloting process unless approved by the Council ExCom, except as noted in 3.2.7.a.

3.2 Balance

3.2.1 Membership categories. Committee Membership shall be balanced among the following categories:

a. Consumer: Includes representatives of owners, owners’ organizations, designers and consultants retained by owners, testing laboratories retained by owners, facility operators, and insurance companies serving owners.

b. Producer: Includes representatives of manufacturers, distributors, developers, contractors and subcontractors, construction labor organizations, and associations of these groups and professional consultants to these groups.

c. General: Includes representatives of the general public having an interest in the process or product being standardized, such as from private, state, and federal research organizations; public interest groups; and standards and model code organizations.
d. Regulatory: Regulators shall be permitted to form a special subclass of the General category when the standard is intended to be used for regulatory purposes by local, state, or federal agencies.

3.2.2 Determination of category. The Chair shall make the final determination of a Member’s category or, if the Chair so requests, by the Committee shall make the final determination by simple majority vote. Members in disagreement with their assigned category shall be permitted to appeal to the Council ExCom, whose decision shall be final.

3.2.3 Balance criteria. The following criteria shall apply for balance:
   a. Producers: 20 to 40 percent
   b. Consumers: 20 to 40 percent
   c. General: 20 to 40 percent.
   d. General-Regulatory: For standards of regulatory interest, 5 to 15 percent of the total membership shall represent a subclass of regulatory and/or enforcement organizations.

3.2.4 Represented interests. Membership within each category shall be well distributed among any interests or organizations that constitute that category. No organization or interest shall have more than one employee or representative as a Member on a Committee unless approved by the Council ExCom.

3.2.5 Committee size. The minimum Committee size shall be 12 Members. The Council ExCom shall be permitted to establish a maximum Committee size by a majority vote.

3.2.6 Committee roster. The Council ExCom shall review and approve the Committee roster annually.

3.2.7 Termination of membership. Membership on a Committee can be terminated by one of the following conditions:
   a. Membership is automatically terminated if a Member fails to vote on two consecutive Committee letter ballots. The Chair shall be permitted to reinstate a Member terminated for this reason if the Member submits a written request, including a satisfactory explanation for the inactivity, within 30 days after a notification of termination is issued.
   b. The Chair shall be permitted to terminate a Member if the Member abstains on a majority of the items contained within each of two consecutive Committee letter ballots.
   c. Membership shall be terminated for cause upon recommendation by 2/3 vote of the Committee and approval by 2/3 vote of the Council ExCom.

3.2.8 Subordinate groups. The Chair shall be permitted to establish subordinate groups (e.g., subcommittees, work groups, task groups) to assist in meeting the Committee’s objectives. The subordinate group is not part of the consensus body and is not subject to these Rules.

3.3 Officers

3.3.1 Committee officers. The Council ExCom shall appoint the Chair by majority vote. The Chair shall appoint a vice chair and a secretary, and the Committee shall confirm the appointments by majority vote at a duly constituted meeting. The Chair and vice chair shall be ASCE or Institute members.

3.3.2 Subordinate group officers. Subordinate group chairs shall be appointed by the Chair and serve at the discretion of the Chair.

3.3.3 Removal of officers. Council ExComs shall be permitted to remove Committee Members from office by a 2/3 vote.

3.4 Reconstitution of Committees

A Council ExCom shall have authority to discharge by 2/3 vote the complete membership of a Committee in order to reconstitute the Committee.

4. OPERATIONS

4.1 Committee Administration

4.1.1 ASCE responsibilities. ASCE shall appoint a representative(s) to perform the following functions:
a. Assure that the Committee complies with these Rules.
b. Assure compliance with the *ASCE Standards Writing Manual*.
c. Keep the Committee officers informed of approved changes in membership.
d. Assist Committee officers with scheduling meeting dates and places.
e. Distribute meeting notices on behalf of the Committee.
f. Distribute all letter ballots, receive and record all completed ballots, advise the Committee of the results of the ballot, and forward negative ballots to the Committee for resolution. Where possible, attend meetings and shall be permitted to serve as secretary without vote.
g. Maintain Committee rosters and provide the name, affiliation, and category of any Member to any interested party upon request.

4.1.2 Budgets. The Committee officers shall be responsible for preparing and submitting to the appropriate entity within ASCE proposed budgets for Committee operations including meeting expenses, travel, expenses for telephone calls and mailings, etc.

4.1.3 Reports. Each Chair shall submit reports as required by its Council ExCom.

4.1.4 Administrative issues. Voting on administrative and process matters exclusive of direct balloting on standards documents shall be determined by simple majority of those attending a meeting satisfying the quorum requirements of 4.4.3.

4.1.5 Records and Auditing. Records shall consist of the following items:

a. Rosters, including Members’ information, applications, biographical summaries, and balance of interest categories
b. Meeting notices, including agendas and attachments
c. Meeting Minutes
d. Correspondence, including notices of standardization activities, invitations to participate, publication articles, and deliberations regarding duplications or conflicts
e. Appeals resolutions
f. Interpretations
g. Tallies of the results from Committee letter ballots
h. Resolution of conflicts from Committee letter ballots
i. Items deferred to next revision cycle.

4.1.6 Maintaining Primary Records. The Committee’s secretary shall be responsible for developing, recording, and maintaining all records, in cooperation with ASCE staff. All records shall be maintained at ASCE Headquarters and be readily accessible from ASCE staff or the secretary.

4.1.7 Record maintenance and retention. Records shall be maintained for a period of 10 years or until approval of the subsequent revision or reaffirmation of the complete standard, whichever is longer. Records concerning withdrawn standards shall be retained for at least five years from the date of withdrawal.

4.1.8 Record disposal. CSC must approve before disposing records. Requests to dispose of records shall identify the affected standard, age of the records, and the type of records.

4.2 Standards Development

4.2.1 Conflicts with other standards. Committees shall make every effort to avoid conflicts with other ASCE standards or those of ANSI-accredited standards developing organizations. CSC shall adjudicate all unresolved conflicts in accordance with 2.5.

4.2.2 International standards. Committees should take relevant ISO or IEC standards into consideration and should, if appropriate, base their standards on or consider the adoption of an ISO or IEC standard as an ASCE standard. Technical Activity Groups (TAGs) exist for most standards projects for which the United States has evidenced substantial interest. These groups shall be permitted to be contacted for information and advice through their TAG Administrators or Technical Advisors (as relevant) who are on record at ANSI headquarters.

4.2.3 Standards format and style. ASCE shall follow latest editions of its *ASCE Standards Writing Manual* and ASCE’s *Editor’s Instructions for Preparing Standards*. 

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4.2.4 Commentaries. Committees are encouraged to provide a commentary, separate and apart from the consensus standard that provides the technical and administrative rationale for the standardization. The Committee shall approve commentaries by letter ballot in accordance with 5.3.

4.2.5 Commercial terms and conditions. Provisions involving business relations between buyer and seller such as guarantees, warranties, assignment of responsibility of work, and other commercial terms and conditions shall not be included in a standard or its commentary.

a. The appearance that a standard endorses any particular products, services or companies shall be avoided. It is not acceptable to include proper names or trademarks of specific companies or organizations, manufacturer lists, service provider lists, or similar material in the text of a standard or its commentary (or the equivalent).

b. Where a sole source exists for essential equipment, materials or services necessary to determine compliance with the standard, it is permissible to supply the name and address of the source in a footnote or commentary as long as the words “or the equivalent” are added to the reference.

c. In connection with standards that relate to the determination of whether products or services conform to one or more standards, the process or criteria to determine conformity can be standardized as long as the description of the process or criteria is limited to technical and engineering concerns and does not include what would otherwise be a commercial term or proper name.

4.3 Patented and Proprietary Items

There is no objection in principle to writing an ASCE standard in terms that include the use of a patented item, if it is the Committee’s consensus view that technical reasons justify this approach. If a standards committee determines that such an approach is necessary, then they shall notify the Society of their desire to include the use of a patented item. If the Society receives a notice that a proposed standard or revision to an existing standard requires the use of a patented item, the following procedures shall be followed:

4.3.1 Statement from patent holder. Before balloting text whose acceptance would include the use a patented item in an ASCE standard, the Society shall receive from any identified patent holder either: assurance in the form of a general disclaimer to the effect that such party does not enforce and does not currently intend on enforcing their patent rights pertaining to the item the use of which would be required for compliance with the proposed American National Standard, or assurance that:

a. A license will be made available without compensation to the applicants desiring to utilize the license for the purpose of implementing the standard; or

b. A license will be made available to applicants under reasonable terms and conditions that are demonstrably free of any unfair discrimination.

4.3.2 Record of statement. A record of the patent holder’s statement shall be placed and retained in ASCE’s files.

4.3.3 Notification during balloting process. Where a Committee is considering the inclusion of a patented item, the Committee shall include a statement in the balloting process indicating a willingness to consider alternatives. The statement with the ballot shall include a request for an alternative(s) as follows:

The (name of material, product, process, procedure, apparatus) is covered by a patent. If you are aware of an alternative(s) to the patented item, please attach a description of the alternatives to your ballot return. All suggestions will be considered by the standards committee.

4.3.4 Responsibility for identifying patents. Neither a Committee nor ASCE shall be responsible for identifying all patents for which a license shall be permitted to be required in using an ASCE standard or for conducting inquiries into the legal validity or scope of those patents that are brought to the Society’s attention.

4.3.5 Notice. When the Society receives from a patent holder the assurance set forth in 4.3.1, the standard shall include a note as follows:

NOTE—The user’s attention is called to the possibility that compliance with this standard shall be permitted to require use of an item covered by patent rights.
By publication of this standard, the American Society of Civil Engineers takes no position with respect to the validity of this claim or of any patent rights in connection therewith. Users of this standard are expressly advised that determination of the validity of any such patent rights, and the risk of infringement of such rights, are entirely their own responsibility. The patent holder has, however, filed a statement of willingness to grant a license under these rights on reasonable and nondiscriminatory terms and conditions to applicants desiring to obtain such a license. Details shall be permitted to be obtained from ASCE.

4.3.6 Footnote. In addition, a statement shall be placed in a footnote of the standard in each specific section of the standard in which the patented item is mentioned. The footnote shall be as follows:

The (name of material, product, process, procedure, apparatus) is covered by a patent. Interested parties are invited to submit information regarding the identification of an alternative(s) to this patented item to ASCE Headquarters. Your comments will receive consideration at a meeting of the responsible standards committee, which you shall be permitted to attend.

4.4 Committee Meetings

Committee meetings shall be conducted in a format that permits members to interact directly. Examples include face-to-face meetings, conference calls, and video conferencing.

4.4.1 Frequency and location. The Committee shall base the frequency of its meetings on its current activities, operating needs, and budget; the location should be convenient to the Members. The Chair shall be permitted to call a meeting at a time and place deemed suitable. The Chair is required to call a meeting on written request of five Members.

4.4.2 Notification. A minimum of 30 days notice shall be given to Members for a meeting. An agenda shall accompany notification of meetings. Public notice for a Committee meeting shall be published at least 15 days before the meeting; publication of the notice on ASCE’s Web site or in ASCE News shall be a minimum requirement. Exceptions to these requirements shall be approved by the Council ExCom.

4.4.3 Quorum. For all meetings, a quorum shall be 30 percent of the Members. If a quorum is not present at a duly called meeting, those assembled shall be permitted to proceed with the specific agenda; however, all actions taken, except those actions listed below shall be submitted to letter ballot for confirmation by the entire Committee:

a. Approve agenda, including additions/deletions of agenda items.
b. Approve minutes if they were distributed in advance to the Committee.
c. Approve submitting a proposal for a new standard activity or to revise an existing standard to letter ballot by the Committee in accordance with 5.3.
d. Establish the date and location of future meetings.

4.4.4 Parliamentary procedures. The rules contained in the current edition of Roberts Rules of Order, Newly Revised shall govern in all cases to which they are applicable and in which they are not inconsistent with the ASCE Rules for Standards Committees.

4.4.5 Open meetings. All Committee meetings shall be open and attendance by interested parties welcomed.

a. Visitors shall not have the right to vote nor shall they, except by specific decision of the Chair, be entitled to receive copies of the minutes.
b. Visitors shall be permitted to address the Committee on a subject relevant to items under consideration, provided due notice of this intent is received by the Chair at least ten days prior to the meeting. The Chair shall be permitted to waive the ten-day notice and shall be permitted to designate the time allotted for such presentation.

5. RULES FOR PROCESSING ASCE STANDARDS

5.1 Applicability of Rules

Proposed provisions for a new standard or changes to an existing standard, including the title of the standard, applicable commentaries and appendices, shall be processed in accordance with these Rules. These Rules shall not be applied to material not directly related to the provisions of the standard, including the Foreword, Table of Contents, Abstract, Committee Roster, and Copyright Page.
5.2 Proposed Standard Provisions

All proposed provisions for a new standard or changes to an existing standard shall be approved through a letter ballot of the Committee in accordance with 5.4. Proposed standards provisions to be included in a letter ballot shall be determined in accordance with this section.

5.2.1 Proposed standard provisions submitted by Members. Any Member shall be permitted to submit proposed standard provisions at any time to the Chair with a request that the proposed provision be considered by a letter ballot of the Committee. The Chair shall take one of the following actions in response to the request:

a. Make a determination to approve or deny the request and notify the Committee of the proposed provisions and the determination.

b. Defer the request for consideration at the next Committee meeting.

5.2.2 Proposed Standard Provisions Not Submitted by Members. Proposed standard provisions shall be permitted to be submitted to the Chair by persons who are not Members. Distribution of the proposed provisions to the Committee for consideration shall be at the discretion of the Chair.

5.3 Committee Letter Balloting

The Chair shall prepare a letter ballot using the ASCE Web-based balloting system. It is prohibited to construct a ballot or ballot item in such a manner so as to assume the vote of an individual if they fail to return a ballot.

5.3.1 Voting. Members shall respond to items by casting votes as follows:

a. Affirmative: To indicate concurrence with the ballot item.

b. Affirmative with comment: To indicate concurrence with a ballot item with a comment.

c. Negative: To indicate opposition to the ballot item.

d. Abstain: To indicate that the Member is not in a position to cast an alternative vote because of a lack of familiarity with the issues addressed by the ballot item.

5.3.2 Voting period. The voting period for letter ballots shall be established by each Committee for each letter ballot, but in no case shall it be less than 30 calendar days. All letter ballots shall be counted by ASCE Codes and Standards staff and reported to the Committee within 30 calendar days following the voting period.

5.3.3 Confidentiality. Members’ votes on all letter ballots shall remain confidential until the voting period is closed.

5.3.4 Unapproved draft standards. Unapproved drafts of standards, commentaries on standards, and related material shall not be cited or referenced by Members for use in professional work and testimony.

5.3.5 Reporting votes. The results of each vote on a standard shall be reported by the ASCE Codes and Standards staff as follows:

a. Number of Members.

b. Number of Members voting affirmatively, with and without comment.

c. Number of Members voting negatively, with and without stated reasons.

d. Number of Members voting abstention.

e. Identification of Members not returning the ballot.

5.3.6 Proxy voting. Proxy voting is not allowed.

5.4 Committee Approval of Proposed Standards Provisions

A proposed standards provision is approved by the Committee when the following conditions have been met:

a. The letter ballots returned, including abstentions, shall represent not less than 65 percent of the Members.

b. Votes cast affirmatively, with and without comment, for each ballot item shall be not less than 75 percent of the total affirmative and negative votes cast and shall not be less than 50 percent of the total Members.
c. Affirm with comment votes have been addressed in accordance with 5.5.
d. Negative ballots have been addressed in accordance with 5.6.

5.5 Resolving Affirm with Comment Votes

Comments provided with Affirm with Comment votes shall be classified as persuasive editorial, persuasive-substantive, or non-persuasive and resolved as defined in this section:

5.5.1 Persuasive editorial. If the Chair determines the comment to be editorial as defined in 5.7 and persuasive, the Chair shall prepare and process the editorial changes in accordance with 5.7.

5.5.2 Persuasive substantive. If the Chair determines the comment to be persuasive and a substantive change is required, the Chair shall submit the proposed revision to the Committee for approval by letter ballot in accordance with 5.4.

5.5.3 Non-persuasive or unrelated. If the Chair determines the comment is non-persuasive or unrelated to the proposal under consideration, all Members will be notified of this determination and the vote shall be recorded as an “affirm with comment vote with a non-persuasive (or an unrelated) comment”. No further action is necessary to resolve affirm with comment votes with non-persuasive or unrelated comments.

5.6 Resolving Negative Votes

Negative votes shall be classified into one of three general categories and resolved as defined in this section:

5.6.1 Negative votes with a related comment. Negative votes that have an explanation, and/or a suggestion for revision pertinent to the issue being balloted shall be resolved by one of the methods of this section.

a. If the Chair determines the negative comment to be editorial:
   i. The Chair’s determination shall be circulated to all Members to provide the opportunity to respond, reaffirm, or change their vote on the ballot item associated with the negative vote in question.
   ii. The negative voter shall be permitted to request a Committee vote on the Chair’s determination by submitting a written request to the Chair within 15 days of notification of the Chair’s action. The Chair shall be permitted to conduct the vote at a meeting or by letter ballot. If the Committee fails to uphold the Chair’s determination by a consensus vote, the negative vote shall be processed in accordance with the other provisions of this section.

b. If the Committee previously found the comment accompanying a negative vote to be non-persuasive, it shall not be necessary to reconsider it unless new technical information not previously known to the Committee was introduced with the vote.

c. Consideration of standards provisions based upon negative votes that include comments and recommendations related to new technical data shall be permitted to be postponed until the next standard revision cycle if approved by a majority vote of the Committee at a duly constituted meeting or by a letter ballot. The new technical data must be provided to the Committee either with the letter ballot or 30 days before the meeting at which the vote on postponement is held. If the Committee votes to approve postponement at a meeting, the approval shall be circulated to all Members to provide the opportunity to respond, reaffirm, or change their vote on the postponement. If the Committee approves postponement, the Chair shall forward the results to the Council ExCom for review.

d. If the Chair determines the suggested explanation for the negative vote and suggested change is persuasive, the Chair shall submit the persuasive negative vote, with the voter’s explanation and the suggested change, to the Committee for approval by letter ballot in accordance with 5.4.

e. If the Chair determines the suggested explanation for the negative vote and suggested change is non-persuasive, the Chair shall submit the non-persuasive negative vote, including the voter’s explanation and suggested change, and the Chair’s reason for proposing to find the vote non-persuasive to the Committee for consideration at a duly constituted meeting or by a letter ballot. Committee votes to find negative comments non-persuasive shall be straight “yes” or “no” votes unless otherwise indicated in the ballot instructions.
i. If the Committee finds a negative vote to be non-persuasive at a meeting, the finding shall be circulated to all Members to provide the opportunity to respond, reaffirm, or change their vote on the ballot item associated with the negative vote in question.

ii. If the Committee approves finding a negative vote to be non-persuasive by letter ballot, no further action is required.

iii. If the Committee fails to find a negative vote to be non-persuasive, the Chair shall either drop the relevant provision to which the voter objects from the standard, or declare the negative vote persuasive and further processed as a new proposed standards provision in accordance with 5.2. If the Committee approves finding a negative vote to be non-persuasive by letter ballot, no further action is required.

5.6.2 Negative votes with an unrelated comment. If the negative vote is accompanied by a comment that is not related to the proposal under consideration, the negative vote shall be recorded as a “negative vote with an unrelated comment.” No action is necessary to resolve negative votes with an unrelated comment.

5.6.3 Negative votes with no comment. Negative votes submitted without an accompanying comment shall be recorded as a “negative vote without comment.” No action is necessary to resolve negative votes with no comment.

5.6.4 Negative votes on straight “yes” or “no” ballot items. Comments received with negative votes on ballot items that are clearly identified as ballot “yes” or “no” votes shall be distributed to the Committee, but need not be addressed. Ballot items to find a comment non-persuasive are, by definition, straight “yes” or “no” votes.

5.6.5 Balloting for resolution of negative votes. Approval by a letter ballot for resolving negative comments shall meet the conditions of 5.4.

5.6.6 Notification of resolution of negative votes. The negative voter shall be informed in writing of the action taken on the negative ballot and of their right to appeal in accordance with section 6.

5.6.7 Withdrawal of negative vote. At any point, a voter shall be permitted to withdraw their negative vote. Such action must be recorded in writing and the entire Committee notified of this action. No further action is required to resolve withdrawn comments.

5.7 Editorial Changes

An editorial change in a standard is one that does not directly and materially affect the use of the standard. Anyone shall be permitted to submit in writing to the Chair a request to make an editorial change to the standard. If the Chair determines the change is editorial, all Members will be notified of this ruling and provided with an opportunity to challenge the ruling. If challenged, the proposed change will be processed as a proposed revision in accordance with these Rules.

5.8 Errata

Errata shall be limited to discrepancies between the balloted and published version of the standard and typographical errors in the published version of the standard. Errata shall be approved by the Chair and need not be processed as a proposed revision in accordance with these Rules.

5.9 CSC Approval of Final Committee Draft Standards and Commentaries

After a Committee approves a proposed standard and commentary, the Chair shall send the draft standard, commentary, and final report regarding procedural matters (such as Committee letter ballots and disposition of negative votes) to the Council ExCom and CSC for review and approval. The scope of the Council ExCom and CSC review shall be limited to issues related to assuring compliance with the Rules.

5.10 Public Comment

5.10.1 Notification of public comment period. After its review and approval, CSC shall publish in ASCE News a notice of the availability for review of the complete proposed standard and the dates for opening and closing a public comment period. The proposed commentary shall be provided with the public comment draft for information only.

5.10.2 Comment period. Any individual who is not a Member shall be permitted to participate in the public comment period on the standard. The minimum public review period shall be 45 days if the publication is available electronically, otherwise it shall be 60 days. Submissions received during the public comment period shall be compiled within 30 days of the close of the
public comment period. Comments submitted after the close of the public comment period shall be permitted to be, at the discretion of the Chair, resolved during the current public comment period or shall be considered during the next revision cycle of the standard.

a. Resolving public comments. All substantive changes resulting from the resolution of comments submitted by reviewers during the public comment period shall be re-circulated to the Committee. The Committee shall process negative and substantive affirmative public comments in accordance with 5.3 (Committee Letter Balloting), 5.4 (Committee Approval of Proposed Standards Provisions), and 5.6 (Resolving Negative Votes).

b. Approving standards and commentaries. CSC shall issue a final report on the public comment period certifying compliance with these rules and procedural matters. CSC shall approve the standard and commentary only after determining that they were developed in compliance with the Rules.

5.11 Revision or Reaffirmation

A Committee responsible for an ASCE standard should establish and publish a schedule providing for review and needed revision or reaffirmation at intervals not to exceed five (5) years. Extensions beyond this five (5) year period require the approval of both the appropriate Council ExCom and CSC. Revisions shall consider all interpretations by the Committee. Requests for revisions to a standard shall be permitted to be made by any person or organization, and shall be addressed in writing to CSC. If no request for revision is received, the standard shall be reaffirmed by Committee letter ballot followed by a public comment period, both of which shall be conducted in accordance with these Rules.

5.12 Designation as an American National Standard

A standard intended for designation as an American National Standard (ANS) shall be processed in accordance with ANSI’s procedures, including the current edition of ANSI Essential Requirements: Due process requirements for American National Standards. A standard that is approved as an ANS shall have its cover or title page marked with an approved ANSI logo furnished by ANSI or the words “an American National Standard.” Comments received during this process shall be addressed in the same manner as comments submitted during the public comment period.

6. APPEALS

6.1 Scope

Appeals regarding a standardization activity shall be permitted to be made regarding procedural issues. Appeals pertaining to restraint of trade are automatically considered procedural in nature and shall be processed in accordance with this section only.

6.2 Eligible parties

Persons who have directly and materially affected interests and who have been or shall be permitted to be adversely affected by a procedural action or inaction have the right to appeal.

6.3 Filing

The appellant shall file a written complaint with CSC within 30 days after the postmark date of the letter notifying the objector of action taken or at any time with respect to inaction. The complaint shall state the nature of the objection(s) including any adverse effects, the specific clause(s) of these Rules or the standard that is at issue, actions or inactions that are at issue, and shall provide the specific remedial action(s) that would satisfy the appellant’s concerns. Previous efforts to resolve the objection(s) and the outcome of each shall be noted in the written complaint.

6.4 Resolution

6.4.1 Resolution of actions taken by the Chair. Within 30 days after the receipt of the complaint, the Council ExCom or its designee shall respond in writing to the appellant specifically addressing each allegation of fact in the complaint to the extent of the respondent’s knowledge.

6.4.2 Resolution of actions taken by the Committee. Within 30 days after the receipt of the complaint, the Chair or designee of the Chair shall respond in writing to the appellant specifically addressing each allegation of fact in the complaint to the extent of the respondent’s knowledge.

6.4.3 Resolution by CSC. Appellant concerns that are not resolved by 6.4.1 or 6.4.2 shall be permitted to appeal to the CSC within 15 days of being notified in accordance with 6.4.1 or 6.4.2.
a. CSC shall be permitted to handle appeals by letter ballot, conference call, or an in-person meeting; however, the appellant shall be permitted to request an in-person meeting for appeals related to voting procedures. The appellant shall be entitled to attend all meetings or conference calls related to their appeal.

b. If the appeal is considered at an in-person meeting at the request of an appellant, the appellant, CSC, and others concerned shall be notified of the meeting at least 15 working days in advance of the date set. Voting rules of CSC shall apply.

c. CSC shall render its decision to all concerned in writing within 30 days, stating findings of fact and conclusions, with reasons therefore, based on a preponderance of the evidence presented to the hearing group. CSC shall consider the following:
   i. Finding for the appellant-remanding the action to the Committee with a specific statement of the issues and facts in regard to which fair and equitable action was not taken;
   ii. Finding for the respondent-providing a specific statement of the facts that demonstrate fair and equitable treatment of the appellant and the appellant’s objections; and
   iii. Finding that new substantive evidence has been introduced-remanding the entire action to the Committee for appropriate reconsideration.

7. FORMAL INTERPRETATIONS OF STANDARDS

7.1 General

Requests for formal interpretations shall be submitted in writing to ASCE Codes and Standards staff and staff shall forward the request to the appropriate Chair.

7.1.1 Limitations of formal interpretations. Any written or oral statement that is not processed in accordance with this section shall not be considered the official position of ASCE or any of its Committees and shall not be considered to be, nor be relied upon as, a formal interpretation.

7.1.2 Nature of formal interpretations. Requests for formal interpretations shall be clearly worded so that they can be answered by “yes” or “no.” The Committee is not restricted to providing an answer of either “yes” or “no.”

7.1.3 Editions to be interpreted. Formal interpretations shall be rendered only on the text of the current or immediate prior edition of the document.

7.1.4 Reasons for not processing formal interpretations. A request for a formal interpretation shall not be processed if the Chair determines it involves any of the following:
   a. A determination of compliance of a design, installation, or product or equivalency of protection;
   b. A review of plans or specifications, or requires judgment or knowledge that can only be acquired as a result of on-site inspection;
   c. Existing text in the standard or commentary clearly and decisively provides the requested information;
   d. Subjects that were not previously considered by the Committee or that are not addressed in the document;
   e. Providing advice, guidance, or an explanation of a provision or the intent of the committee; or
   f. Substantive changes that can be addressed only through a proposed change to the standard in accordance with 5.2.

7.1.5 Personal opinions. Personal opinions may be offered by ASCE Codes and Standards staff and committee members. Personal opinions are not formal interpretations, do not represent the position of the standards committee or the Society, and should not be relied upon as such. Copies of written personal opinions should be provided to the Chair of the appropriate Committee.

7.2 Requests

A request for a formal interpretation shall:
   a. Be made in writing to CSC;
   b. Address a specific provision of the standard;
   c. Include a statement referencing a single problem and identifying the portion (e.g., article, section, paragraph) and edition of the document on which a formal interpretation is requested; and
d. Indicate the business interest of the requester. A request involving an actual field situation shall so state, and parties involved shall be named and notified.

7.3 Editing

A request for a formal interpretation shall be permitted to be rephrased by the Chair for brevity and clarity. The rephrased version shall be sent to the requester and all parties named in the request for agreement.

7.4 Preparation of Response

If accepted for consideration, a tentative interpretation shall be drafted by the Chair and submitted to a ballot of the Committee. The tentative interpretation shall also be submitted to the requester along with a statement that a tentative interpretation does not represent the position of the Committee or the Society and should not be relied upon as such.

7.5 Voting

7.5.1 Interpretation approval. Committee approval of a tentative interpretation shall be by letter ballot in accordance with 5.4.

7.5.2 Ballot comments. Ballot comments shall be transmitted to each member, who shall be permitted to change his or her ballot within 15 days following the distribution of ballot results.

7.5.3 Failure to obtain Committee approval. If the Committee does not approve the tentative interpretation, the chair shall decide if further action is warranted. If no further action is taken, the requester shall be notified and shall be informed that they are permitted to submit a proposed change to the standard under 5.2.

7.5.4 Ballot results. The requestor for an interpretation shall receive written notification of the results of the balloting.

7.6 Issuance

A formal interpretation shall become effective after approval by the Committee in accordance with 7.5 and notification in accordance with 2.7. The formal interpretation may be appealed on procedural issues in accordance with 6. No interpretation is binding on the Society unless it is established in accordance with these procedures.

7.7 Notification

Notification in accordance with 2.7 shall be made after formal interpretations are processed in accordance with 7.5 and issued.
Civil Engineering Certification, Inc. (CEC) was created in 2004 by the ASCE Board of Direction to provide a mechanism for the post-licensure certification of the various specialties within civil engineering. CEC will partner, where appropriate, with other professional organizations to implement specialty certification. Specialty certification complements the goals of the ASCE through:

• Developing Leadership—through the promotion of specialty certification as a vehicle for post licensure professional development.
• Advancing Technology—through the development of specialized bodies of knowledge for utilization during the certification process.
• Advocating Lifelong Learning—through the requirement of ongoing professional development in the certification process after achieving licensure and professional experience.
• Promoting the Profession—through the provision of specialty certification as a broadly recognized, specialized credential in the practice of civil engineering.

Certifications within the engineering and scientific community have demonstrated substantial benefits to individual participants, clients, and the public. These benefits include:

• Certification is an advanced qualification beyond licensure recognized by clients, employers, peers, and the public.
• Certification provides tangible evidence that an individual has excelled in their specialty field.
• Certification demonstrates attainment of a body of knowledge within a specialty area of civil engineering and commitment to stay current on new technological innovations.
• Certification demonstrates a strong commitment to professionalism through its ethics and continuing professional development requirements.
• Certification allows civil engineers to maintain significant input into the advanced credentialing process.
• Certification provides clients with an assurance that they are engaging highly qualified participants on their projects.
• Certification supports the concept of Qualifications Based Selection (QBS).

Individual certification programs are developed by Academies within CEC with the participation of the appropriate ASCE Institute or technical unit.

CEC led the efforts in creating its first Academy, the American Academy of Water Resources Engineers (AAWRE) and the Diplomate, Water Resources Engineer (D.WRE) certification in October 2004. The CEC began its second academy, the Academy of Geo-Professionals (AGP) and the Diplomate, Geotechnical Engineering (D.GE) certification in October 2008. The third CEC academy, the Academy of Coastal Ocean Port & Navigation Engineers (ACOPNE) began in October 2009 and has four Diplomate certifications: Diplomate, Coastal Engineer (D.CE), Diplomate, Ocean Engineer (D.OE), Diplomate, Port Engineer (D.PE), and Diplomate, Navigation Engineer (D.NE).

The CEC is led by the CEC Board of Directors. The 2014 CEC Board of Directors is:

Rao Y. Surampalli, Ph.D., P.E., BCEE, D.WRE, Dist.M.ASCE, President
Michael A. Ports, P.E., BCEE, D.WRE, D.NE, F.ASCE, Immediate Past-President
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John J. Segna, P.E., BCEE, M.ASCE, Secretary/Treasurer

For additional information on CEC and its academies, contact John Segna at (703) 295-6166 or by email at: jsegna@asce.org.
American Academy of Water Resources Engineers

The American Academy of Water Resources Engineers (AAWRE) was founded in October 2004 under the leadership and guidance of members from ASCE’s Environmental and Water Resources Institute (EWRI), and was the first Academy created within Civil Engineering Certification, Inc. (CEC). AAWRE started the Diplomate, Water Resources Engineer (D.WRE) certification to adhere to ASCE’s Policy 465 and to “raise the bar” in civil engineering.

The Academy’s mission is to improve the practice, elevate the standards, and advance the profession of water resources engineering by:

a. Identifying and certifying engineers with specialized knowledge in water resources engineering for the benefit of the public.

b. Recognizing the ethical practice of water resources engineering at the expert level.

c. Enhancing the practice of water resources engineering.

d. Supporting and promoting positions on water resources issues important to the public health, safety, and welfare.

e. Encouraging life-long learning and continued professional development.

Water resources engineering is the professional discipline for the stewardship and sustainable use of the world’s water and related resources that develops and applies scientific and engineering principles to plan, design, construct, manage, operate, and maintain infrastructure and programs.

Every engineer to whom the Academy grants a valid Certificate of Special Knowledge in any specialty field of water resources engineering shall be designated a “Diplomate, Water Resources Engineer (D.WRE)” and a Diplomate of the Academy. Every person to whom the Academy grants a valid Honorary Certificate of Special Knowledge in water resources engineering shall be designated an “Honorary Diplomate, Water Resources Engineer (Hon.D.WRE)” and a Honorary Diplomate of the Academy.

AAWRE has granted the Honorary Diplomate certification to thirty-two (32) individuals and has granted the Diplomate certification to over six-hundred individuals.

All Diplomates shall hold and enjoy equal rights and privileges, except as may be otherwise set forth by the Bylaws.

AAWRE is led by a Board of Trustees and the 2014 AAWRE Board of Trustees are:

Paul F. Boulos, Ph.D., Dist.D.NE, Hon.D.WRE, F.ASCE - President
Jerry Webb, P.E., D.WRE, M.ASCE - President-Elect
Robert G. Traver, Ph.D., P.E., D.WRE, M.ASCE - Past-President
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Joe D. Manouss, Jr., Ph.D., P.E., D.WRE, F.ASCE
Karen C. Kabes, P.E., D.WRE, M.ASCE - Ex-Officio (non-voting)
Ann Bowles - Public Member
Frank Kim, Aff.M.ASCE - Secretary (non-voting)

Applicants for certification as a Diplomate, Water Resources Engineer (D.WRE) shall demonstrate that they meet the prescribed Body of Knowledge for Water Resources Engineering by demonstrating:

• High ethical standing in the profession.

• Active engagement in the professional practice of water resources engineering.

• A valid license to practice professional engineering in the U.S. or equivalent license issued by a foreign country.

• An approved undergraduate degree in engineering and either 1) a master of science or master of engineering degree in water resources, civil, agricultural, environmental, or 2) a doctoral degree in water resources, civil, agricultural, environmental engineering, or 3) have earned a minimum of thirty graduate level semester hours related to water resources engineering from a college with
engineering program(s) or their equivalent.** (If degree(s) are outside of engineering, the applicant must get approval from the Academy’s admissions committee.)

- Ten years minimum of professional experience in water resources engineering work in which six years must be accumulated after obtaining the P.E. licensure or equivalent. The experience shall include active participation in responsible planning, design, analysis, operation, management, regulation, research, or teaching. In the case of teaching, the work experience shall be at an educational institution of recognized standing, or its equivalent.
- Agreement in writing to adhere to the AAWRE Code of Ethics.
- Submission of a complete application, together with all fees and supporting documentation as required, including written recommendations endorsing the applicant from three peers who possess a valid license to practice professional engineering issued in the U.S. or equivalent license issued by a foreign country.
- Passage of a panel oral examination in a manner satisfactory to the Board of Trustees. The oral examination shall consist of two phases:
  - An oral presentation demonstrating that the applicant has mastered the requisite water resources engineering body of knowledge (WRE BOK) at the expert level, and
  - An oral defense of the presentation in the form of questions and answers.

The Admissions Committee may waive the panel oral examination, if the candidate has demonstrated extensive and superior qualifications and background.

These requirements are current as of November 2013. They are subject to change upon formal approval by the AAWRE Board of Trustees and the Civil Engineering Certification, Inc. (CEC) Board of Directors.

The American Academy of Water Resources Engineers’ mission is to improve the practice, elevate the standards, and advance the profession of water resources engineering by certifying engineers with specialized knowledge in water resources engineering at the expert level, encouraging continued professional development for engineers, and supporting positions on water resources issues important to the public health.

AAWRE is a non-profit organization formed in 2004 by members of the ASCE’s Environmental and Water Resources Institute (EWRI) and is the first Academy created under the Civil Engineering Certification, Inc. (CEC) and the American Society of Civil Engineers (ASCE).

For additional information on the Academy, please visit the AAWRE web site at: www.aawre.org.

The Academy of Geo-Professionals (AGP)

The Academy of Geo-Professionals (AGP) was founded in October 2008 by practicing geo-engineers who are members of the American Society of Civil Engineers’ Geo-Institute (G-I). The Academy offers the Diplomate, Geotechnical Engineer (D.GE), the first voluntary, post-license credential to provide professional engineers an opportunity to gain further recognition in the field of geotechnical engineering.

Geotechnical Engineering

Geotechnical engineering is the branch of civil engineering concerned with the engineering behavior of the materials and processes forming the earth’s crust, in the context of the built environment.

Objectives and Missions of the Academy of Geo-Professionals

- Identifying and certifying individuals with specialized knowledge in the Geotechnical engineering for the benefit of the public.
Recognizing the ethical practice of the Geotechnical engineering.

Enhancing the technical practice of the Geotechnical engineering.

Supporting and promoting positions on Geotechnical engineering issues important to the public health, safety, and welfare.

Encouraging life-long learning and continued professional development.

AGP’s goal is dedicated to improving the practice, elevating the standards, and advancing the profession of geo-professional engineering. The Academy will meet these goals and objectives with the oversight of our Diplomate, Geotechnical Engineer (D.GE) specialty certification program for geo-technical professional engineers.

AGP Board of Trustees

The 2014 Academy Board of Trustees is:

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For more information, please contact AGP by phone at 703-295-6314 or email us at: info@geoprofessionals.org

Academy of Coastal Ocean Port & Navigation Engineers

The Academy of Coastal Ocean Port & Navigation Engineers (ACOPNE) was founded in October 2009 under the leadership and guidance of members from ASCE’s Coasts Oceans Ports & Rivers Institute (COPRI), and was the third Academy created within Civil Engineering Certification, Inc. (CEC). ACOPNE has four Diplomate certifications: Diplomate, Coastal Engineer (D.CE), Diplomate, Ocean Engineer (D.OE), Diplomate, Port Engineer (D.PE), and Diplomate, Navigation Engineer (D.NE). ACOPNE, like the other two academies under CEC, adheres to ASCE’s Policy 465 to ‘raise the bar’ in civil engineering.

The COPNE-Profession comprises the individuals and professional organizations that are engaged in the sustainable development and protection of coastal, oceans, port, and navigation environments for the benefit of society. The Academy has in part been created to complement the Coasts, Oceans, Ports, and Rivers Institute (COPRI) and provides recognition to those individuals who have excelled in one or more of the disciplines embraced by COPRI. In this regard, the Academy has defined the following specialty fields of expertise consistent with the disciplines contained in COPRI.

Coastal Engineering. Coastal engineering involves the practice of civil engineering, as well as the sciences of oceanography, meteorology and coastal geology concerned with the interactions between water and land, including shorelines, bays, lakes, estuaries, inlets, river mouths, and harbors, and the structures within these environments.

Ocean Engineering. Ocean engineering involves the practice of civil engineering and the sciences of oceanography and meteorology concerned with the design, analysis, operation, and planning of systems that operate in the oceanic environment.

Port Engineering. Port engineering involves the practice of civil engineering, environmental engineering, and the science of advanced hydrodynamics concerned with the planning, design, construction, maintenance, operation, pollution control, and technical functioning of ports and harbors.

Navigation Engineering. Navigation engineering involves the life-cycle planning, design, construction, operation, and maintenance of safe, secure, reliable, efficient, and environmentally sustainable navigable waterways, channels, structures, and support systems used to move people and goods by waterborne vessels.
The objectives of the Academy shall be to improve the practice, elevate the standards, and advance the COPNE-Profession for the benefit of the public by:

- Identifying and granting board certification to individuals with specialized knowledge.
- Recognizing the ethical practice.
- Enhancing the technical practice.
- Supporting and promoting positions on professional issues important to the public health, safety, and welfare.
- Encouraging life-long learning and continued professional development.

All Diplomates shall hold and enjoy equal rights and privileges, except as may be otherwise set forth within the ACOPNE bylaws.

ACOPNE is led by a Board of Trustees consisting of nine (9) voting and two (2) non-voting members. The 2014 ACOPNE Board of Trustees is:

Stephen Balint, P.E., D.OE, M.ASCE, President-Elect
Richard E. Czlapinski, P.E., D.CE, M.ASCE, Past-President
Michael A. Ports, P.E., D.WRE, D.NE, F.ASCE, Treasurer
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Jane McKee Smith, Ph.D., P.E., D.CE, M.ASCE, COPRI President (non-voting)
Douglas A. Thiessen, P.E., D.PE, M.ASCE
Brian Sien, Aff.M.ASCE - Secretary (non-voting)

Applicants for certification as a Diplomate shall demonstrate that they meet the prescribed Body of Knowledge by demonstrating:

- Be of good moral character and of high ethical standing.
- Be actively engaged in professional practice.
- Possess a baccalaureate degree or higher from an engineering program accredited by ABET, Inc. or equivalent, acceptable to the Board of Trustees. The applicant shall have successfully completed at least 30 semester credits, or equivalent, of acceptable graduate-level, or upper-level undergraduate courses, beyond the baccalaureate degree, acceptable to the Board of Trustees.
- Possess a valid license to practice professional engineering recognized by a State, District, or Territory of the United States or certificate of registration/charter from a foreign country acceptable to the Board of Trustees.
- Possess a minimum of twelve years of qualifying professional experience. Further, such work shall include active participation in responsible planning, design, analysis, operation, management, regulation, research, or teaching. In the case of teaching, the work experience shall be at a recognized engineering program acceptable to the Board of Trustees.
- Agree in writing to adhere to Academy’s Code of Ethics.
- Be required to defend their application by examination in a manner specified by the Board of Trustees. The requirement for an examination may be waived by the Admissions Committee only when the written application clearly demonstrates that the applicant meets all of the requirements specified in this Section, and has mastered the requisite body of knowledge at the expert level in a manner and form acceptable to the Board of Trustees.

These requirements are current as of October 2009. They are subject to change upon formal approval by the ACOPNE Board of Trustees and the Civil Engineering Certification, Inc. (CEC) Board of Directors. For additional information on the Academy, please visit the ACOPNE web site at: www.acopne.org.
Building Security Certification Program

Purpose: The Building Security Certification Program (BSCP) has set out to design, administer, and maintain a personnel certification program that enables the individuals who become certified to assist building owners to evaluate and improve the security of their facilities.

The Building Security Certification Program (BSCP) is the certification portion of the former Building Security Council, Inc. (BSC) and grew from the efforts of the ASCE Architectural Engineering Institute members in November 2005. BSCP is now a committee under Civil Engineering Certification, Inc. (CEC). BSCP provides a security certified professional credential for individuals.

Mission & Goals

The Building Security Certification Program (BSCP) has set out to design, administer, and maintain a personnel certification program that enables the individuals who become certified to assist building owners to evaluate and improve the security of their facilities.

Goals of the Building Security Certification Program include:

- Increase awareness and acceptance of design and operation criteria for building security
- Encourage innovation in building security
- Advocate security education by promoting certification of individuals
- Sustain the building security council through sound business practices

Building security professionals can voluntarily apply for certification as a BSCP (Building Security Certified Professional). BSCP certification designates licensed design professionals (architects, landscape architects, and engineers), Physical Security Professionals (PSP), and Certified Protection Professionals (CPP) who demonstrate, by means of a detailed application and written examination, knowledge and understanding of the multidisciplinary security considerations that are relevant to the integrated planning, design, construction, operation, and evaluation of building. BSCP certification requires adherence to a Code of Ethics modeled after that of the professional societies, including the performance of services only in areas of the professional’s competence.

Qualifications

In order to qualify to take the BSCP an individual must possess an Architect license, Landscape Architect license, Professional Engineer license, or the ASIS International Physical Security Professional (PSP) or Certified Protection Professional (CPP) credentials. A BSCP candidate must also abide by the ASCE Code of Ethics.

In addition to those qualifications a BSCP candidate should:

- Have a broad knowledge and understanding of security considerations and can address them effectively in the integrated planning, design, construction, operation, and risk assessment of buildings.
- Should be familiar with the building classification and field evaluation procedures described in the Building Security Council (BSC) and has the expertise to apply them within the context of a multidisciplinary team.

To achieve certification, candidates must pass a 100-question multiple-choice examination. For more information about earning your BSCP, please visit the website to download the candidate handbook.

ASCE Staff:
John J. Segna, P.E., BCEE, QEP, M.ASCE
Brian Sien, Aff.M.ASCE

Please visit the website or contact BSCP Staff for additional information:
Phone: 703-295-6314 Fax: 703-295-6415
Web: www.bscp.asce.org
AMERICAN SOCIETY OF CIVIL ENGINEERS FOUNDATION (ASCE FOUNDATION)

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Vision
The ASCE Foundation provides philanthropic support for programs that enhance quality of life, promote civil engineering, advance technical practices, and prepare civil engineers for tomorrow.

Mission
The ASCE Foundation seeks to help build a stronger profession to meet tomorrow’s national and global challenges - creating even more vibrant, connected communities. The Foundation raises philanthropic support for vital ASCE programs and initiatives that advance our shared vision for the future of civil engineering. The Foundation’s leadership—in partnership with ASCE leaders—has carefully developed a plan to ensure the continued sustainability and growth of civil engineering and its impact on communities throughout the world.

As described in ASCE’s Vision 2025, civil engineers are master planners, designers, and constructors of the built environment; stewards of the natural environment and its resources; innovators of ideas and technologies; managers of risk; leaders in discussions and decisions shaping public policy. With that in mind, our supporters’ generosity helps ASCE and the ASCE Foundation implement new and current programs in three overarching areas that advance this definition of civil engineers:

1. Education for Today & Tomorrow—lifelong learnings from K-12 outreach programs to continuing education for practicing engineers.
2. Policy & Participation—positioning civil engineers to become effective leaders within our communities and become credible, trusted, and effective advocates and educators.

3. Advancing the Practice—encouraging innovative solutions that promote sustainable practices, advancing engineering education, and sharing knowledge world-wide.

History

Founded in 1994 as a not-for-profit 501(c)(3) organization, the ASCE Foundation has raised more than $23 million for critical ASCE programs during the last twenty years. The Foundation was initially established to find and fund a new headquarters for ASCE.

Today, it continues to own and operate the ASCE World Headquarters, which opened in 1997 after a successful capital campaign. The modern, 107,000 square foot office building close to Dulles International Airport in the Washington, DC, metropolitan area, was just awarded LEED-EB Gold certification in August 2013 after three years of a joint effort between the Foundation and ASCE to increase sustainable practices.

In addition to owning and operating ASCE World Headquarters, the Foundation has also provided philanthropic support to a variety of key projects impacting the profession including: ASCE’s 150th Anniversary: Building the Future Campaign, National Engineers Week, the National Infrastructure Vision Summit, Envision Sustainability Infrastructure Rating System, the 2013 Report Card on America’s Infrastructure, and numerous student competitions that grow future civil engineers.

Celebrating its 20th Birthday in 2014, the Foundation is dedicated to serving today’s civil engineers, and is passionate about inspiring the next generation. The Foundation’s birthday wish is to “pay it forward” to the students and young professionals who will become the civil engineering leaders of tomorrow - and create even more vibrant, connected communities.

Bylaws of American Society of Civil Engineers Foundation, Inc.

A Not-for-profit Corporation Approved November 2008
Amended October 2011
Amended October 2012

ARTICLE 1. GENERAL

1.1 Name. The name of the organization is the American Society of Civil Engineers Foundation, Inc. (the “Foundation”).

1.2 Incorporation. The Foundation is a not-for-profit corporation without members, incorporated in the District of Columbia. The principal office of the Foundation is as determined by the Foundation Board of Directors.

1.3 Affiliation. The Foundation is an affiliated entity of the American Society of Civil Engineers (the “Society”).

1.4 Purposes. The purposes of the Foundation are as stated in the Articles of Incorporation.

ARTICLE 5. MANAGEMENT

5.1 Foundation Board of Directors. The Foundation shall be managed by its Board of Directors (the “Foundation Board”).

5.2 Composition. The Foundation Board shall consist of up to seven (7) Directors. Four (4) Directors, who serve by virtue of their positions in the American Society of Civil Engineers (the “Society”) shall be the President, President-elect, immediate Past President and Executive Director. The remaining Directors shall be appointed by the Foundation Board before the end of the fiscal year. At least one (1) appointed Director shall be a Society President Emeritus. All Directors shall have the same rights and responsibilities, including the right to vote on matters brought before the Foundation Board.

5.3 Board of Director Duties. The Foundation Board shall have fiduciary, legal, strategic and fund-raising responsibilities, determine desired outcomes, supervise, direct, and control the policies
and programs of the Foundation, collect and disburse funds, adopt administrative procedures for
the operation of the Foundation, and exercise all such powers of the Foundation and do all such
lawful acts and things as are not prohibited by statute, the Articles of Incorporation, or these
Bylaws.

5.4 Executive Vice President. The Foundation is managed by an Executive Vice President who shall
be a non-voting attendee of the Foundation Board. The Executive Vice President shall be
employed by the Society and is subject to Society employment rules. The Executive Vice Presi-
dent shall be reviewed annually by the Society’s Executive Director, or his or her designee, after
input from the President of the Foundation Board. The Executive Vice President can be removed,
with or without cause, by the Executive Director of the Society after consultation with the Foun-
dation Board. The Executive Vice President has general responsibility for maintaining efficient
business development practices of the Foundation.

5.5 Terms. Appointed Directors shall serve three (3) year staggered terms starting at the beginning of
the fiscal year and continuing until a successor is appointed. With the exception of the Society
Executive Director, no Director shall serve on the Foundation Board more than a total of nine (9)
years.

5.6 Vacancies. A vacancy in the position of Appointed Director shall be filled for the unexpired por-
tion of the term by appointment of the Foundation Board.

5.7 Resignation or Removal. An Appointed Director may resign at any time by giving written notice
of such resignation to the Secretary but shall continue to serve until a successor takes office. An
Appointed Director may be removed, with or without cause, by a two-thirds (2/3) vote of the Foun-
dation Board.

5.8 Quorum. The presence of a majority of Directors shall constitute a quorum. A majority of votes
carries any action except where provided otherwise by law or by these Bylaws.

5.9 Action without a Meeting. Any action required or permitted to be taken at a meeting by the Foun-
dation Board may be taken without a meeting if all members of the Foundation Board consent in
writing to such action.

5.10 Monetary Commitment. Each member of the Foundation Board is expected to make an annual
monetary contribution to the Foundation during their term of office.

5.11 Directors Emeriti. The Foundation Board may designate Directors Emeriti in recognition of their
exemplary service and outstanding contributions to the Foundation. Directors Emeriti shall serve
in an advisory role to the Foundation Board but shall not be entitled to vote. Directors Emeriti may
assist the Foundation with activities and programs, including raising funds, accepting assignments
from the Foundation Board and managing programs pursuant to instructions from the Foundation
Board. Directors Emeriti are expected to make an annual monetary contribution to the Foundation.

5.12 Council of Trustees. The Council of Trustees (“the Council”) shall consist of a minimum of five
(5) members appointed by the Foundation Board, one (1) of whom shall be a current Foundation
Board member who shall serve as its Chair. Except for the Chair of the Council, Trustees shall not
be entitled to vote on matters brought before the Foundation Board. The Council shall serve as
philanthropic advisors to the Foundation Board with the primary responsibility of planning, devel-
opping and implementing the cultivation, solicitation and stewardship of Foundation supporters. As
the Foundation’s primary fundraising entity, the Council shall ensure that appropriate develop-
ment policies are in place, the fundraising role of individual Board members is defined, and that
all development activities are coordinated through the Foundation staff. The Council also may
assist the Foundation with other activities and programs, as well as accepting assignments from
the Foundation Board and managing programs pursuant to instructions from the Foundation
Board. Each Trustee is expected to make an annual monetary contribution to the Foundation.

ARTICLE 6. OFFICERS

6.1 Officers. The elected Officers shall be a President, a Vice President, a Secretary, and a Treasurer
who are elected by and from the Foundation Board members. The Executive Vice President shall
serve as an Ex-Officio Officer by virtue of their position. All Officers shall exercise such powers
and perform such duties as shall be set forth in these Bylaws and as may be determined from time
to time by the Foundation Board. Any number of offices may be held by the same person, pro-
vided, however, in no event shall the President also serve as Secretary or Treasurer.
6.1.1 *President.*

6.1.1.1 *Qualifications.* The President shall be a member of the Foundation Board with at least two (2) years remaining of the maximum nine (9) years of service allowed on the Foundation Board.

6.1.1.2 *Term.* The President shall serve a two (2) year term and may be elected to serve one (1) additional term, provided the terms do not exceed the maximum nine (9) years of service allowed on the Foundation Board.

6.1.1.3 *Vacancy.* Vacancies in the office of President shall be filled for the unexpired portion of the term by the Vice President.

6.1.1.4 *Compensation.* The President does not receive compensation for services but may be reimbursed for expenses.

6.1.1.5 *Duties.* The President, by virtue of office, shall Chair the Foundation Board and preside at all meetings of the Foundation Board. The President shall be an Ex-Officio member of all Foundation committees.

6.1.2 *Vice President.*

6.1.2.1 *Qualifications.* The Vice President shall be a member of the Foundation Board with at least two (2) years remaining of the maximum nine (9) years of service allowed on the Foundation Board.

6.1.2.2 *Term.* The Vice President shall serve a two (2) year term and may be elected to serve one (1) additional term, provided the terms do not exceed the maximum nine (9) years of service allowed on the Foundation Board.

6.1.2.3 *Vacancy.* Vacancies in the office of Vice President shall be filled for the unexpired portion of the term by a qualified member of the Foundation Board as determined and appointed by the Foundation President.

6.1.2.3.1 *Vacancy Exception.* If a vacancy occurs concurrently in the offices of President and Vice President, then the Secretary or Treasurer who has served on the Foundation Board for the longest period of time shall assume the President’s duties and the other individual shall assume the Vice President’s duties. An election shall be conducted by the Foundation Board within sixty (60) days to elect a President and Vice President to fill the unexpired terms.

6.1.2.4 *Compensation.* The Vice President does not receive compensation for services but may be reimbursed for expenses.

6.1.2.5 *Duties.* The Vice President acts in place of the President when the President is unavailable. The Vice President shall also perform those duties that are assigned by the Foundation Board.

6.1.3 *Secretary.*

6.1.3.1 *Qualifications.* The Secretary shall be a member of the Foundation Board with at least two (2) years remaining of the maximum nine (9) years of service allowed on the Foundation Board.

6.1.3.2 *Term.* The Secretary shall serve a two (2) year term and may be elected to serve one (1) additional term, provided the terms do not exceed the maximum nine (9) years of service allowed on the Foundation Board.

6.1.3.3 *Vacancy.* Vacancies in the office of Secretary shall be filled for the unexpired portion of the term by a qualified member of the Foundation Board as determined and appointed by the Foundation President.

6.1.3.4 *Compensation.* The Secretary does not receive compensation for services but may be reimbursed for expenses.

6.1.3.5 *Duties.* The Secretary maintains the corporate records and shall act as Secretary at all meetings of the Foundation Board, and is responsible for corporate notices, agendas and minutes. The Secretary shall also perform those duties that are assigned by the Foundation Board.
6.1.3.6 Assistant Secretary. The Foundation Executive Vice President shall serve as Assistant Secretary. The Assistant Secretary shall, in the absence of the Secretary, perform the duties and exercise the powers of the Secretary, but shall not vote on actions coming before the Board.

6.1.4 Treasurer.

6.1.4.1 Qualifications. The Treasurer shall be a member of the Foundation Board with at least two (2) years remaining of the maximum nine (9) years of service allowed on the Foundation Board.

6.1.4.2 Term. The Treasurer shall serve a two (2) year term and may be elected to serve one (1) additional term, provided the terms do not exceed the maximum nine (9) years of service allowed on the Foundation Board.

6.1.4.3 Vacancy. Vacancies in the office of Treasurer shall be filled for the unexpired portion of the term by a qualified member of the Foundation Board as determined and appointed by the Foundation President.

6.1.4.4 Compensation. The Treasurer does not receive compensation for services but may be reimbursed for expenses.

6.1.4.5 Duties. The Treasurer serves as the financial officer of the Foundation, responsible for oversight of its revenues and expenditures and reporting on the financial affairs of the Foundation to the Foundation Board. The Treasurer shall also perform those duties that are assigned by the Foundation Board.

6.1.4.6 Assistant Treasurer. The Society Chief Financial Officer shall serve as Assistant Treasurer and shall, in the absence of the Treasurer, perform the duties and exercise the powers of the Treasurer, but shall not vote on actions coming before the Board.

ARTICLE 8. MEETINGS

8.1 Meetings. Meetings of the Foundation Board shall be called by the President at the time and place of their choosing. Advance notice of the meeting and the business to be conducted shall be provided to the Foundation Board.

ARTICLE 9. COMMITTEES

9.1 Committees. The Foundation Board has the authority and responsibility to create and disband committees as necessary, establish duties, and approve committee appointments as recommended by the President. Committee members shall serve for one (1) year unless stated otherwise within these bylaws or terminated by action of the Foundation Board.

9.2 Nominating Committee.

Organization. The Nominating Committee shall consist of the President and two (2) Directors. The Foundation Executive Vice President shall serve as the Secretary but shall not vote. The two (2) Directors on the committee shall serve two (2) year terms. After serving two (2) full consecutive terms, a Director shall be ineligible to serve on the Nominating Committee.

Responsibility. The Nominating Committee shall recommend to the Foundation Board the candidates for open positions of President, Vice President, Secretary and Treasurer, and Appointed Directors.

ARTICLE 10. ADMINISTRATIVE PROVISIONS

10.1 Auditors. Auditors may be appointed or terminated by the Foundation Board.

10.2 Indemnification. Directors, Officers, and other authorized agents of the Foundation are indemnified by the Foundation against claims for liability arising in connection with their positions in the Foundation or activities on behalf of the Foundation to the full extent permitted by law.

10.3 Fiscal Year. The fiscal year of the Foundation is the year ending September 30.

10.4 Conflict of Interest. A Conflict of Interest shall be defined as any activity, transaction, relationship, service, or consideration that is, or appears to be, contrary to the best interest of the Foundation, or in which the interests of an individual or another organization has the potential to be placed above those of the Foundation. Any interested Officer, Director, or other individual must
disclose in writing the existence of any actual or possible Conflict of Interest and all material facts to the Foundation Board. A signed Conflict of Interest statement shall be required from all members of the Foundation Board.

10.5 Limitations. All policies and activities of the Foundation shall be consistent with applicable federal, state and local antitrust, trade, regulation, or other legal requirements. No Foundation policies or activities shall contravene the governing documents of the Society. No Officer, Director, committee, employee, agent, or representative of the Foundation shall have any right, authority, or power to expend money of the Foundation, to incur liability on its behalf, or to make any commitment that shall be deemed to bind or involve the Foundation in any expense or financial liability, unless such expenditure, liability, or commitment has been authorized and budgeted by the Foundation Board.

10.6 Parliamentary Authority. The rules contained in the current edition of Robert’s Rules of Order, Newly Revised, shall govern the Foundation in all cases to which they are applicable and in which they are not inconsistent with the laws of the District of Columbia or with the Foundation’s adopted Bylaws.

ARTICLE 11. AMENDMENTS

11.1 Amendments. These Bylaws may be amended at any meeting of the Foundation Board by a majority vote, provided, however, that no change to these Bylaws becomes effective until approved by the Society Board of Direction.

Contact Information
To learn more about the ASCE Foundation, or to make a gift, visit:

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www.asce.org/foundation – Website
EIN: 52-1891243
Established in 2009, the ASCE Industry Leaders Council (ILC) engages senior leaders from industry, academia, government, and non-governmental organizations to identify tactical and strategic actions for ASCE and the civil engineering profession. All ILC members must have an active role in the civil engineering industry or profession at the senior executive level. Either the CEO or academic/government agency equivalent or person reporting directly to the CEO is preferred. Membership on the ILC is maintained by active engagement in ILC conference calls, surveys, and requests for comments and formal attendance of ILC meetings and events.

The key responsibilities of the ILC include identifying emerging industry trends impacting the civil engineering profession; identifying innovative approaches and solutions to infrastructure challenges; encouraging creative multi-disciplinary ideas within the civil engineering community and with strategic partners; and partnering with ASCE to drive change in the industry and the profession. Beyond this advisory role the ASCE ILC strives to extend its influence across the national and/or global civil engineering platform.

Participation in the Council provides opportunities for networking and collaboration with industry leaders in a multi-disciplinary setting to develop solutions to key challenges facing the profession such as workforce development, sustainability, project delivery improvement, risk management, public-private partnerships, and infrastructure resilience. Membership is by invitation only.

For additional information about the ILC please contact Carol Vargas, CAE, Aff. M.ASCE, Director, Industry Relations at (703) 295-6046, or cvargas@asce.org.

**ILC Members for 2012–2014**

**Leadership**

Anthony S. Bartolomeo, P.E., F.ASCE, ILC, Chair
Michael K. Loose, P.E., F.ASCE, ILC, Vice Chair, Senior Vice President, Infrastructure & Environment Division Manager, Parsons

Patrick J. Natale, P.E., F.ASCE, CAE, Senior Staff Advisor for ILC, Executive Director, ASCE

**Members-at-Large**

Gerald E. Buckwalter, A.M.ASCE
Director, Strategy, Northrop Grumman Corporation

J. Richard Capka, P.E., M.ASCE
Chief Operating Officer, Dawson & Associates

Raymond P. Daddario, P.E., M.ASCE
President & CEO, Weidlinger Associates, Inc.

Nicholas M. DeNichilo, P.E., M.ASCE
President & CEO, Hatch Mott MacDonald

Mortimer L. Downey, III
Senior Advisor, Parsons Brinckerhoff, Inc.

Henry L. Green, Hon. AIA
President, National Institute of Building Sciences

Scott N. Heefner, P.E., M.ASCE
Vice President, Financial and Business Analysis, TASC

Ira Allan Levy, P.E., M.ASCE
Executive Vice President, U.S. Northeast, AECOM

Eugene A. Lupia, P.E., F.ASCE, HAIA
President, Government, Facilities and Infrastructure, CH2M HILL

Michael T. McCullough,
Vice President, Environmental Design and Engineering, Walt Disney Imagineering

Terry F. Neimeyer, P.E., M.ASCE
CEO & Chairman of the Board, KCI Technologies, Inc.

MG John W. Peabody, P.E., Deputy Commanding General for Civil and Emergency Operations, USACE

Robert Prieto, A.M.ASCE
Senior Vice President, Fluor Corporation

Robert M. Scaer, P.E., M.ASCE
President, COO and CIO, Gannett Fleming, Inc.

Laura J. Steinberg, A.M.ASCE
Dean, LCS College of Engineering & Computer Science, Syracuse University

Christopher M. Stone, P.E., F.NSPE, F.ASCE, LEED AP BD+C
President, Clark Nexsen

MG (Ret) Merdith W.B. Temple, P.E., F.ASCE

Janice L.Tuchman
Editor-in-Chief, McGraw-Hill Construction

Virginia E. Valentine, P.E., F.ASCE
President, Nevada Resorts Association

Peter J. Zpif, P.E., F.ASCE
Chief Engineer, Port Authority NYNJ
HONORS AND AWARDS

The honors program of the Society has as its basic objective the advancement of the engineering profession by emphasizing exceptional service, either through research, publication or career achievement. The awards are conferred by the Board of Direction, in the name of the Society, on the recommendation of the Society’s Organizational Entities as designated in the rules for each award. The requirements for establishing new awards are contained in Rules of Policy and Procedure 10.2.

A Society Award is defined as an award that not only serves to advance the science and profession of engineering, but also whose recipients are approved by either the Board of Direction or ASCE Executive Committee. In addition, a Society Award is one for which the Society has all supporting funds and the rights of administration.

No award is presented in any year in which the selection committee is unable to identify a nominee that fulfills the award criteria and shows exceptional merit.

Nominations for Society awards are welcome by the deadline announced for each award. For each of the awards in the following pages, please note whether the award is presented for achievement or for a paper.

To nominate for achievement, submit the following:

A cover letter, signed by the nominator
An Official Award Nomination form
The nominee’s CV or biographical information
Two or three letters of recommendation

To nominate for a paper, submit the following:

A cover letter, signed by the nominator
An Official Award Nomination form
One copy of the paper

A copy of the Official Award Nomination form can be downloaded at http://www.asce.org/awards. Electronic submissions are encouraged to awards@asce.org by the announced deadlines. Paper submissions are also accepted, in which case one copy of the complete nomination package should be received by the Honors and Awards Program at the ASCE Headquarters, 1801 Alexander Bell Drive, Reston, VA 20191-4382.

Arid Lands Hydraulic Engineering Award

This award was instituted in 1986 by the endowment of Ibrahim Mahmoud Elassiouti, hydraulic engineer and M.ASCE, who devoted many years of concern and effort to development of the Nile River. It is administered by the Environmental and Water Resources Institute through the Honors and Awards Program.

I. The award is given without regard to Society membership.

II. The award is given on the basis of noteworthy original contribution in hydraulics, hydrology (including climatology), planning, irrigation and drainage, hydroelectric power development, or navigation especially applicable to arid or semi-arid climates. The nominee’s publications may be considered in the selection process.

III. The award is made annually, except that no award is made in a year in which there are no qualified candidates.

IV. The Subcommittee on Arid Lands shall recommend a winner to the EWRI Awards Committee, which shall seek approval from the Governing Board of the Environmental and Water Resources Institute. The Subcommittee on Arid Lands is composed of the three past Arid Lands Award recipients; Chair-Elect of the EWRI Awards Committee, who shall serve as the chair; and one representative from the Watershed Council; one representative from the Hydraulics and Waterways Council; and one representative from the Irrigation and Drainage Council. The Governing Board of the Environmental and Water Resources Institute shall submit their nominations to the Executive Committee of the ASCE Board of Direction of the Society for approval.
V. Nominees not selected in a given year will be held over for consideration through the next cycle. At the end of the second cycle, nominees not chosen will no longer be eligible for consideration, except that nominators who wish for their candidate to be considered for another two cycle period must produce a new nomination package.

VI. The award consists of a plaque suitably inscribed and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

To nominate for this award, follow the outline on Honors and Awards, Arid Lands Hydraulic Engineering Award. Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:

2008  ALLEN T. HJELMFELT, JR., Ph.D., P.E., F.ASCE
2009  RAO S. GOVINDARAJU, Ph.D., M.ASCE
2010  DONALD K. FREVERT, Ph.D., P.E., D.WRE, F.ASCE
2011  UPMANU LALL, Ph.D., M.ASCE
2013  TIMOTHY J. WARD, Ph.D., P.E., F.ASCE

ASCE Excellence in Journalism Award

In 1994, ASCE established the Excellence in Journalism Award to honor newspaper journalists for outstanding articles that enhance public understanding of the role and impact of civil engineering in designing solutions for clean water, transportation, the environment and other public works projects. In 2006, the award was expanded to include journalists and producers from English-language, general-interest regional and national newspapers, radio and television stations, magazines, and electronic and Web-based news outlets.

The news media wield tremendous impact on public opinion about civil engineers and civil engineering-related issues. For example, news coverage can influence vital infrastructure legislation, licensing laws and building codes. Coverage also can affect talented young people’s decisions to pursue careers in civil engineering. Through this annual national award, ASCE hopes to encourage continued coverage of civil engineering and related issues as a means of engaging the public in the civil engineering initiatives impacting their community.

I. The award may be presented to one or more nominees, Honorable Mention awards may also be presented. The award is presented at ASCE’s Outstanding Projects and Leaders (OPAL) Awards Gala.

II. The award selection committee shall recommend to the Executive Committee of the ASCE Board of Direction for final approval a recipient who is judged superior based on how well they a) fairly cover all sides of the civil engineering project or issue; b) accurately describe the civil engineering project or issue; c) effectively explain how the project or outcome of the issue benefits the community or region; d) clearly show the civil engineer’s role; e) include the most knowledgeable civil engineering experts; and f) advance public knowledge and understanding of the civil engineering profession and its issues.

III. The award includes a trophy and cash honorarium which shall be sufficient to reimburse travel expenses to attend the OPAL Awards Gala in order to receive the award in person. The award is self-supporting. Allowable expenses are funded from an endowment created by contributions.

IV. The award encourages participation by ASCE Sections and Branches in the form of nomination submission and the sponsorship of local awards programs. CCOM or individual members can also submit nominations, and journalists, editors and producers may nominate themselves or their colleagues.

V. Nominations should be submitted to the ASCE Media Relations Department by September 15. A nomination form is required. Contact the ASCE Media Relations Department for a nomination form and detailed guidelines for submission.

VI. The award honors stories from general-interest, English-language, non-trade related, regional and national newspapers, magazines, electronic/Web-based news outlets, and radio and television stations.

VII. The story must appear in the twelve-moth period ending August 1 of the year of award.
VIII. If a story is co-authored or co-produced, at least one of the reporters must be a full-time journalist.

IX. The award selection committee shall be composed of one representative from each of the following standing society committees as designated by their respective committee chair: Committee on Advancing the Profession, Committee on Education, Committee on Technical Advancement, Member Communities Committee, and Public Policy Committee. The award selection committee shall also include one representative from each of the following standing strategic initiative committees as designated by their respective committee chair: Committee for America’s Infrastructure, Committee on Sustainability, and Raise the Bar Committee.

X. The chair of the award selection committee shall be either the designated representative from the Committee for America’s Infrastructure or the designated representative from Raise the Bar Committee, whoever has served on the award selection committee for the longer period; the representative who is not the Chair shall serve as the Vice Chair.

XI. Committee representatives shall serve two-year overlapping terms.

Awards have been made as follows:

2008 VERONICA CASTELO and JENNA HILLER, News 8 Austin; Honorable Mention: TONY BIZJAK and NATHANIEL LEVINE, The Sacramento Bee

2010 HENRY SCHIPPER, documentary producer; Honorable Mention: RON SEELY, Wisconsin State Journal

2011 JOHN MURPHY-TEIXIDOR, producer, CNN Money; Honorable Mention: TONY ILLIA, Boulder City Review

2012 JON SCHMITZ, Pittsburgh-Post Gazette

2013 GORDON DICKSON, Fort Worth Star-Telegram

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**ASCE Presidents’ Award**

The ASCE Presidents’ Award was established in America’s Bicentennial Year in commemoration of the nation’s first President, who was a civil engineer and land surveyor. The award was officially instituted by action of the Board of Direction in April 1976, and funded by voluntary contributions from all of the then living 18 past presidents of the Society. Earle T. Andrews, 1967 President, served as chair of the funding effort.

I. The award is made annually to an ASCE member who has given distinguished service to the member’s country.

II. ASCE Past Presidents are not eligible for this award.

III. The recipient may be of any nationality.

IV. The awardee is nominated by the Presidents-Emeriti Council and approved by the Executive Committee.

V. The recipient shall receive a specially designed bronze plaque bearing a likeness of George Washington, the name of the recipient, and the year of the award. The awardee will also receive a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

VI. The award shall be made at the Annual Meeting of the Society or at such other time or place as might suit the convenience of the Society or the recipient.

Nominations should reach the ASCE Headquarters by September 1.

Awards have been made as follows:

2009 JAMES A. RISPOLI, P.E., F.ASCE
2010 G. WAYNE CLOUGH, Ph.D., P.E., Dist.M.ASCE
2011 KAMEL AYADI, M.ASCE

2012 RADM ROBERT C. WILLIAMS, P.E., F.ASCE
2013 C. MICHAEL WALTON, Ph.D., P.E., Dist.M.ASCE, NAE

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**ASCE President’s Medal**

The ASCE President’s Medal was established by the Executive Committee of the ASCE Board of Direction in April 1986.

I. The award may be presented annually to not more than two individuals per year.

II. The award recognizes the accomplishments and contributions of eminent engineers to the profession, the Society or the public. Membership in the Society is not a requirement for consideration.
The award shall be conferred at the initiative of the President with the concurrence of the Executive Committee, who may consider recommendations from any source.

The award consists of a bronze medal depicting the ASCE emblem, obverse, and appropriate engraving, reverse, identifying the award and the recipient(s).

The award shall be presented at the time of the annual meeting or at other suitable occasions at the option of the President.

Awards have been made as follows:

2009 ANDREW W. HERRMANN, P.E., F.ASCE; POTENCIANO A. LEONCIO, JR., P.E., M.ASCE

2010 CRAIG S. FARKOS, P.E., M.ASCE; ALBERT A. GRANT, P.E., Pres.88.ASCE; and RICHARD N. WRIGHT, Ph.D., P.E., Dist.M.ASCE, NAE


2012 PAUL A. BIZIER, P.E., BCCE, F.ASCE and DAVID G. MONGAN, P.E., PRES.08.ASCE

2013 ROBERT A. VICTOR, P.E., M.ASCE

ASCE State-of-the-Art of Civil Engineering Award

Because the science and art of civil engineering can cope with information expansion only if its most gifted practitioners will review and interpret the state-of-the-art for the benefit of their colleagues, in 1966 the professional associates of John D. Winter, M.ASCE, endowed this prize. It is anticipated that a direct benefit of this award will be the scholarly review, evaluation, and documentation of the scientific and technical information needed by the profession.

I. Annually, each institute and division of the Society shall encourage an individual, individuals, or committees to prepare papers on the status of knowledge in special areas of interest served by the institute and division.

II. Papers published in a print issue of any ASCE publication in the twelve-month period ending with June of the year preceding the year of award are eligible.

III. Membership in the Society is not a requirement for consideration.

IV. Nominations may be submitted by anyone and must be sent directly to the Honors and Awards Program office by October 1. The Honors and Awards Program office will transmit nominations to the appropriate ASCE Organizational Entity for review.

a. Nominations sent to the Honors and Awards Program office by October 1 will be transmitted to the appropriate ASCE Organizational Entity.

b. Each ASCE Organizational Entity may recommend for review up to two candidate papers for consideration by the Paper Review Committee.

c. Only those candidate nominations received by the Honors and Awards Program office from the ASCE Organizational Entity by January 15 will be considered by the Paper Review Committee.

d. The nominated papers are reviewed by the Paper Review Committee which shall recommend the recipient(s) to the Society Awards Committee which shall request approval from the Executive Committee of the Board of Directors. The Paper Review Committee shall be composed of two representatives of the Committee on Technical Advancement (CTA) and one representative of each Institute. Its chair shall be the senior CTA member. Committee members shall serve three-year staggered terms.

V. The lead author of the winning paper shall receive a plaque. All other authors shall receive a certificate.

VI. Papers not selected for the award shall be ineligible for re-nomination.

VII. One award may be presented in any year. Nominations should reach the ASCE Headquarters by October 1.

Awards have been as follows:

2007 SATINDER K. BRAR, Ph.D.; MAUSAM VERMA, Ph.D.; RAO Y. SURAMPALLI, Ph.D., P.E., BCEE, F.ASCE; KSHIPRA MISRA, Ph.D.; RAJESHWAR D. TYAGI, Ph.D., M.ASCE; HATHALIE MEUNIER, Ph.D.; and JEAN-FRANCOIS BLAIS, Ph.D.

2008 TRACY KIJEWSKI-CORREA, Ph.D., A.M.ASCE; JOHN KILPATRICK; AHŞSAN KAREEM, Ph.D., M.ASCE; DAE KUN KWON, M.ASCE; RACHEL BASHOR, S.M.ASCE;
MICHAEL C. KOCHLY, S.M.ASCE; BRADLEY YOUNG, P.E., S.E., M.ASCE; AHMAD ABDELRAZAQ, S.E., M.ASCE; JON GALSWORTHY, P.E., M.ASCE; NICHOLAS ISYUMOV, Ph.D., P.E., F.ASCE; DAVE MORRISH; ROBERT SINN, F.ASCE; WILLIAM F. BAKER, JR., P.E., F.ASCE

2011
KONSTANTINOS L. KEPAPTSOGLOU, Ph.D., M.ASCE and MATTHEW E. KARLAFTIS, Ph.D., P.E., M.ASCE

2012
SHERIF EL-TAWIL, Ph.D., P.E., M.ASCE; KENT A. HARRIES, Ph.D., P.E., M.ASCE; PATRICK J. FORTNEY, Ph.D., M.ASCE; BAHRAM M. SHAHROOZ, Ph.D., P.E., M.ASCE; AND YAHYA KURAMA, Ph.D., M.ASCE

2013
DIMITRIOS G. LIGNOS, Ph.D., A.M.ASCE and HELMUT KRAWINLER, M.ASCE

Harland Bartholomew Award

The Harland Bartholomew Award was established by the former Urban Planning and Development Division of the Society (now the Transportation & Development Institute) in recognition of the outstanding professional accomplishments of Harland Bartholomew, Hon.M.ASCE. It was instituted by the Board of Direction in 1968.

The award is made to the person who is judged worthy of special commendation for contributions to the enhancement of the role of the civil engineer in urban planning and development. The contribution may be in the form of a paper published by the Society or personal efforts toward reaching that goal.

I. Only Fellows, Members, and Associate Members of the Society are eligible.

II. The Awards Committee of T&DI reviews nominations presented by the Honors and Awards program and recommends to the Board of Governors of the T&DI the recipient, if any, for final action by the Executive Committee of the ASCE Board of Direction.

III. Nominees not selected in a given year may be held over for consideration by the Awards Committee of T&DI, with approval from the Board of Governors of T&DI. The names of these nominees will be conveyed to the Honors and Awards program office.

IV. The award consists of a plaque.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters office by November 1.

Awards have been made as follows:

2006 JON D. FRICKER, Ph.D., P.E., M.ASCE
2008 ARUN CHATTERJEE, Ph.D., P.E., F.ASCE
2007 KARA M. KOCKELMAN, Ph.D., P.E., M.ASCE
2009 LESTER A. HOEL, Eng.D., P.E., F.ASCE, NAE
2011 SUE McNEIL, Ph.D., P.E., M.ASCE

Stephen D. Bechtel, Jr. Energy Award

The Stephen D. Bechtel, Jr. Energy Award was established to recognize outstanding achievements in the energy field by a civil engineer. The Bechtel Foundation donated funds to support this Award in honor of the contributions made by Stephen D. Bechtel, Jr., F.ASCE, to the engineering profession and his noteworthy advancements in the design and construction of energy projects throughout the world. The Award was established by the Board of Direction in April 1992.

I. The award may be made annually to a member of ASCE who has made a definite contribution to the advancement of the energy field in research, planning, design or construction. The contribution may have been made in the form of papers or other written presentations, or through outstanding performance or specific noteworthy actions that have served to advance the art, science and technology of the energy field.

II. Not more than one award of the prize is made each year unless the achievement upon which the award is based is considered to be the joint contribution of more than one person, such as the joint authorship of a paper. No one shall receive the honor more than once.

III. Each Section and Branch and Technical Division Executive Committee is entitled to enter the name of one nominee annually. These names, and supporting documents, are assembled by the Executive Director and referred to the Executive Committee of the Energy Division.

IV. The Executive Committee of the Energy Division recommends the recipient, if any, to the Executive Committee of the ASCE Board of Direction for final action.
The award consists of a plaque and cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction, based on the income from the award endowment. If an award is presented for a joint effort, the lead recipient shall receive the plaque and cash award. Award recipients who are not the lead recipient shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2007 JOHN E. EDINGER, Ph.D., M.ASCE
2010 JAMES G. SOULES, P.E., S.E., P.Eng., F.ASCE
2011 BRUCE J. BLANNING, P.E., M.ASCE

Stephen D. Bechtel Pipeline Engineering Award

To recognize outstanding achievements in pipeline engineering, the Bechtel Foundation donated funds to support this award in honor of the contributions made by Stephen D. Bechtel, F.ASCE, to the engineering profession and for his noteworthy advancements in the design and construction of pipelines throughout the world. The award was established by the Board of Direction in October 1970.

I. The award is made annually to a member of the American Society of Civil Engineers who has made a definite contribution to the advancement of pipeline engineering, either in research, planning, design, or construction. Any of these contributions may be made either in the form of papers or other forms of written presentations, or through outstanding performance or specific and noteworthy actions which have served to advance the art, science, and technology of pipeline engineering.

II. Not more than one award of the prize is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one person, such as the joint authorship of a paper. No one shall receive the honor more than once.

III. Each Section and Branch and Technical Division Executive Committee shall be entitled to enter the name of one nominee annually. These names, and supporting documents, will be assembled by the Executive Director and referred to the Executive Committee of the Pipeline Division.

IV. The Executive Committee of the Pipeline Division shall recommend the recipient, if any, to the Executive Committee of the ASCE Board of Direction for final action.

V. The award consists of a plaque and cash award determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

VI. If the award is presented for a joint effort, the lead recipient shall receive the plaque and cash prize. Award recipients who are not the lead recipient shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009 WILLIAM C. PISANO, Ph.D., P.E., M.ASCE
2010 JOSEPH W. BARSOOM, P.E., L.S., M.ASCE
2011 JOHN H. BAMBEI, P.E., M.ASCE
2012 ANDREW E. ROMER, P.E., M.ASCE
2013 JOSEPH P. CASTRONOVO, P.E., M.ASCE

John O. Bickel Award

This award was established in 1986 by the Board of Direction and endowed by Parsons Brinckerhoff, Inc. in honor of John O. Bickel, a retired partner of the firm, an eminent engineer for rail and vehicular tunnels and for over fifty years an employee of Parsons Brinckerhoff. It is administered by the Construction Institute through the Honors and Awards Program.

I. Nomination for the John O. Bickel Award is open to all authors, who are either Society or Construction Institute members, of papers or articles as defined in Rule III.

II. The award consists of an appropriate certificate and a cash prize determined annually by and subject to the approval of the Construction Institute Board of Directors based on the income from the award endowment.
If the award is presented to a group, the lead recipient shall receive the certificate and cash prize. Award recipients who are not the lead recipient shall receive only a certificate.

III. The award may be awarded annually to the author or authors of the best original article or paper published in a print issue of an ASCE journal during the specified annual period and not previously published concerning the design and/or construction of a rail or vehicular tunnel. Special consideration may be given to articles or papers dealing with tunnels constructed by the immersed or sunken tube method.

IV. Articles or papers published in the twelve months ending with June of the year preceding the year of award are eligible for consideration.

V. Nominations will be considered by the Construction Institute’s Awards Committee. Its recommendation will be made to the Construction Institute’s Board of Directors and subsequently ratified by the Executive Committee of the ASCE Board of Direction.

VI. One award shall be presented in any year.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2005 GERHARD A. GIRMSCHEID, Ph.D., M.ASCE and CLIFFORD J. SCHEXNAYDER, Ph.D., P.E., F.ASCE

Maurice A. Biot Medal

This medal was established by the Engineering Mechanics Institute of ASCE to recognize the lifetime achievement of Dr. Maurice A. Biot (1905–1985). The award consists of a medal and a certificate. This award is funded by the generous endowment of Madame Biot, honoring her late husband.

It was instituted by the Board of Direction in 2002.

I. The medal will be awarded to an individual who has made outstanding research contributions to the mechanics of porous materials.

II. The medal will ordinarily be granted for cumulative distinguished contributions. In exceptional cases, it may be awarded for a single contribution of outstanding merit. The medal will be awarded every year at the discretion of the selection committee.

III. The medal will be given without regard for society membership or nationality.

IV. No individual shall receive the medal more than once.

V. The award committee will consist of the Engineering Mechanics Institute (EMI) Advisory Board and be chaired by the Chair of the EMI Advisory Board. At the discretion of the Board, one or more outside experts in the above-stated field may be consulted. The ASCE Executive Committee shall approve the Advisory Board’s recommendation.

VI. The medal will be presented at the ASCE national convention, the EMI annual conference, or a national mechanics conference co-sponsored by ASCE. Whenever appropriate, the recipient will be invited to deliver the Maurice A. Biot Lecture in the conference on a topic within the designated subject area of the award.

VII. Ten years after the establishment of the award, the Executive Committee of the EMI may review and propose modifications to the above criteria and rules. The modifications, however, cannot violate the original intent of the award.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009 BERNHARD A. SCHREFFLER, Ph.D. 2012 ALEXANDER H-D CHENG, Ph.D., M.ASCE
2010 ROBERT W. ZIMMERMAN, Ph.D. 2010 ROBERT W. ZIMMERMAN, Ph.D. 2013 ANTONY P.S. SELVADURAI, Ph.D., D.Sc., M.ASCE
2011 ZDENĚK P. BAZÁNT, Ph.D., S.E., NAS, Hon.M.ASCE, NAE

CAN-AM Civil Engineering Amity Award

This award was established by ASCE in April 1972 by the initiative and endowment of James A. Vance, Hon.M.ASCE. The objective of the CAN-AM Civil Engineering Amity Award is to give recog-
nition to those civil engineers who have made outstanding and unusual contributions toward the advancement of professional relationships between the civil engineers of the United States of America and Canada.

I. The award is made annually to a member of the American Society of Civil Engineers (ASCE) or the Canadian Society for Civil Engineering (CSCE) for either a specific instance that has had continuing benefit in understanding and good will, or a career of exemplary professional activity that has contributed to the amity of the United States of America and Canada.

II. Each Section and Branch of ASCE shall be entitled to enter the name of one nominee annually. The CSCE shall also be invited to nominate an individual who meets the criteria for the award. These names, and supporting documents, will be assembled by the Executive Director of ASCE and referred to the judging committee.

III. The annual recommendation as to the recipient, if any, of this Award shall be made by the Awards Committee of the Technical Council on Cold Regions and approved by the ASCE Executive Committee.

IV. One award is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one person. No one shall receive the honor, or any portion thereof, more than once.

V. The award shall consist of a medal and cash prize determined annually and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income form the award endowment. If the award is presented for a group accomplishment, the lead recipient shall receive the medal and cash prize. All other recipients shall receive only a certificate.

VI. The award shall be presented annually, at an appropriate meeting of ASCE, or at a national convention of the Canadian Society for Civil Engineering (CSCE) if the recipient resides in Canada and is a member of CSCE. The presentation shall be made at an appropriate general function conducted during the course of such convention.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009 DOUGLAS L. KANE, Ph.D., P.E., M.ASCE
2010 THOMAS KRZEWINSKI, P.E., D.GE, F.ASCE
2011 DON HAYLEY, P.E.
2012 REINHOLD M. SCHUSTER, Ph.D., P.E.
2013 BILLY G. CONNOR, P.E., M.ASCE

**Arthur Casagrande Professional Development Award**

This award was established by the Geotechnical Engineering Division (now the Geo-Institute) of ASCE as a memorial to the outstanding contributions of Arthur Casagrande, Hon.M.ASCE, to the teaching, research, and practice of geotechnical engineering. The Award is funded by gifts from many students, colleagues, and friends of Arthur Casagrande. The award was established to provide professional development opportunities for outstanding young practitioners, researchers, and teachers of geotechnical engineering. It is administered by the Geo-Institute through the Honors and Awards Program.

I. The award may be given in recognition of outstanding accomplishments as evidenced by completed works, reports, or papers in the field of geotechnical engineering. It is intended to further the professional development of outstanding practitioners, researchers, or teachers of geotechnical engineering. Candidates who are 35 years of age or less on December 31 of the calendar year nominated are eligible.

II. Membership in the Society is not a requirement for consideration.

III. The Geo-Institute Board of Governors will recommend for ASCE Executive Committee approval the awardee or, in exceptional cases, not more than two awardees, from nominations made annually by members of the Geo-Institute. Nominations shall be no more than 10 pages in length and should include supporting evidence of distinguished accomplishments by the nominee, together with supporting letters and a brief biography.

IV. Multiple awards within an award cycle are tendered only if the balance then available in the award fund is adequate for the purpose.
V. The award consists of a certificate and a cash prize determined annually by, and subject to, the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by August 15.

Awards have been made as follows:

2009 DOMINIC ASSIMAKI, Sc.D., A.M.ASCE
2010 SCOTT J. BRANDENBERG, Ph.D., A.M.ASCE and AMY B. CERATO, Ph.D., P.E., M.ASCE
2011 JOSÉ E. ANDRADE, Ph.D., A.M.ASCE
2012 DIMITRIOS ZEKKOS, Ph.D., P.E., M.ASCE
2013 JOHN S. McCARTNEY, Ph.D., P.E., M.ASCE

Jack E. Cermak Medal

This medal was established by the Engineering Mechanics Division and the Structural Engineering Institute to recognize Dr. Jack E. Cermak’s lifetime achievements in the field of wind engineering and industrial aerodynamics. The award will consist of a gold-plated medal and a certificate. This award is funded by friends and colleagues of Professor Jack Cermak. It was instituted by the Board of Direction in 2000.

I. The Medal will be awarded for outstanding contributions to research and/or practice in wind engineering.

II. The Medal will ordinarily be granted for cumulative distinguished contributions in wind engineering. In exceptional cases, it may be awarded for a single contribution of outstanding merit.

III. The Medal will be awarded every year at the discretion of the selection committee and will be limited to one individual, unless a nomination is based on work which was a joint effort of a substantial duration. In such cases, duplicate or multiple medals will be tendered only if the balance then available in the award fund is adequate for that purpose.

IV. The award recipients will be nominated by the members of the Engineering Mechanics Institute and the Structural Engineering Institute for final action by the ASCE Executive Committee. The awards committee will consist of the Engineering Mechanics Institute Advisory Board and three members appointed by the Board of Governors of the Structural Engineering Institute. It will be chaired by the chair of the Engineering Mechanics Institute Advisory Board.

V. During the year following receipt of the Medal, the recipient(s) will be invited to deliver the Jack E. Cermak Lecture on a topic within the designated subject area of the award, to be presented at one of the ASCE national meetings, conferences, congresses, or conventions.

VI. The medal will be given without regard for Society membership or nationality.

VII. No individual shall receive the Medal more than once.

VIII. The award consists of a gold-plated medal. If the award is presented for a joint effort, the lead recipient shall receive the award. All other recipients shall receive only a certificate.

IX. Ten years after the establishment of the award, the Executive Committee of the Engineering Mechanics Institute and the Board of Governors of the Structural Engineering Institute may review and propose modifications to the above criteria and rules.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2007 PETER A. IRWIN, Ph.D., P.Eng., F.ASCE
2009 THEODORE STATHOPOULOS, Ph.D., P.E., F.ASCE
2010 JON A. PETERKA, Ph.D., P.E., M.ASCE
2012 NICHOLAS ISYUMOV, Ph.D., P.E., F.ASCE
2013 WILLIAM H. MELBOURNE, Ph.D.
Ven Te Chow Award

The Ven Te Chow Award was established to recognize lifetime achievement in the field of hydrologic engineering. Sinotech Engineering Consultants, Inc. donated funds to support this award. It was officially instituted by action of the Board of Direction in 1995. It is administered by the Environmental and Water Resources Institute through the Honors and Awards Program.

I. The award may be presented annually to individuals whose careers in the field of hydrologic engineering have been distinguished by exceptional achievement and significant contribution in research, education, or practice.

II. The award will be given without regard for Society membership, and will be limited to one individual each year, unless a nomination is based on work which was a joint effort of substantial duration.

III. The award consists of crystal trophy and cash prize determined annually by and subject to the approval of the Executive Committee of the Board of Direction, with the advice of the Governing Board of the Environmental and Water Resources Institute, based on the income from the award fund. In the case of a joint effort, the lead recipient shall receive the trophy and cash prize. All other recipients shall receive only a certificate.

IV. The Ven Te Chow Award Committee, whose members are the voting members of the Surface Water Hydrology Technical Committee of the Watershed Council and one member of the Ground Water Council, who shall be appointed annually by the Ground Water Council, shall recommend a nominee to the EWRI Awards Committee. The EWRI Awards Committee shall seek approval from the Governing Board of the Environmental and Water Resources Institute. If approved by the EWRI Governing Board, the recommendation shall be presented for final action to the Executive Committee of the ASCE Board of Direction.

V. The Award will be presented at the Environmental and Water Resources Institute Annual Specialty Conference, and the recipient will be invited to present a lecture on that occasion. The lecture will be published in the Division’s Hydrologic Engineering Journal.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by October 1.

Awards have been as follows:

2009 M. LEVENT KAVVAS, Ph.D., F.ASCE
2010 JOSÉ D. SALAS, Ph.D., M.ASCE
2011 DAVID MAIDMENT, Ph.D., P.E., M.ASCE
2012 RAMACHANDRA RAO, Ph.D., M.ASCE
2013 SLOBODAN P. SIMONOVIC, Ph.D., P.E., F.ASCE

Civil Government Award

To recognize those members of the engineering profession who have rendered meritorious service in elective or appointive positions in government, William D. Shannon, Past Vice President, ASCE, contributed funds, the annual income of which is to be used for a Civil Government Award. The award was officially instituted by action of the Board of Direction in October 1963.

I. The name of the award is the Civil Government Award.

II. The award shall be made to those members of ASCE, wherever resident, who have contributed substantially to the status of the engineering profession by meritorious public service in elective or appointive positions in civil government.

III. In the selection of the recipients, primary consideration shall be given to public service which does not require the qualifications of an engineer. The award is intended to recognize service by engineers in such capacities as: mayor, city manager, city councilman, municipal department head, county or special authority official, state governor, member of legislature, state department head, member of congress, cabinet member, federal department administrator, or National President.

IV. The award will not be made to persons holding positions that require the services of a professional engineer or positions that traditionally have been held by engineers, nor will the award be made to persons holding positions filled by competitive civil service examinations.

V. The nominees for this award must be registered professional engineers.
VI. The award committee shall be the Committee on Leadership and Management. Its recommendation, accompanied by an appropriate citation, shall be reported to the Committee on Advancing the Profession (CAP) annually and shall be forwarded to the Executive Committee of the ASCE Board of Direction for final action.

VII. Any ASCE member, including the award committee, may submit nominations in writing, for this award.

VIII. Meritorious nominees not selected in a given year may be held over for consideration by the Committee on Leadership and Management for the next year. The names of these nominees will be conveyed to the Honors and Awards Program office.

IX. Only one person shall receive the award in any year and a recipient may receive the honor only once.

X. The recipient shall be presented with an appropriate wall plaque.

XI. Members of CAP and the Committee on Leadership and Management and Society members who have been awarded the grade Distinguished Member prior to the review of nominations shall not be eligible for this award.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by March 1.

Awards have been made as follows:

2009 JOHN M. SULLIVAN, P.E., L.S., M.ASCE
2010 BRENNON T. MORIOKA, Ph.D., P.E., M.ASCE
2011 ROBERT C. KREBS, P.E., L.S., F.ASCE
2012 THE HON. DAVID B. MCKINLEY, P.E., M.ASCE
2013 TIMOTHY D. LEAVITT, P.E., M.ASCE

Collingwood Prize

The Collingwood Prize was instituted and endowed in 1894 by Francis Collingwood, Past Secretary of ASCE. It is administered by the Committee on Younger Members through the Honors and Awards Program.

I. Nomination for the prize is restricted to Affiliate Members, Associate Members, and Members of the Society who were 35 years of age or less at the time the paper was submitted in essentially its final form. Co-authors over 35 years of age are allowed provided they can attest by a signed letter that they had no part in the paper other than reviewing it. Co-authors over 35 years of age are not eligible for the prize. Papers with co-authors over 35 years of age, but submitted without the required letter, will be disqualified.

II. The prize consists of a wall plaque. Co-authors under the age of 35 shall receive an award certificate.

III. The prize may be awarded annually to the author or authors of a paper (1) describing an engineering work with which the author(s) have been directly connected, or (2) recording investigations contributing to engineering knowledge to which the author(s) have contributed some essential part, and (3) containing a rational digest of results. Any mathematical treatment must show immediate adaptability to professional practice. Accuracy of language and excellence of style are factors in the award. The Committee on Younger Members shall recommend a winner to the Executive Committee for final action.

IV. Papers published in a print issue of an ASCE journal during the twelve-month period ending with June 30 of the year preceding the year of award are eligible. Individual technical papers produced as an appendix to a report of an ASCE committee and published during the twelve-month period ending with June 30 of the year preceding the year of the award are also eligible.

V. Active members of the CYM or its active Corresponding Members shall not be eligible for the award.

To nominate for this award, submit the following on CD:

A cover letter, signed by the nominator
An application checklist
An Official Award Nomination form
A Collingwood application form, endorsed by the Section or Branch President

Co-author letter(s), if necessary

One copy of the paper

Nomination packages must be postmarked by February 1 and submitted to the Honors and Awards Program at the ASCE Headquarters, 1801 Alexander Bell Drive, Reston, VA 20191-4382.

Awards have been made as follows:

2008  M. Emin Kutay, Ph.D., A.M.ASCE
2009  SUREN CHEN, Ph.D., P.E., M.ASCE
2010  PAUL W. RICHARDS, Ph.D., P.E., M.ASCE
2011  JUAN FELIPE PULIDO, P.E., M.ASCE
2013  IAONNIS BRILAKIS, Ph.D., M.ASCE; STEPHANIE G. PAAL, Ph.D., S.M.ASCE; and ZHENHUA ZHU, Ph.D., A.M.

Columbia Medal

The establishment of the Columbia Medal was initiated in 1982 by the Aerospace Division (ASD) of the American Society of Civil Engineers (ASCE) to commemorate the first earth orbital flight of the United States Space-Shuttle Orbiter, Columbia, which opened a new technological era for mankind through the peaceful utilization of space. The medal also honors the astronauts who perished in the tragic demise of the Columbia on February 1, 2003. The Columbia Medal is an endowed award and is presented in accordance with the following criteria and rules:

I. Members of the Society, except Student Members, are eligible for nomination.

II. The Award is granted for sustained outstanding contribution to the advancement of aerospace engineering, sciences and technology in at least one of the following areas: teaching, research, design, development, planning, construction, management, or direct participation in space-borne missions and/or ground-support activities.

III. Any of these contributions may be in the form of: notable performance relating to the conception, planning, and/or execution of an important project related to the mission of the Division; long years of distinguished service in private academic, industrial and/or Government sectors; or other specific actions which have served to advance the practice of civil engineering through the application of aerospace engineering, sciences and technology. A nominee’s history of publications may be considered in evaluating whether or not a candidate fulfills the criteria.

IV. One award will be granted in even-numbered years unless the achievement upon which the award is based is considered to be the joint contribution by more than one individual who meets the eligibility criteria for the award. In the latter case, duplicate or multiple awards will be tendered, if permitted by the current award fund balance. The award will not be presented when, in the opinion of the selection committee, a suitable candidate cannot be found.

V. The qualifications of eligible nominees will be reviewed by the Aerospace Division Awards Committee, which shall submit recommendations to the Aerospace Division Executive Committee for approval, which shall present its recommendation to the ASCE Executive Committee for final action.

VI. The Award items are a certificate, medal and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment and medal.

VII. The Columbia Medal will be presented at the Annual Conference of the Society or at the Aerospace Division’s Conference.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2010  HARRISON H. SCHMITT, Ph.D., A.M.ASCE
2012  WILLIAM WHITTAKER, Ph.D., A.M.ASCE

Computing in Civil Engineering Award

The Computing in Civil Engineering Award was established by the Technical Council on Computer Practices (now the Technical Council on Computing and Information Technology). It was officially
instituted by action of the Board of Direction in January 1995, and was funded by computer-oriented industries within the field of civil engineering.

I. The award is made annually to a member of the American Society of Civil Engineers who has made an outstanding contribution to the application of computers to the practice of civil engineering. Computer-related contributions in any technical discipline or professional context are eligible for this award without restriction.

II. Not more than one presentation of the award will be made each year unless the achievement upon which the award is based is the joint work of more than one individual. No individual may receive the Award, or a portion thereof, more than once.

III. The nomination of the recipient of the award is the responsibility of the Executive Committee of the Technical Council on Computing and Information Technology. The nomination is subject to the approval of the Executive Committee of the ASCE Board of Direction. The Executive Committee of the Technical Council on Computing and Information Technology may, at its discretion, choose to forego nominating anyone for the Award in any given year.

IV. The Award consists of a plaque and a cash prize determined annually by and subject to the approval of the Executive Committee of the Board of Direction based on the income from the award endowment. If the award is presented for a group effort, the lead recipient shall receive the plaque and cash prize. All other recipients shall receive only a certificate.

V. The award will normally be presented at a specialty conference sponsored by the Technical Council on Computing and Information Technology.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009 TERESA M. ADAMS, Ph.D., F.ASCE
2010 LUCIO SOIBELMAN, Ph.D., M.ASCE
2011 KINCHO H. LAW, Ph.D., M.ASCE
2012 R. RAYMOND A. ISSA, Ph.D., J.D., P.E., F.ASCE
2013 RENATE FRUCHTER, Ph.D., M.ASCE

Construction Management Award

This award was endowed by Marvin Gates and Amerigo Scarpa, Fellows, ASCE and officially instituted by action of the Board of Direction in October, 1973. It is administered by the Construction Institute through the Honors and Awards Program.

I. The award is known as the Construction Management Award.

II. The award may be given annually to someone who has been a member of the Construction Institute or the American Society of Civil Engineers for at least five years and who has made outstanding contributions to the field of construction management as a practitioner, educator, or researcher either in the form of written presentations, scholarly work, or notable performance.

III. Self-nominations will not be accepted.

IV. Not more than one award is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one person. No one shall receive the Construction Management Award or a portion thereof more than once.

V. The Construction Management Award Subcommittee of the Management Practices in Construction Committee (MPIC) reviews the nominations during September and October each year and presents its recommendation to the full committee at its November meeting. The recommendation as to the recipient of the Award shall be submitted to the Executive Committee of the ASCE Board of Direction by the Construction Institute Board of Directors with the advice of previous recipients of the Award.

VI. Nominees not selected in a given year will be held over for consideration through the next selection cycle. At the end of the second cycle, nominees not chosen will no longer be eligible for consideration, except that nominators who wish for their candidate to be considered for another two-cycle period must produce a new nomination package.

VII. The award consists of a plaque and cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment. If the award is presented for a joint accomplishment, the lead recipient shall receive the plaque. All other recipients shall receive only a certificate.
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VIII. The award is typically presented at the Annual Meeting of the American Society of Civil Engineers. Nominations should contain a detailed description of why the candidate deserves the award and a current resume of the individual being nominated. Self-nominations will not be accepted. To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by August 15.

Awards have been made as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>2009</td>
<td>LARRY J. SMITH, P.E., F.ASCE</td>
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<tr>
<td>2010</td>
<td>AWAD S. HANNA, Ph.D., P.E., F.ASCE</td>
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<tr>
<td>2011</td>
<td>WILFRED L. PAINTER, JR., P.E., F.ASCE</td>
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<tr>
<td>2012</td>
<td>AVIAD SHAPIRA, D.SC., REG.ENG., F.ASCE</td>
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<tr>
<td>2013</td>
<td>THOMAS J. DRISCOLL, M.ASCE</td>
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J. James R. Croes Medal

This prize was established by the Society on October 1, 1912, and is named in honor of the first recipient of the Norman Medal, John James Robertson Croes, Past President, ASCE.

I. The Croes Medal may be awarded annually, under the rules governing the award of the Norman Medal.

II. There is no direct nomination of papers for this award. The pool of nominations for this award is those papers submitted and not selected for the Norman Medal. The medal is awarded to the author, or authors, of such paper as may be judged worthy of the award and be next in order of merit to the paper to which the Norman Medal is awarded. If the Norman Medal is not awarded, the Croes Medal may be awarded to the paper judged worthy for its merit as a contribution to engineering science.

III. The nominated papers are reviewed by the Paper Review Committee which shall recommend the recipient(s) to the Society Awards Committee which shall request approval from the Executive Committee of the Board of Direction. The Paper Review Committee shall be composed of two representatives of the Committee on Technical Advancement (CTA) and one representative of G-I, SEI, AEL, EWRI, COPRI, EMI, CI and T&DI. Its chair shall be the senior CTA member. Committee members shall serve three-year staggered terms.

IV. Papers not selected for either the Croes or Norman medals shall be ineligible for re-nomination.

V. The award consists of a medal. In the case of a paper written by more than one author, the lead author shall receive the medal. All other authors shall receive only a certificate.

Awards have been made as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>MICHAEL H. SCOTT, Ph.D., M.ASCE; GREGORY L. FENVES; FRANK McKENNA; M.ASCE</td>
<td></td>
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<tr>
<td>2010</td>
<td>NING LU, Ph.D., F.ASCE</td>
<td></td>
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<tr>
<td>2011</td>
<td>MUSTAFA M. ARAL, Ph.D., P.E., F.ASCE; JIABAO GUAN, Ph.D., P.E.</td>
<td></td>
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<tr>
<td>2012</td>
<td>JORGE G. ZORNBRENG, Ph.D., P.E., M.ASCE; JOHN S. MCCARTNEY, Ph.D., P.E., M.ASCE</td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td>MANI GOLPARVAR-FARD, Ph.D., A.M.ASCE; FENIOSKY PENA-MORA, P.E., M.ASCE; and SILVIO SAVARESE</td>
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</table>

Charles Martin Duke Lifeline Earthquake Engineering Award

This award was established by the Technical Council on Lifeline Earthquake Engineering to honor Charles Martin Duke for his pioneering contributions in lifeline earthquake engineering. The funds for the award were obtained through the solicitation of gifts from the many students, colleagues, admirers and friends of Martin Duke. Major contributors were: R. C. Thacker; EQE Engineering; John Blume; Dames and Moore; EERI; Kinematic Systems; LeRoy Crandal Assoc.; Fluor Daniel, Inc.; Robert Duke; and ARCO Pipeline Co. It was instituted by the Board of Direction in April 1990.

I. The award will be made annually to an individual who has made a definite contribution to the advancement of lifeline earthquake engineering. Contributions may be made either in the form of papers or other written presentations, or through outstanding performances or specific and noteworthy actions which have served to advance the art, science and technology of lifeline earthquake engineering.

II. Membership in the Society is not a requirement for consideration.
III. Not more than two independent awards of the prize will be made each year, unless the achievement upon which the award is based is considered to be the joint contribution by more than one person, such as the joint authorship of a paper. No one shall receive the honor more than once.

IV. The nomination of the potential recipient shall be made prior to or on November 1 of the year the prize is to be awarded.

V. Nomination for the Charles Martin Duke Award should be submitted by a written letter accompanied by at least one page vita of the nominee outlining his/her accomplishments in reference to the Award.

VI. The Charles Martin Duke Award Committee shall consist of the three immediate past chairs of the Executive Committee of the Technical Council on Lifeline Earthquake Engineering, whose duty shall be to recommend nominees for formal action by the Executive Committee of the ASCE Board of Direction.

VII. The award will consist of a plaque, suitably inscribed with the name of the recipient and the circumstances of the award and a specially engraved lapel pin.

When two individual awards are made, each winner shall receive a plaque and share in the cash prize, if the award fund is sufficient to cover the costs. If the award is for a joint effort, the lead winner shall receive the plaque and lapel pin. All other winners shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>JOHN M. EIDINGER, P.E., M.ASCE</td>
</tr>
<tr>
<td>2009</td>
<td>LEON KEMPNER, JR., Ph.D., P.E., M.ASCE</td>
</tr>
<tr>
<td>2010</td>
<td>ALEX K.K. TANG, P.E., F.ASCE</td>
</tr>
<tr>
<td>2011</td>
<td>MARTIN L. ESKIJIAN, P.E., M.ASCE</td>
</tr>
<tr>
<td>2013</td>
<td>CURTIS L. EDWARDS, P.E., F.ASCE</td>
</tr>
</tbody>
</table>

Hans Albert Einstein Award

This award was established by the Waterway, Port, Coastal and Ocean Division (now the Coasts, Oceans, Ports, and Rivers Institute) and the Hydraulics Division (now the Environmental and Water Resources Institute) to honor Hans Albert Einstein for his outstanding contributions to the engineering profession and his advancements in the areas of erosion control, sedimentation and alluvial waterways. The funds were contributed by the honoree’s friends and former students in appreciation of his positive influence on their professional development. The Award was officially instituted by action of the Executive Committee of the ASCE Board of Direction in October 1988.

I. The award is made annually to a member of the Society who has made a significant contribution to the engineering profession in the areas of erosion control, sedimentation and/or waterway development either in teaching, research, planning, design, or management. Contributions can be made either in the form of papers or through notable performances which have served to advance engineering in these areas.

II. Award recipients are selected by an award committee composed of three members from the Coasts, Oceans, Ports, and Rivers Institute and three members from the Environmental and Water Resources Institute. The Waterways Committee of the Coasts, Oceans, Ports, and Rivers Institute and the Sedimentation Committee of Environmental and Water Resources Institute provide at least one member each to the award committee. The chair of the award committee alternates annually between the representatives of the two divisions having the longest tenure on the committee. Nominations are submitted for approval by the ASCE Executive Committee through the Executive Committees of both institutes.

III. The Waterways Committee of the Coasts, Oceans, Ports, and Rivers Institute and the Sedimentation Committee of Environmental and Water Resources Institute decide on alternate years the location that the award will be given.

IV. Not more than one presentation of the award is made each year unless the achievement upon which the award is based is considered to be the joint contribution of more than one person, such as the joint authorship of a paper. No one may receive the award or a portion thereof more than once.

V. The award consists of a specially designed plaque and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment. If the award is presented for a group accomplishment, the lead recipient shall receive the plaque and cash prize. All other recipients shall receive only a certificate.
To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:

2008  PETER R. WILCOCK, Ph.D., M.ASCE
2009  WILLIAM H. McANALLY, Ph.D., P.E., F.ASCE
2011  ZHAO-YIN WANG, Ph.D., M.ASCE
2012  PANAYIOTIS DIPLAS, Ph.D., M.ASCE
2013  BRUCE L. McCARTNEY, P.E., D.NE, M.ASCE

**Simon W. Freese Environmental Engineering Award and Lecture**

This award and lectureship was established by the Environmental Engineering Division (now the Environmental and Water Resources Institute) and endowed by the firm of Freese & Nichols in honor of their distinguished partner Simon Wilke Freese, F.ASCE. It was instituted by the Board of Direction on November 5, 1975.

I. At about yearly intervals and upon recommendation of the Governing Board of the Environmental and Water Resources Institute, the Executive Director will invite a distinguished person to prepare for publication and deliver the Simon W. Freese Environmental Engineering Lecture at an appropriate meeting of the Society.

II. The lecturer shall be tendered a certificate and a cash prize determined annually by and subject to the approval of the Society Awards Committee.

III. The lecturer will be selected without restrictions as to Society membership.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by October 1.

Awards and lectures have been presented as follows:

2009  BRUCE E. RITTMANN, Ph.D., M.ASCE, NAE
2010  JERALD SCHNOOR, Ph.D., P.E., M.ASCE, NAE
2011  MENACHEM ELIMELECH, Ph.D., M.ASCE, NAE
2012  RAO Y. SURAMPALLI, Ph.D., Dist.M.ASCE
2013  PAUL L. BISHOP, Ph.D., P.E., F.ASCE

**Alfred M. Freudenthal Medal**

This medal was established and endowed by the Engineering Mechanics Division of ASCE, with gifts presented by the many friends and admirers of Alfred M. Freudenthal, F.ASCE. The Medal was officially instituted by action of the Board of Direction on November 1–2, 1975.

I. The award is known as the Alfred M. Freudenthal Medal.

II. The award consists of a bronze medal presented to an individual in recognition of distinguished achievement in safety and reliability studies applicable to any branch of civil engineering.

III. Age, nationality, and Society membership shall not be considerations in making the award.

IV. The award is normally made every two years on the basis of nominations submitted by November 1. It may be omitted at the discretion of the Award Committee.

V. Nominees not selected in a given year will be held over for consideration through the next selection cycle. At the end of the second cycle, nominees not chosen will no longer be eligible for consideration. Nominators who wish for their candidate to be considered for another two-cycle period must produce a new nomination package.

VI. The award committee shall consist of the members of the Advisory Board of the Engineering Mechanics Institute, whose duty shall be to recommend nominees for formal action by the Executive Committee of the ASCE Board of Direction.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2006  ARMEN DER KIUREGHIAN, Ph.D., P.E., M.ASCE
2010  ARVID NAESS, Ph.D., M.ASCE
2008  RUDIGER RACKWITZ, Dr. Ing
2012  ERIK VANMARCKE, Ph.D., M.ASCE
Edmund Friedman Professional Recognition Award

To recognize the importance of professional attainment in the advancement of “the science and profession of engineering,” as defined by the Constitution of the Society, Edmund Friedman, Past President, ASCE, contributed funds to establish the Professional Recognition Award, in 1959, and it was officially instituted by action of the Board of Direction in March 1960. In February 1964, the Board of Direction voted to include the name of the donor in the name of the award.

I. The name of the award is the Edmund Friedman Professional Recognition Award.

II. This recognition is awarded annually to a member of the American Society of Civil Engineers who is judged to have contributed substantially to the status of the engineering profession by:
   a. Exemplary professional conduct in a specific outstanding instance;
   b. An established reputation for professional service;
   c. Objective and lasting achievement in improving the conditions under which professional engineers serve in public and private practice;
   d. Significant contribution toward improvement of employment conditions among civil engineers;
   e. Significant contribution toward improving the professional aspects of civil engineering education;
   f. Professional guidance of qualified young persons who would seek civil engineering as a career; and professional development of young civil engineers in the formative stages of their careers; or,
   g. Other evidence of merit which, in the judgment of the award committee, shall have advanced the Society’s professional objectives.

III. The award shall be made once each year when, in the judgment of the award committee, a suitable candidate is available. Only one recipient will be named in any year, and no recipient may receive the award more than once.

IV. The award committee shall be the Committee on Leadership and Management. Its recommendation, accompanied by an appropriate citation, shall be reported to the Committee on Advancing the Profession (CAP) annually and shall be forwarded to the Executive Committee of the Board of Direction for final action.

V. Any ASCE member, including the award committee, may submit nominations, in writing, for this award.

VI. Meritorious nominees, not selected in a given year, may be held over for consideration by the Committee on Leadership and Management for the next year. The names of these nominees will be conveyed to the Honors and Awards Program office.

VII. The award consists of a wall plaque.

VIII. Members of CAP and the Committee on Leadership and Management and Society members who have been awarded the grade Distinguished Member prior to the review of nominations shall not be eligible for this award.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by March 1.

Awards have been made as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>2010</td>
<td>CHRISTOPHER B. BURKE, Ph.D., P.E., D.WRE, F.ASCE</td>
<td>2012</td>
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Edmund Friedman Young Engineer Award for Professional Achievement

To recognize the professional contributions of younger members of the Society, Edmund Friedman, Past President of ASCE, contributed funds to establish the Edmund Friedman Young Engineer Award for Professional Achievement. The Award was officially instituted by action of the Executive Committee of the ASCE Board of Direction in October 1972.

I. The name of the award is the Edmund Friedman Young Engineer Award for Professional Achievement.
II. This recognition may be awarded annually to Affiliate Members, Associate Members, or Members of the American Society of Civil Engineers who are 35 years of age or less on February 1 in the year of the award and who are judged to have attained significant professional achievement, by the degree to which the candidates have shown:
   a. Service to the advancement of the profession;
   b. Evidence of technical competence, high character and integrity;
   c. Leadership in the development of younger member attitudes toward the profession;
   d. Contributions to public service outside of their professional career;
   e. Other evidence of merit, which in the judgment of the award committee shall have advanced the Society’s objectives.
   f. Engineering Intern (E.I.), Engineer-In-Training (E.I.T.), or Professional Engineer (P.E.) is required of all candidates.

III. The award shall be made each year when, in the judgment of the award committee, a sufficient number of suitable candidates are available. No more than five recipients will be named in any year, and no recipient may receive the award more than once.

IV. An individual, or group of individuals, may submit nominations, in writing, for these awards. They are encouraged to submit the nominations with the endorsement of the Section or Branch President. Nominations may also originate in the award committee. These nominations shall be submitted to the Honors and Awards program office by February 1 of each year for referral to the Committee on Younger Members. The Committee will then submit its recommendations, if any, to the ASCE Executive Committee for final action.

V. Meritorious nominees not selected in a given year, may be held over at the discretion of the award committee for consideration the following year, provided the nominee is still eligible under Rules II and III.

VI. Deceased persons are not eligible for nomination for the award, although an award can be made posthumously to a nominee whose petition had reached the award committee during their lifetime.

VII. The award, to be presented at an appropriate meeting of the Society, shall consist of a certificate inscribed with the name of the recipient and the circumstances of the award and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

VIII. Active voting members of CYM shall not be eligible for the award. Corresponding Members of CYM are eligible.

To nominate for this award, submit the following as a single pdf on CD (one CD per nomination):
   A cover letter, signed by the nominator
   An application checklist
   An Official Award Nomination form
   An Edmund Friedman Young Engineer Award for Professional Achievement Nomination form, endorsed by the Section or Branch President
   The nominee’s CV or biographical information
   Two or three letters of recommendation

Nomination packages must be submitted postmarked by February 1 and submitted to the Honors and Awards Program at the ASCE Headquarters, 1801 Alexander Bell Drive, Reston, VA 20191-4382.

Awards have been made as follows:

Samuel Arnold Greeley Award

The Samuel Arnold Greeley Award was instituted in 1968 by the Sanitary Engineering Division (now the Environmental and Water Resources Institute) of the American Society of Civil Engineers, and is endowed by professional associates of Samuel A. Greeley, Past Director and Hon.M.ASCE. The award is made in accordance with the rules of the Society and the following rules:

I. All original papers dealing with the design, construction, operation or financing of water supply, pollution control, storm drainage or solid waste collection and disposal facilities published in a print issue of an ASCE journal in the twelve-month period ending with June of the year preceding the year of award are eligible.

II. The award may be made annually to the author(s) of the paper that makes the most valuable contribution to the environmental engineering profession. An individual author must be an ASCE member engaged as a principal or employee in the private practice of environmental engineering. In the case of two authors, one must be an ASCE member engaged as principal or employee in the private practice of environmental engineering. If there are more than two authors, a majority of the authors must be ASCE members engaged as principals or employees in the private practice of environmental engineering.

III. The eligible papers will be reviewed by a committee of the Environmental and Water Resources Institute, which selects a nominee for final action by the Executive Committee of the ASCE Board of Direction.

IV. The lead author shall receive an appropriate plaque and a cash prize determined annually by and subject to the approval of the Executive Committee of the Board of Direction, with the advice of the Governing Board of the Environmental and Water Resources Institute, based on the income from the award fund. All other recipients shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:

2007 KEITH C. K. LAI, M.ASCE; IRENE M.C. LO, Ph.D., M.ASCE; VIBEKE L. BIRKELUND, Aff.M.ASCE; and PETER KJELDSEN, Aff.M.ASCE

2008 JEFFREY D. WEISS A.M.ASCE; MIKI HONDZO, Ph.D., A.M.ASCE; and MICHAEL SEMMENS, Ph.D., P.E., M.ASCE

2009 BRUCE I. DVORAK, Ph.D., P.E., M.ASCE; MATTHEW MORLEY, Ph.D., P.E., M.ASCE; and PATRICK DENNING, P.E.

2011 BRIAN P. CHAPLIN, Ph.D.; MATTHEW R. SCHNOBRICH; MARK A. WIDDOWSON, Ph.D., P.E., M.ASCE; MICHAEL J. SEMMENS, Ph.D., P.E.; and PAIGE J. NOVAK, Ph.D., P.E., M.ASCE

2012 TZAI-TANG TSAI, C.ENG., AFF.ASCE; CHIH-MING KAO, Ph.D., P.E., F.ASCE; RAO Y. SURAMPALLI, Ph.D., P.E., Dist. M.ASCE; WEN-YEN HUANG, Ph.D., AFF.ASCE; and J. P. RAO

Daniel W. Halpin Award for Scholarship in Construction

The Daniel W. Halpin Award for Scholarship in Construction was established by the Board of Direction on January 18, 2011 to recognize individuals who have demonstrated outstanding scholarship that advances construction engineering as a science. It was named in honor of Daniel W. Halpin, Ph.D., Dist.M.ASCE recognized as one of the leading authorities in the world on the use of simulation in studying construction processes. The award is administered by the Construction Institute through the Honors and Awards Program.

I. The name of the award is the Daniel W. Halpin Award for Scholarship in Construction.
II. The award may be made annually to a member of ASCE or the Construction Institute who has demonstrated outstanding scholarship that advances construction engineering as a science.

III. The member must have attained a doctoral degree within the ten-year period ending on the submission deadline for the award.

IV. If the nominee is a faculty member, the award must be based on the nominee’s independent contributions—i.e., the nominee must have been primarily responsible for the scholarly activity.

V. Scholarship is defined as scholarly activity that advances the state of the art, and includes (but is not limited to):
   a. The creation and dissemination of original knowledge
   b. Development of teaching materials such as books, etc.
   c. Mentoring and pedagogical activities

VI. Nominations will be considered by the Construction Institute’s Awards Committee. Its recommendation will be made to the Construction Institute’s Board of Directors and subsequently ratified by the Executive Committee of the ASCE Board of Direction.

VII. Self-nominations will not be accepted.

VIII. Nominees not selected in a given year will be held over for consideration through the next selection cycle, provided the candidate is eligible under Rule III. At the end of the second cycle, nominees not chosen will no longer be eligible for consideration, except that nominators who wish for their candidate to be considered for another two-cycle period must produce a new nomination package.

IX. The award consists of a certificate and cash prize determined annually by and subject to the approval of the Executive Committee of the Board of Direction based on the income from the award endowment.

X. The award recipient may be invited to present a Daniel W. Halpin Scholarship in Construction Address at an appropriate meeting of the Society.

XI. Only one person shall receive the award in any year, and an awardee may receive the honor only once.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

2012 VINEET R. KAMAT, Ph.D., M.ASCE
2013 GUNNAR LUCKO, Ph.D., A.M.ASCE

Shortridge Hardesty Award

This award was instituted in 1987 by the firm of Hardesty & Hanover to honor the contributions of Shortridge Hardesty as first chair of the Column Research Council (Structural Stability Research Council since 1976). The CRC was organized under the Engineering Foundation in 1944 at the recommendation of the ASCE Committee on Design of Structural Members and with the approval of the Structural Engineering Institute Executive Committee. The award is made in accordance with the policies of the Society and the following specific rules:

I. The Shortridge Hardesty Award is to be awarded annually to an individual (or individuals if recommended) who has contributed substantially in applying fundamental results of research to solution of practical engineering problems in the field of structural stability.

II. The award shall be based on a paper published in either the ASCE Structural Engineering Journal (July-June), or the Proceedings of the Structural Stability Research Council (latest available), or upon any other effective contribution in the form of personal efforts and achievements.

III. No one shall be eligible to receive the Award, or a portion of the award, more than once.

IV. From 1 to 3 recommendations for the Award shall be made by the SEI Committee on Structural Members to the SEI Awards Committee, and the SEI Technical Activities Division Executive Committee will recommend action by the ASCE Executive Committee.

V. The awardee or awardees must be an individual or individuals holding any grade of membership in ASCE.

VI. The award shall consist of a suitably inscribed certificate and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.
Recipients who are not the lead author shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

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<tr>
<th>Year</th>
<th>Name 1</th>
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<th>Name 3</th>
<th>Name 4</th>
<th>Name 5</th>
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<tbody>
<tr>
<td>2009</td>
<td>JEROME F. HAJJAR, Ph.D., P.E., F.ASCE</td>
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<tr>
<td>2010</td>
<td>DINAR R. Z. CAMOTIM, Ph.D., M.ASCE</td>
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<tr>
<td>2011</td>
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<td>MARK A. BRADFORD, Ph.D., P.E., M.ASCE</td>
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<td>2012</td>
<td>JEFFREY A. PACKER, Ph.D., F.ASCE</td>
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<tr>
<td>2013</td>
<td>RONALD D. ZIEMIAN, Ph.D., P.E., M.ASCE</td>
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**Rudolph Hering Medal**

The Rudolph Hering Medal was instituted and endowed in 1924 by the Sanitary Engineering Division (now the Environmental and Water Resources Institute) of the American Society of Civil Engineers, in honor of Rudolph Hering, past Vice President of the Society.

I. The prize may be awarded annually and shall consist of a bronze medal and cash prize determined annually by and subject to the approval of the Executive Committee of the Board of Direction, with the advice of the Governing Board of the Environmental and Water Resources Institute, based on the income from the award fund.

The lead author shall receive the medal and cash prize. All other recipients shall receive only a certificate.

II. All original papers authored or co-authored by ASCE members dealing with water works, sewerage works, drainage, refuse collection and disposal, or any branch of environmental engineering which are presented to the Society, in finished form, whether presented to the Environmental and Water Resources Institute or otherwise, are open to the award, provided that such papers have not been previously contributed or published elsewhere. Papers published in a print issue of an ASCE journal in the twelve-month period ending with June of the year preceding the year of award are eligible.

III. The Medal is awarded to the author, or authors, of the paper which contains the most valuable contribution to the increase of knowledge in, and to the advancement of, the environmental branch of the engineering profession.

IV. In any year when the excellence of more than one paper justifies it, the prize committee may designate a “second order of merit.” A paper so recognized is considered eligible to compete in the award for the next year. When a recipient is selected, the selection committee shall also notify the Honors and Awards Program office, in writing, the nominees designated to be reconsidered in the next award cycle.

V. The Award Committee shall consist of three members of the Environmental and Water Resources Institute appointed by the Governing Board, whose duty shall be to recommend nominations for action by the Executive Committee of the ASCE Board of Direction.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:

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<th>Year</th>
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<th>Name 3</th>
<th>Name 4</th>
<th>Name 5</th>
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<tr>
<td>2008</td>
<td>MAUSAM VERMA, Ph.D., S.M.ASCE; SATINDER BRAR, Ph.D., S.M.ASCE; JEAN-FRANCOIS BLAIS, Ph.D., M.ASCE; RAJESHWAR D. TYAGI, Ph.D., M.ASCE; and RAO Y. SURAMPALLI, Ph.D., P.E., F.ASCE</td>
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<td>2009</td>
<td>KAREN L. ENDRES; ALEX MAYER, Ph.D., P.E., M.ASCE; and DAVID W. HAND, Ph.D.</td>
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<td>2010</td>
<td>SYBIL E. SHARVELLE, Ph.D., A.M.ASCE; MAZDAK ARABI, Ph.D., A.M.ASCE; ERIC S. McLAMORE, Ph.D., S.M.ASCE; and M. KATHERINE BANKS, Ph.D., P.E., F.ASCE</td>
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<tr>
<td>2012</td>
<td>ERIN N. KALLMAN, M.ASCE; VINKA A. OYANDEL-CRAVER, AFF.M.ASCE; and JAMES A. SMITH, M.ASCE</td>
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<tr>
<td>2013</td>
<td>SUBBU-SRIKANTH PATHAPATI and JOHN J. SANSALONE, P.E., M.ASCE</td>
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**Karl Emil Hilgard Hydraulic Prize**

This prize was instituted in 1939 as a result of an endowment left to the Society for the purpose by Karl Emil Hilgard, M.ASCE.
I. The award is given to the author, or authors, of that paper which is judged to be of superior merit, dealing with a problem of flowing water, either in theory or practice. Preferably, the award is given to a paper that is not otherwise recognized by receiving another Society prize. The value of the paper is judged both on the basis of the subject matter and the method of presentation.

II. Papers published in a print issue of an ASCE journal during the twelve-month period ending with June of the year preceding the year of award are eligible.

III. Membership in the Society is not a requirement for consideration.

IV. The prize is presented annually, except that no award is given in a year in which a suitable candidate cannot be found.

V. In any year when the excellence of more than one paper justifies it, the prize committee may designate a "second order of merit." A paper so recognized is considered eligible to compete in the award for the next year. When a recipient is selected, the selection committee shall also notify the Honors and Awards Program office, in writing, the nominees designated to be reconsidered in the next award cycle.

VI. The Hydraulics and Waterways Council Awards Committee shall recommend a winner to the EWRI Awards Committee, which shall seek approval from the Governing Board of the Environmental and Water Resources Institute. The Governing Board of the Environmental and Water Resources Institute shall submit their recommendation to the Executive Committee of the ASCE Board of Direction for final approval.

VII. The prize consists of a wall plaque. The lead author shall receive the plaque. All other authors shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:

2009 VOLKER WEITBRECHT, Dr.Ing.; SCOTT SOCOLOFSKY, Ph.D., M.ASCE; and GERHARD JIRKA, Ph.D., P.E., F.ASCE

2010 ALAN J.S. CUTHBERTSON, Ph.D.; DAVID D. APSLEY, Ph.D.; PETER A. DAVIES, Ph.D.; GIORDANO LIPARI, Ph.D.; and PETER K. STANSBY, Ph.D.

2011 GOKHAN KIRKIL, Ph.D., A.M.ASCE; GEORGE S. CONSTANTINESCU, Ph.D., M.ASCE; and ROBERT ETTEMA, Ph.D., P.E., M.ASCE

2012 THORSTEN STOESSER, Ph.D., M.ASCE; SU JIN KIM; and PANAYIOTIS DIPLAS, Ph.D., M. ASCE

2013 ADRIAN C.H. LAI, Ph.D.; DAEYOUNG YU, Ph.D.; and JOSEPH H.W. LEE, Ph.D., P.E., F.ASCE

Julian Hinds Award

The Julian Hinds Award was endowed in 1974 by John R. Kiely, F.ASCE, in recognition of the outstanding professional contributions of Julian Hinds, Hon.M.ASCE. The award was established by the Board of Direction in 1974.

I. The award is to be made annually to the author(s) of that paper which is judged to be the most meritorious contribution to the field of water resources development such as multi-purpose water projects for irrigation, flood control, municipal and industrial water, hydroelectric power or any combination thereof. The award can also be made to an individual for notable performance, long years of distinguished service, or specific actions that have served to advance engineering in the field of planning, development, and management of water resources.

II. To be eligible papers must have been published in a print issue of an ASCE journal during the twelve-month period ending with June of the year preceding the year of the award.

III. Only an individual holding any grade of membership in the American Society of Civil Engineers is eligible for the Award. In the case of papers written by more than one person, at least one author must be a member of ASCE.

IV. The Award Committee shall be the Awards Committee of the Environmental and Water Resources Institute which shall recommend a recipient or recipients if any to the Executive Committee of the ASCE Board of Direction for approval.
V. The Award shall consist of a wall plaque and a cash prize determined annually by and subject to the approval of the Executive Committee of the Board of Direction based on the income from the award endowment. The lead author shall receive the plaque and cash prize. All other authors shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:

2009  RICHARD M. VOGEL, Ph.D., M.ASCE  2012  JAMES P. HEANEY, Ph.D., P.E., D.WRE, M.ASCE
2010  PETER P. ROGERS, Ph.D., M.ASCE  2013  WALTER M. GRAYMAN, Ph.D., P.E., D.WRE, M.ASCE
2011  JAY R. LUND, Ph.D., M.ASCE       2013  WALTER M. GRAYMAN, Ph.D., P.E., D.WRE, M.ASCE

Civil Engineering History and Heritage Award

To recognize those persons who through their writing, research or other efforts have made outstanding contributions toward a better knowledge of, or appreciation of, the history and heritage of civil engineering, Trent R. Dames, F.ASCE, Past Vice President of ASCE, and member of the first Committee on History and Heritage of American Civil Engineering, and his wife, Phoebe L. Dames, contributed funds, the annual income of which is to be used for a Civil Engineering History and Heritage Award. The Award was officially instituted by action of the Board of Direction in October 1966.

I. The name of the award is the Civil Engineering History and Heritage Award.

II. The award is made to recognize the recipient’s or in exceptional cases, not more than two recipients’, contribution/s toward a better knowledge of, or appreciation of, the history and heritage of civil engineering.

III. The award is not restricted to members of the Society.

IV. The award may be made annually and may not be made to the same person more than once.

V. Posthumous awards will not be made, except if the nomination was submitted before the nominee’s death.

VI. Nominations should be submitted to the Honors and Awards program office before November 1 for consideration by the History and Heritage Committee. Any person (or organization) may submit a nomination, however submittal of the nomination through the Section Committee on History and Heritage, which has jurisdiction over the locale in which the nominee resides, is encouraged. Nominations may also originate within the Heritage Committee.

VII. The Committee on History and Heritage of American Civil Engineering shall recommend the recipient or recipients, if any, to the Executive Committee of the ASCE Board of Direction for final action.

VIII. The award shall consist of a plaque and honorarium determined annually by and subject to approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

IX. The award is normally presented at the Society’s Annual Conference.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2010  DONALD SAYENGA
2012  AUGUSTINE J. FREDRICH, P.E., D.WRE, F.ASCE
2013  RAYMOND P. GIROUX, M.ASCE

Phillip R. Hoffman Award

This award was officially instituted by action of the Board of Direction in October 1987 through the generosity of Nevenka Hoffman, widow of Phillip R. Hoffman.

Mr. Hoffman, who received the Rickey Medal in 1981, was associated with the Los Angeles Department of Water and Power for many years. He had special interest in the design and development of
hydroelectric generation-pumped storage. It is hoped that this memorial award will encourage others
to concern themselves with this field.

I. The award may be made annually to an engineer who has made a definite contribution to the field
of hydroelectric generation-pumped storage. Membership in the Society is not a requirement for
consideration. The contribution can be in the form of a published paper or performance in the
field.

II. The Executive Committee of the Energy Division shall recommend the recipient, or recipients in
the case of a joint effort, to the Executive Committee of the ASCE Board of Direction for final
action.

III. The award shall consist of a plaque.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the
ASCE Headquarters by November 1.

Awards have been made as follows:
2001 DAVID E. KLEINER, P.E.

Wesley W. Horner Award

The Wesley W. Horner Award was instituted in 1968 by the Sanitary Engineering Division (now the
Environmental and Water Resources Institute) of the American Society of Civil Engineers, and is
endowed by Horner Shifrin, Inc. and the family of Wesley W. Horner, Past President of the Society.
The Award is made in accordance with the rules of the Society and the following rules:

I. All papers dealing with hydrology, urban drainage, or sewerage that are published in a print issue
of an ASCE journal in the twelve-month period ending with June of the preceding year of award
are eligible.

II. The eligible papers will be reviewed by a committee of the Environmental and Water Resources
Institute, which shall select a nominee for final action by the Executive Committee of the ASCE
Board of Direction.

III. The award may be made to the author(s) of the paper that makes the most valuable contribution
to the environmental engineering profession, with preference given to those authors who are in
the private practice of engineering.

IV. Membership in the Society is not a requirement for consideration.

V. The award shall consist of a plaque and cash prize determined annually by and subject to the
approval of the Executive Committee of the Board of Direction, with the advice of the Governing
Board of the Environmental and Water Resources Institute, based on the income from the award
fund. The lead author shall receive the plaque and cash prize. All other authors shall receive only
a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the
ASCE Headquarters by October 1.

Awards have been made as follows:
2008 CHIN-PAO HUANG, Ph.D., P.E., M.ASCE; SAMUEL P. MYODA
2009 KEITH C. K. LAI, Ph.D., A.M.ASCE and IRENE M.C. LO, Ph.D., M.ASCE
2010 MARCELO CERUCCI, Ph.D., A.M.ASCE and GOPI K. JALIGAMA, P.E., A.M.ASCE
2012 DAVIDE MOTTA; JORGE D. ABAD; and MARCELO H. GARCIA, Ph.D., M.ASCE
2013 ROOPA KAMATH; JOHN A. CONNOR; TOM E. McHUGH; AUDRA NEMIR, M.
PHUONG LE, and A. J. RYAN

George W. Housner Structural Control and Monitoring Medal

This medal is named for George W. Housner, Ph.D., M.ASCE who was a Professor at the California
Institute of Technology and who is known for pioneering contributions to the field of structural control
and monitoring of civil infrastructure systems. The medal was established by action of the Society on
July 29, 2011.

I. The medal may be awarded annually to one individual in recognition of
outstanding research contributions to the broad field of structural control and health monitoring.

II. Membership in the Society is not a consideration for this award.
III. The Awards Committee of the Engineering Mechanics Institute shall recommend for EMI Board approval the name of the recommended winner. With EMI Board approval the recommendation shall be presented to the Executive Committee for final action.

IV. The medal will be presented at the Engineering Mechanics Institute Annual Conference, ASCE Annual Conference, or a mechanics conference co-sponsored by the Society.

V. No one shall receive the medal more than once.

VI. The award shall consist of a medal.

VII. The year of first award shall by 2012.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2012  SAMI F. MASRI, Ph.D., M.ASCE
2013  TSU T. SOONG, Ph.D., PE.

Ernest E. Howard Award

This award was instituted and endowed in 1954 by Mrs. Howard in honor of her husband, Ernest E. Howard, Past President, ASCE.

I. The award is known as the Ernest E. Howard Award.

II. The award is made annually to a member of the American Society of Civil Engineers who has made a definite contribution to the advancement of structural engineering, either in research, planning, design or construction, including methods and materials, these contributions being made either in the form of a paper or other written presentation, or through notable performance or specific actions which have served to advance structural engineering.

III. Not more than one award is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one person, such as joint authorship of a paper. In such cases duplicate or multiple prizes are tendered, provided that the balance then available in the award fund is adequate for the purpose.

IV. The annual recommendation of the recipient shall be made by the Committee on the Ernest E. Howard Award to the Executive Committee. This Committee shall consist of three members who shall have overlapping terms of service of three years. The chair is the member who, at the time of appointment, is chair of the Committee on Technical Advancement. The other two members are, at the time of appointment, the chairs who have most recently retired from the Structural Engineering Institute Awards Committee and the Board of Directors of the Construction Institute.

V. The Committee on the Ernest E. Howard Award may also designate “second and third order of merit” nominees. These candidates will be reconsidered by the Committee for the next two years. When a recipient is selected, the selection committee shall also notify the Honors and Awards Program office, in writing, the nominees designated to be reconsidered in the next award cycle. Other remaining candidates will be reconsidered only if respunonded after a five-year waiting period.

VI. The award consists of a gold-plated medal and a cash honorarium determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Directors based on the income from the award endowment.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009  THOMAS M. MURRAY, Ph.D., P.E., F.ASCE, NAE
2010  CHARLES W. ROEDER, Ph.D., P.E., M.ASCE
2011  RAYMOND J. MCCABE, P.E., M.ASCE
2012  HELMUT KRAWINKLER, Ph.D., M.ASCE
2013  MASAYOSHI NAKASHIMA, Ph.D., M.ASCE
HONORS AND AWARDS

Walter L. Huber Civil Engineering Research Prizes

In July 1946, the Board of Direction authorized annual awards on recommendation by the Society’s Committee on Research, to stimulate research in civil engineering. In October 1964, Mrs. Alberta Reed Huber endowed these prizes in honor of her husband, Walter L. Huber, Past President, ASCE.

I. Research Prizes are to be awarded to members of the Society in any grade for notable achievements in research related to civil engineering. Preference shall be given to younger members (40 years of age or younger) of early accomplishment who can be expected to continue fruitful careers in research. No one shall receive a Research Prize more than once.

II. Nominations may be submitted by anyone and must be sent directly to the Honors and Awards Program office by October 1. The Honors and Awards Program office will transmit nominations to the appropriate ASCE Organizational Entity.
   a. Nominations sent to the Honors and Awards Program office by October 1 will be transmitted to the appropriate ASCE Organizational Entity.
   b. Each ASCE Organizational Entity may recommend for review by the Huber Selection Committee up to three candidates. Documentation shall be limited to ten pages plus the candidate nomination form.
   c. Only those candidate nominations received by the ASCE Organizational Entity by January 15 will be considered by the Committee on Technical Advancement (CTA) Awards Committee on the Walter L. Huber Civil Engineering Research Prizes.

III. The CTA Awards Committee on the Walter L. Huber Civil Engineering Research Prizes shall review the ASCE Organizational Entity endorsed candidates and make recommendations to the Executive Committee of the ASCE Board of Direction. The Award Committee shall be composed of two representatives from CTA and representatives from each Institute as designated by CTA and each Institute. Members shall serve three-year overlapping terms. The chair shall be the senior CTA member. To the extent possible, the Committee shall include both practitioners and educators.

IV. Each award shall consist of a suitable certificate and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

V. Each year, the number of prizes shall not exceed five. The Award Committee shall present its nominations for final action by the Executive Committee of the ASCE Board of Direction.

To nominate for this award, follow the outline on Honors and Awards, and include the Huber form downloaded from the Web at http://www.asce.org/awards. Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:

2009 TAREK H. ABDOUN, Ph.D., M.ASCE; LORI GRAHAM-BRADY, Ph.D., M.ASCE; GREGORY V. LOWRY, Ph.D., M.ASCE; SRINIVAS PEETA, Ph.D., M.ASCE; and ERIC B. WILLIAMSON, Ph.D., P.E., M.ASCE

2010 KARA M. KOCKELMAN, Ph.D., P.E., M.ASCE; GUSTAVO J. PARRA-MONTESINOS, Ph.D., A.M.ASCE; ELLEN M. RATHIE, Ph.D., P.E., M.ASCE; BENJAMIN W. SCHAFER, Ph.D., P.E., M.ASCE; and THORSTEN WAGENER, Ph.D., A.M.ASCE

2011 AHMET H. AYDILEK, Ph.D., M.ASCE; CASEY BROWN, Ph.D., P.E., M.ASCE; ERIC M.V. HOEK, Ph.D., A.M.ASCE; ERTUGRUL TACIROGLU, Ph.D., M.ASCE; and W. JASON WEISS, Ph.D., M.ASCE

2012 CHRISTIAN HELLMICH, Ph.D., A.M.ASCE; SCOTT M. OLSON, Ph.D., P.E., M.ASCE; SANTIAGO PUJOL, PhD., A.M.ASCE; PATRICK M. REED, Ph.D., A.M.ASCE and JULIE B. ZIMMERMAN, Ph.D., M.ASCE

2013 JASON T. DeJONG, Ph.D., M.ASCE; LAURIE A. GARROW, Ph.D., M.ASCE; JAEHONG KIM, Ph.D., A.M.ASCE; KIMBERLY KURTIS, Ph.D., A.M.ASCE; and PATRICK J. LYNNETT, Ph.D., M.ASCE

Hydraulic Structures Medal

The Hydraulic Structures Medal was instituted in 1983 by Fred. W. Blaisdell, F.ASCE, to honor the contributions of Melvin M. Culp, M.ASCE, and William O. Ree, F.ASCE, for their conception and development of generalized procedures for the design and application of hydraulic structures, and for their exemplary ethical and professional standards. The Medal was endowed by additional gifts from friends and professional associates.
I. The award will be given without restrictions as to Society membership.

II. The award shall consist of a gold-plated medal and cash prize determined annually by and subject to the approval of the Executive Committee of the Board of Direction, with the advice of the Governing Board of the Environmental and Water Resources Institute, based on the income from the award fund.

III. The award may be made annually to an individual for significant contributions to the advancement of the art and science of hydraulic engineering as applied to hydraulic structures. The selection committee may consider a candidate’s papers published in the Society’s technical journals, innovative application of hydraulic principles, individual achievements, or distinguished or meritorious service. A contribution of fundamental principles or design criteria having general application to multiple structures and usefulness over wide geographical areas is given preferred consideration over a contribution specific to a single structure or limited area. In the case of a paper, the coverage and presentation shall be sufficiently complete that the subject matter can be readily and confidently applied in practice. The subject matter must completely cover a complete structure or a complete element of a structure. Theoretical and mathematical models must be verified by physical models or physical data. Clarity of expression, readability, and form of presentation are also considered.

IV. The award is presented at a national meeting of the Environmental and Water Resources Institute.

V. Responsibility for nominations and recommendation of the winner (or winners) of the Hydraulic Structures Medal is vested in the Environmental and Water Resources Institute, who shall make their recommendation by February 15 of each year for ratification by the Executive Committee of the ASCE Board of Direction.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:

2009 DUNCAN HAY, P.E., A.M.ASCE
2010 CHARLES C.S. SONG, Ph.D., P.E., M.ASCE
2011 MAHADEVAN PADMANABHAN, Ph.D., P.E., M.ASCE
2012 RICHARD L. STOCKSTILL, Ph.D., P.E., F.ASCE
2013 CLIFFORD A. PUGH, P.E., M.ASCE

Innovation in Sustainable Engineering Award

This award was established in May 1981 as the Innovation in Civil Engineering Award through an endowment by Arsham Amirikian, Hon.M.ASCE and member of the National Academy of Engineering. In 2010, the award was renamed the Innovation in Sustainable Civil Engineering Award.

I. The award is known as the Innovation in Sustainable Engineering Award.

II. The award may be made annually to a civil engineering project in recognition of creativity in the form of innovative sustainability. Projects may be any that demonstrate innovation in sustainability.

III. To be eligible for consideration, projects must, first and foremost, demonstrate adherence to the principles of economic, social and environmental sustainability. Projects developed or implemented in the six-year period preceding the year of award and not a candidate for the Outstanding Civil Engineering Achievement (OCEA) Award are eligible.

IV. The criteria used to evaluate projects are: (a) the extent to which innovative design or construction methods improve economic, social and environmental sustainability; (b) the promise shown by the innovation to extend future developments in sustainability; (c) the degree to which the project extends public understanding of sustainability in construction.

V. Entries for the award should include a rationale statement describing how the project exemplifies the economic, social and environmental principles of sustainability, the merits and title of the project, a clear description of the innovation in sustainability, the anticipated advantages to be obtained, and a statement of how the sustainable project met the client’s needs.

VI. Each nomination shall also include:
   a. Designer’s and client’s names and contact information;
   b. The names of others who collaborated and to what extent they collaborated.
VII. The recipient of this award shall be recommended by the Committee on Sustainability to the Executive Committee for final approval. Entries not selected to receive the award may be carried over for reconsideration in the following year provided they remain eligible within the six-year completion period.

VIII. The award shall consist of a trophy.

IX. The descriptive text of the winning project will be transmitted to Civil Engineering magazine for possible editorial treatment.

To nominate, in addition to items in V and VI above, the following:
- A cover letter, signed by the nominator
- An Innovation in Sustainable Engineering Award nomination form

To nominate for this award, follow the outline above. Nominations should reach the ASCE Headquarters by June 1.

Awards have been made as follows:
- 2011 MENOMONEE VALLEY INDUSTRIAL CENTER AND COMMUNITY PARK
- 2012 GREENLINK WINDSOR TRANSPORTATION LAND USE PLANNING
- 2013 CHARI CHARI, BOLIVIA CABLE SUPPORTED FOOTBRIDGE

**International Coastal Engineering Award**

This award was established to provide international recognition for outstanding leadership and development in the field of coastal engineering. This award was endowed in 1977 through personal contributions of coastal engineers throughout the world, most notably the significant contribution of Ing. Mauricio Porraz. The award was officially instituted by the Board of Direction in October 1977.

I. The award may be made annually to an individual who has made a significant contribution to the advancement of coastal engineering in the manner of engineering design, teaching, professional leadership, construction, research, planning, or a combination thereof.

II. Not more than one presentation of the award is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one person. In such cases, duplicate or multiple awards are tendered only if the balance then available in the award fund is adequate for the purpose. No one shall receive the award or a portion thereof more than once.

III. The recipient of the International Coastal Engineering Award is to be chosen from the international community of coastal engineers, without restriction as to nationality or Society membership. The Coastal Engineering Research Council will nominate the recipient of this award and forward their nomination to the Awards Committee of the Coasts, Oceans, Ports, and Rivers Institute (COPRI). The COPRI Awards Committee will ensure that the appropriate process was followed in the selection of the nominee and, when satisfied the appropriate process was followed, will forward the nomination to the COPRI Board of Governors for approval. Final approval shall be the responsibility of the ASCE Executive Committee.

IV. The winner shall receive a plaque and an honorarium that will be established annually by the Executive Committee of the Board of Direction on the basis of a review of the annual income from the award fund. In the case of a joint award, the lead recipient shall receive the plaque and cash prize. All other winners shall receive only a certificate.

V. In even-numbered years the Award will, if possible, be presented at the International Coastal Engineering Conference. In odd-numbered years the Award will be presented at an ASCE national or specialty conference as desired by the recipient.

VI. In the absence of sufficient qualified nominations, the Coastal Engineering Research Council can choose not to make a recommendation in a given year.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:
- 2009 HANS F. BURCHARTH
- 2010 NOBUHISA KOBAYASHI, Ph.D., M.ASCE
- 2011 MIGUEL A. LOSADA RODRIGUEZ, Ph.D., M.ASCE
- 2012 SHIGEO TAKEAHASHI, Ph.D., D.CE
- 2013 DONALD T. RESIO, Ph.D., M.ASCE
### Martin S. Kapp Foundation Engineering Award

The Martin S. Kapp Foundation Engineering Award is a memorial in recognition of the outstanding professional accomplishments of Martin S. Kapp, F.ASCE. The award is supported by the income from a fund contributed by the friends and professional associates of Mr. Kapp. The award was established by the Board of Direction in April, 1973.

I. The Martin S. Kapp Foundation Engineering Award will be given to an individual on the basis of the best example of innovative or outstanding design or construction of foundations, earthworks, retaining structures, or underground construction. Emphasis shall be placed on constructed works where serious difficulties were overcome or where substantial economies were achieved. The example shall have been described in published form available to the entire engineering community.

II. Not more than one award of the prize is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one person, such as the joint authorship of a paper. No one shall receive the honor, or any portion thereof, more than once.

III. The award is not restricted to members of the Society.

IV. The recipient of the Award, if any, will be submitted to the ASCE Executive Committee by the Geo-Institute Board of Governors.

V. The award consists of a plaque and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

In the case of a joint effort, the lead recipient shall receive the plaque and cash prize. All other recipients shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by August 15.

Awards have been made as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>DAN A. BROWN</td>
<td>Ph.D., P.E.</td>
<td>M.ASCE</td>
</tr>
<tr>
<td>2010</td>
<td>DOV LESHCHINSKY</td>
<td>Ph.D., M.ASCE</td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td>JERRY A. DIMAGGIO</td>
<td>P.E., D.GE</td>
<td>M.ASCE</td>
</tr>
<tr>
<td>2012</td>
<td>ARTURO L. RESSI DI CERVIA</td>
<td>Ph.D., D.GE</td>
<td>M.ASCE</td>
</tr>
<tr>
<td>2013</td>
<td>RAYMOND E. SANDIFORD</td>
<td>P.E., F.ASCE</td>
<td></td>
</tr>
</tbody>
</table>

### James Laurie Prize

The James Laurie Prize was established by the Society on October 1, 1912, and is named in honor of the first President of the Society. In the period from 1912 through 1965, the Prize was awarded under the rules for the Thomas Fitch Rowland Prize for the paper judged to be next in order of merit. By action of the Board of Direction in October 1964, the Prize is now awarded on the basis of contributions to the advancement of transportation engineering. It is administered by the Transportation and Development Institute through the Honors and Awards Program.

I. The award is made annually to a member of the Society who has made a definite contribution to the advancement of transportation engineering, in research, planning, design, or construction. The contribution may have been made either in the form of papers or other written presentation, or through specific actions that have served to advance transportation engineering.

II. Not more than one award of the prize is made each year unless the achievement upon which the award is based is considered to be the joint contribution of more than one person, such as joint authorship of a paper. No one shall receive the honor more than once.

III. Each Section and Branch and each Technical Council of the Transportation & Development Institute of ASCE (T&DI) is entitled to enter the name of one nominee annually. These names, and supporting documents, will be referred to the judging committee.

IV. The Awards Committee of T&DI reviews nominations presented by the Honors and Awards program and recommends to the Board of Governors of T&DI the recipient, if any, for final action by the Executive Committee of the ASCE Board of Direction.

V. Nominees not selected in a given year may be held over for consideration by the Awards Committee of the T&DI, with approval from the Board of Governors of T&DI. The names of these nominees will be conveyed to the Honors and Award program office.
VI. The award consists of a plaque. Award winners who are not the lead recipient shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009  FRED L. MANNERING, Ph.D., M.ASCE
2010  EVA LERNER-LAM, M.ASCE
2011  KUMARES C. SINHA, Ph.D., P.E., Hon.M.ASCE, NAE
2012  ZHANMIN ZHANG, Ph.D., A.M.ASCE
2013  EDWARD L. GERVAIS, P.E., F.ASCE

Walter LeFevre Award

This award is named for Walter LeFevre, Ph.D., P.E., Hon.M.ASCE who endowed this award to recognize actions in promoting licensure, ethics and professionalism. The award was established by action of the Society in 2007.

I. The award may be made annually to the program at an academic institution that offers an EAC of ABET accredited civil or related undergraduate engineering program.

II. Membership in the Society is not a consideration for this award.

III. The Committee on Education (COE) shall recommend to the Executive Committee the recipient of the award based on its evaluation of the nominations presented. Multi-year recipients shall show continued improvement and incremental achievement.

IV. Two awards may be given annually. One award category shall be for programs with greater than fifty (50) graduates (large programs) and the second award category shall be for programs with fifty (50) or fewer graduates (small programs).

V. Criteria for the award shall include, each weighing equally: a) the percent of graduates (minimum 60% to apply) in a particular Academic Year who took the FE while enrolled in the program, b) the percent of those graduates (from 4a above) who passed the exam while enrolled in the program, c) the percent of eligible faculty who are licensed in a US jurisdiction, and d) a not-to-exceed-two page subjective, narrative evaluation detailing the extent of the curricula devoted to licensures, ethics and professionalism and activities undertaken by the Department to promote these topics to include improvement from previous Academic Years. Data to substantiate the narrative evaluation shall be provided with the application.

VI. The Award consists of a crystal award. Up to two (2) Honorable Mention awards per category, consisting of a plaque, may be presented to other deserving programs.

VII. Past recipients of the Walter LeFevre Award shall be eligible to receive the Award multiple times provided the evaluation shows additional performance which justifies receiving the Award again.

VIII. The details of the award-winning program shall be publicized through an article in an ASCE publication.

To apply for this award, completed nomination forms shall be received by the Honors and Awards program at ASCE Headquarters no later than January 15 for the preceding Academic Year.

Awards have been made as follows:

2009  UNITED STATES MILITARY ACADEMY CIVIL ENGINEERING DIVISION (Large Program) and UNIVERSITY OF EVANSVILLE CIVIL ENGINEERING PROGRAM (Small Program)
2010  KANSAS STATE UNIVERSITY ARCHITECTURAL ENGINEERING PROGRAM (Large Program) and UNITED STATES MILITARY ACADEMY CIVIL ENGINEERING DIVISION (Small Program)
2011  UNIVERSITY OF WISCONSIN – MADISON DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING (Large Program); UNIVERSITY OF NEW ORLEANS DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING (Small Program); MONTANA STATE UNIVERSITY CIVIL ENGINEERING PROGRAM (Honorable Mention)
2012  OREGON INSTITUTE OF TECHNOLOGY DEPARTMENT OF CIVIL ENGINEERING (Small Program)
2013 TEXAS A&M UNIVERSITY DEPARTMENT OF CIVIL ENGINEERING (Large Program); UNITED STATES COAST GUARD ACADEMY DEPARTMENT OF CIVIL ENGINEERING (Small Program)

T. Y. Lin Award

The ASCE Prestressed Concrete Award was endowed in 1968 by T. Y. Lin, F.ASCE, to encourage the preparation of meaningful papers in the designated field of endeavor. The award was instituted by the Board of Direction in May 1968. By Board action in October 1969 the name of the award was changed to the “T. Y. Lin Award.” The award is made in accordance with the policies of the Society and the following specific rules:

I. All papers written or co-authored by members of ASCE that deal with prestressed concrete and which are published in a print issue in the twelve-month period ending with June of the year preceding the year of award are eligible. Preference shall be given to papers written by younger authors.

II. The American Concrete Institute and the Prestressed Concrete Institute will each be invited to nominate a single paper selected from their respective publications (which meet the foregoing criteria) for judging along with the single paper selected by the Structural Engineering Institute (SEI) from any ASCE publication.

III. Annually the three papers thus selected will be reviewed by a committee composed of one member each from the American Concrete Institute and the Prestressed Concrete Institute, and one or more members from the SEI—one of whom shall be the chair. This committee shall select a nominee for recommendation to the SEI Board of Governors. Final approval shall be the responsibility of the ASCE Executive Committee.

IV. The leading author shall receive a plaque and a cash prize determined annually by, and subject to the approval of the Executive Committee of the ASCE Board of Direction will be based on the income from the award endowment. All other authors shall receive only a certificate.

Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2008 JOHN J. ROLLER, P.E., M.ASCE; HENRY G. RUSSELL, Ph.D., P.E.; ROBERT N. BRUCE, Ph.D., P.E.
2009 TANYA LUTHI; JEFFREY R. DIEPHUIS, P.E.; JUAN JOSE ICAZA A., A.M.ASCE; JOHN E. BREEN, P.E., F.ASCE; and MICHAEL E. KREGER, P.E., M.ASCE
2011 NABIL AL-OMAISHI, P.E., P.E., M.ASCE; MAHER K. TADROS, Ph.D., P.E., M.ASCE; and STEPHEN J. SEGURANT, P.E., M.ASCE
2012 JOHN J. ROLLER, P.E., S.E., M.ASCE; HENRY G. RUSSELL, S.E.; ROBERT N. BRUCE, JR., P.E.; and WALID R. ALAYWAN, P.E., M.ASCE
2013 GREGORY W. LUCIER, Ph.D., A.M.ASCE; CATRINA WALTER, P.E., M.ASCE; SAMI H. RIZKALLA, Ph.D., P.E., F.ASCE; PAUL Z.T. ZIA, Ph.D., P.E., Dist.M.ASCE, NAE; and GARY J. KLEIN, P.E., M.ASCE

Le Val Lund Practice Award for Lifeline Risk Reduction

This award was established to honor Le Val Lund, Jr., P.E., M.ASCE, a recognized expert on protecting urban lifelines from natural and manmade disasters. The funds for the award were obtained through the solicitation of gifts from his colleagues, admirers and friends. It was instituted by the Board of Direction on October 16, 2012.

I. The award may be made annually to an individual who has made a definite contribution to the practice of reducing risks to lifeline systems and preparing communities for natural and manmade hazards. The recipient shall have demonstrated exemplary professional conduct, personal leadership, and an understanding of the inter-relationship between engineering and social, economic, and political factors in lifeline risk reduction.

II. Lifeline systems include water, power, gas and liquid fuels, communication, transportation, and sewage infrastructure.

III. ASCE members of any grade, except Student members, are eligible for consideration.

IV. Self-nominations are not accepted.
HONORS AND AWARDS

V. Contributions through outstanding performance or specific and noteworthy actions which have served to reduce risks to lifeline systems and prepare communities for natural and manmade hazards are criteria for this award.

VI. Not more than one award may be presented in any given year. No one shall receive the honor more than once.

VII. The award selection committee shall be the Awards Committee of the Technical Council on Lifeline Earthquake Engineering, whose duty shall be to recommend a nominee for formal action by the Executive Committee of the ASCE Board of Direction.

VIII. Nominees not selected in a given year will be held over for consideration through the next selection cycle. At the end of the second cycle, nominees not chosen will no longer be eligible for consideration, except that nominators who wish for their candidate to be considered for another two-cycle period must produce a new nomination package.

IX. The award will consist of a plaque, suitably inscribed with the name of the recipient and the year of award, and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

Orville T. Magoon Sustainable Coasts Award

This award is named for Orville T. Magoon, Dist.M.ASCE, who was employed as a coastal engineer for the US Army Corps of Engineers from 1952 to 1985 and who is well known as an early leader in sustainability and promotion of the concept of sustainability in coastal engineering research, design, construction and management. The award was established by action of the Society on October 8, 2013.

I. The award may be given annually to an individual in recognition of outstanding contributions to sustainable engineering practices in managing shorelines and coastal infrastructure through research, design, construction or management of the natural and built environment in the coastal zone. The award recognizes the balance of coastal values with project needs.

II. Membership in the Society is not a consideration for this award.

III. Not more than one presentation of the award may be made each year.

IV. The award committee shall consist three COPRI members from its coastal committees. The term of each member of the panel of judges shall be three years. The terms shall be staggered to allow for overlapping service. The committee shall be chaired by the committee member who has served for the longest period.

V. The Committee shall review nominations and recommend for COPRI Board approval the name of the recommended winner. With COPRI Board approval, the recommendation is presented to the Executive Committee of ASCE for final action.

VI. No one shall receive the award more than once.

VII. In the absence of sufficient qualified nominations, the Awards Committee of COPRI can choose not to make a recommendation in a given year.

VIII. Nominees not selected in a given year will be held over for consideration through the next selection cycle. At the end of the second cycle, nominees not chosen will no longer be eligible for consideration, except that nominators who wish for their candidate to be considered for another two-cycle period must produce a new nomination package.

IX. The award consists of a trophy.

X. The year of first award of the award shall be 2014.

Frank M. Masters Transportation Engineering Award

The Frank M. Masters Transportation Engineering Award is a memorial to the outstanding professional accomplishments of Frank M. Masters, Hon.M.ASCE. The award is supported by the income from a bequest from Mr. Masters. The award was established by the Board of Direction in November, 1975.

I. The award is given to a member of the Society for the best example of innovative or noteworthy planning, design, or construction of transportation facilities. The example must have been described in published form available to the entire engineering community.

II. Not more than one award of the prize is made each year unless the achievement upon which the award is based is considered to be the joint contribution of more than one person, such as joint authorship of a paper. No one receives the honor, or any portion thereof, more than once.
III. The Awards Committee of T&DI reviews nominations presented by the Honors and Awards program and recommends to the Board of Governors of T&DI the recipient, if any, for final action by the Executive Committee of the ASCE.

IV. Nominees not selected in a given year may be held over for consideration by the Awards Committee of T&DI, with approval from the Board of Governors of T&DI. The names of these nominees will be conveyed to the Honors and Awards program office.

V. The award consists of a medal. Winners who are not the lead recipient shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2005 TIEN F. FWA, Ph.D., P.E., M.ASCE
2008 EDWARD C. SULLIVAN, Ph.D., P.E., M.ASCE
2009 MITSURU SAITO, Ph.D., P.E., F.ASCE
2010 STEPHEN G. RITCHIE, Ph.D., M.ASCE
2011 KELVIN C.P. WANG, Ph.D., P.E., M.ASCE

Daniel W. Mead Prize for Younger Members

The prize was established and endowed in 1939 by Daniel W. Mead, Past President and Honorary Member, ASCE.

I. The Daniel W. Mead Prizes for Younger Members may be awarded annually on the basis of papers on professional ethics. Each year the Committee on Younger Members shall select the specific topics of the contest for the forthcoming year.

II. Younger Members of the Society who are in good standing at the time their papers are submitted are eligible, unless they have previously received the national award for which they are competing. For the purpose of this Prize, Younger Members are defined as Affiliate Members, Associate Members or Members 35 years of age or less on February 1 in the year of the award.

III. Papers for the national contest shall (a) not exceed 2,000 words in length; (b) be written by only one person; and (c) not have previously been published in other than school or Society publications.

IV. Papers shall be judged by the Committee on Younger Members (CYM). The Committee shall select one nominee as the national winner. Certificates of Commendation may be given to other deserving nominees. The nominations, if any, shall be presented to the Executive Committee of the ASCE Board of Direction for approval.

V. The recipients of Certificates of Commendation shall receive an appropriate certificate recognizing their achievements. The national winner shall receive a plaque and cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment. The papers written by the national winners shall be forwarded to an appropriate Society Journal for consideration to print.

VI. Active voting members of CYM shall not be eligible for the award. Corresponding Members of CYM are eligible.

To nominate, submit the following as a single pdf on CD (one CD per nomination):

A cover letter, signed by the nominator
An application checklist
An Official Award Nomination form
A Daniel W. Mead Prize application form, endorsed by the Section or Branch President

The nominated paper

Nomination packages must be postmarked by February 1 and submitted to the Honors and Awards Program at the ASCE Headquarters, 1801 Alexander Bell Drive, Reston, VA 20191-4410.

Awards have been made as follows:

2008 MATTHEW K. SWENTY, P.E., A.M.ASCE
2011 PETER J. JONNA, E.I.T., A.M.ASCE;
BRAD JANSEN, P.E., A.M.ASCE
2009 HOWARD LUBLINER, P.E., A.M.ASCE
2013 JACQUELINE M. WILSON, EI,
A.M.ASCE
2010 PAUL A. VOILES, P.E., PTP, M. ASCE
2011 PETER J. JONNA, E.I.T., A.M.ASCE;
BRAD JANSEN, P.E., A.M.ASCE
(Certificate of Commendation)
Daniel W. Mead Prize for Students

The prize was established and endowed in 1939 by Daniel W. Mead, Past President and Honorary Member, ASCE.

I. The Daniel W. Mead Prize for Students may be awarded annually on the basis of papers on professional ethics. Each year the specific topics (if any) of the contest for the forthcoming year shall be selected by the Committee on Student Members.

II. Members of Student Organizations of the Society who are in good standing at the time their papers are submitted are eligible, unless they have previously received the national award for which they are competing.

III. Papers for the national contest shall (a) be limited to one paper from each Student Organization; (b) be submitted to the Executive Director through the Faculty Advisor by April 1; (c) not exceed 2,000 words in length; (d) be written by only one person; and (e) not have previously been published in other than school or Society publications.

IV. The Committee on Student Members shall review each submission and recommend the top five student papers as Society winners, of which one may be selected as the national winner, for approval by the Executive Committee.

V. Second through fifth place winners shall receive an appropriate certificate recognizing their achievement. The national winner shall receive a certificate and a plaque.

Papers must be submitted electronically by the Faculty Advisor to ASCE Student Services at student@asce.org by March 1.

Awards have been made as follows:

2009 ROSHANI J. PATEL, S.M.ASCE
2010 THOMAS STRUEBEL, S.M.ASCE
2011 CHRISTINE TRUONG, S.M.ASCE
2012 JAY R. PASTOR, S.M.ASCE
2013 AMEETA A. KUNNATH, S.M.ASCE

Henry L. Michel Award for Industry Advancement of Research

The Henry L. Michel Award for Industry Advancement of Research was established in 1996 and is named in honor of Henry L. Michel, Past Chair of the Civil Engineering Research Foundation (CERF) Board of Directors. This annual award is intended to recognize and acknowledge leaders of the design and construction industry whose dedication and aggressive vision for the industry have provided the cornerstones for improving the quality of people’s lives around the world through research in the design and construction industry. It was instituted as a Society Award December 17, 2008.

I. The individual nominated must be a visionary leader whose work has had an impact on research and innovation in the design, construction, and/or environmental community. Not only can prior contributions be considered, but also the nominee’s potential for advancing the industry in the future. The candidates’ future potential can be given as much weight as their past accomplishments.

II. The award is not restricted to members of the Society. The individual selected to receive the award may represent private, academic, or government sectors and their achievements should have had an influence on the design, construction, and/or environmental community. Current ASCE staff is not eligible for nomination.

III. One award may be presented annually, if a suitable candidate is identified who has demonstrated a commitment to increase the awareness and participation of the industry in research and innovation advancement. No more than one award may be given in any one year. No one shall receive the award more than once.

IV. The award committee shall be composed of five members, including the two previous award winners, one representative appointed by the Construction Institute and two representatives appointed by the ASCE Industry Leaders Council. Members shall serve staggered two-year terms. The committee shall be chaired by the senior member appointed by the Industry Leaders Council.

V. The committee shall submit its recommendation to the Executive Committee of the ASCE Board of Director for approval

VI. The submission deadline is June 1.
VII. Nominees not selected in a given year will be held over for consideration through the next cycle. At the end of the second cycle, nominees not selected will no longer be eligible for consideration, except in the instance where nominations are resubmitted, to be considered for another two cycle period.

The award shall consist of a crystal trophy.

Entry Format

All entries should include the following:

- A cover letter, signed by the nominator, including a 250-word rationale statement that describes how the nominee is a visionary leader
- An Official Award Nomination form
- The nominee’s CV or biographical information
- Three letters of recommendation

Nominations are due October 1.

Awards have been made as follows:

2009  VICE ADMIRAL MICHAEL K. LOOSE, P.E., M.ASCE
2010  SAMUEL YEN-LIANG YIN, Ph.D., M.ASCE
2011  PRISCILLA PROVOST NELSON, Ph.D., Dist.M.ASCE
2012  ANTONIO NANNI, Ph.D., F.ASCE
2013  SREENIVAS ALAMPALLI, Ph.D., P.E., F.ASCE

Thomas A. Middlebrooks Award

The Thomas A. Middlebrooks Award, established by the Society in 1955, is a memorial in recognition of the outstanding professional accomplishments of Thomas A. Middlebrooks, A.M.ASCE. This award is supported by the income from a fund contributed by friends of Mr. Middlebrooks.

I. The award is made to the author(s), of a paper published by the Society during the twelve-month period ending with June of the year preceding the year of award which shall be judged worthy of special commendation for its merit as a contribution to geotechnical engineering. No award is made in years in which no paper of suitable merit is published. The papers which receive the Medal and the Croes Medal are not eligible for consideration for this award.

II. The award is not restricted to members of the Society.

III. The nomination of the recipient of the Award is the responsibility of the Governors of the Geo-Institute, which shall recommend to the ASCE Executive Committee for final approval.

IV. The award shall consist of a certificate and cash prize determined annually by and subject to the approval of the Executive Committee of the Board of Direction based on the income from the award endowment. The recipient will be given the option of receiving the award, in part or in whole, in the form of books of his or her own selection. If the winning paper is written by a group, the lead author shall receive the certificate and cash prize. All other authors shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

2009  PATRICK J. FOX, Ph.D., F.ASCE and ROBERT H. KIM
2010  JONATHAN D. BRAY, Ph.D., P.E., F.ASCE; DIMITRIOS ZEKKOS, Ph.D., P.E., M.ASCE; EDWARD KAVAZANJIAN, Ph.D., P.E., D.GE, F.ASCE; GEORGE A. ATHANASOPOULOS, Ph.D., M.ASCE; and MICHAEL F. RIEMER, Ph.D., A.M.ASCE
2011  KIANOOSH HATAMI, Ph.D., P.Eng., M.ASCE; BRIAN GRADY, Ph.D.; and MATTHEW C. ULMER
2012  KIANOOSH HATAMI, Ph.D., P.Eng., M.ASCE; BRIAN GRADY, Ph.D.; and MATTHEW C. ULMER
Raymond D. Mindlin Medal

This medal is named for Raymond D. Mindlin, Ph.D., M.ASCE who was a Professor at Columbia University and who is best known for pioneering contributions to applied mechanics. The medal was established by action of the Society in February 4, 2008.

I. The medal may be awarded annually to an individual in recognition of outstanding research contributions to applied solid mechanics.

II. Membership in the Society is not a consideration for this medal.

III. The Awards Committee of the Engineering Mechanics Institute shall recommend for EMI Board approval the name of the recommended winner. With EMI Board approval, the recommendation is presented to the Executive Committee for final action.

IV. The medal will be presented in the Engineering Mechanics Institute Annual Conference, the Society’s Annual Conference, or a mechanics conference co-sponsored by ASCE.

V. No one shall receive the medal more than once.

VII. The award items are a certificate and medal.

To nominate for this award, follow the outline on Honors and Awards, page 494.

2009 JAN D. ACHENBACH, Ph.D.
2010 FRANK L. DIMAGGIO, Ph.D., P.E., F.ASCE
2011 LEON M. KEER, Ph.D., P.E., F.ASCE, NAE
2012 YIH-HSING PAW, Ph.D.

John G. Moffatt–Frank E. Nichol Harbor and Coastal Engineering Award

This award was established in 1977 and was endowed by the firm of Moffatt & Nichol, Engineers, in honor of John G. Moffatt and Frank E. Nichol. The award is designed to recognize new ideas and concepts that can be efficiently implemented to expand the engineering or construction techniques available for harbor and coastal projects. Development of such concepts can occur in any of the academic, design or construction disciplines. Results of such contributions are more efficient techniques or understandings that translate directly into applications which benefit the profession and the public at large. The award was officially instituted by the Board of Direction in October 1977.

I. The award may be made annually to a member of ASCE who has made a definite contribution in the fields of harbor and coastal engineering. Every third year, coinciding with the Ports Conference, preference will be given to a practitioner in the field of port or harbor engineering. This contribution may have been made either in the form of written presentations or notable performance.

II. Not more than one presentation of the Award is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one person. In such cases, duplicate or multiple awards are tendered only if the balance then available in the award fund is adequate for the purpose. No one shall receive the Award or a portion thereof more than once.

III. Nomination is to be made by a panel of three judges appointed by the Coasts, Oceans, Ports, and Rivers Institute Board of Governors from recommendations made by the technical committees. The panel consists of one recognized professional engineer from each of the following fields: (a) academic faculty member; (b) practicing design engineer; and (c) marine/coastal engineering construction contractor. The term of each member of the panel of judges shall be three years. The terms shall be staggered to allow for overlapping service. The COPRI Board of Governors shall appoint a liaison member to the Panel of Judges. Final approval is the responsibility of the ASCE Executive Committee.

IV. The award shall consist of a specially designed plaque and cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

V. In the absence of sufficient qualified nominations, the Moffatt and Nichol Panel of Judges can choose not to make a recommendation in a given year.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.
Awards have been made as follows:

2008 VIJAY PANCHANG, Ph.D., P.E., M.ASCE
2009 RONALD M. NOBLE, P.E., L.S., F.ASCE
2010 JOHN W. GAYTHWAITE, P.E., M.ASCE
2011 JAMES T. KIRBY, JR., Ph.D., M.ASCE
2013 LARRY W. NYE, P.E., M.ASCE

Moisseiff Award
This prize, established by the Society in April 1947, is a memorial in recognition of the accomplishments of Leon S. Moisseiff, M.ASCE, a notable contributor to the science and art of structural design. Funds have been provided by Mr. Moisseiff’s friends to set up the medal, with certificate, and to establish a trust fund to support the yearly awards.

I. The prize is given, in any year, to an important paper published in a print issue of an ASCE journal in the twelve-month period ending with June of the year preceding the year of award (or any year since the last award), dealing with the broad field of structural design, including applied mechanics as well as the theoretical analysis, or constructive improvement, of engineering structures such as bridges and frames, of any structural material.

II. Award of the prize in every year is not mandatory.

III. Papers recognized for award of other Society prizes are disqualified.

IV. All authors, whether members or nonmembers, are eligible to receive the prize.

V. In any year when the excellence of more than one paper justifies it, the prize committee may designate a “second order of merit.” A paper so recognized shall be considered eligible to compete in the award for the next year. When a recipient is selected, the selection committee shall also notify the Honors and Awards Program office, in writing, the nominees designated to be reconsidered in the next award cycle.

VI. Preparation of a paper by another publisher disqualifies it from this competition.

VII. The Structural Engineering Institute Board of Governors shall present its nominee to the ASCE Executive Committee for final approval.

VIII. The prize consists of a bronze medal and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment. The lead author shall receive the medal and cash prize. All other authors shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2008 KAPIL KHANDELWAL, S.M.ASCE and SHERIF EL-TAWIL, Ph.D., P.E., M.ASCE
2009 ALESSANDRO ZONA, Ph.D.; MICHELE BARBATO, Ph.D., M.ASCE; and JOEL CONTE, Ph.D., M.ASCE
2010 JOSEPH A. YURA, Ph.D., P.E., M.ASCE; TODD A. HELWIG, Ph.D., P.E., M.ASCE; REAGAN S. HERMAN, Ph.D., A.M.ASCE; and CHONG ZHOU, Ph.D., P.E., A.M.ASCE
2012 YASSER ALASHKER, Ph.D.; SHERIF EL-TAWIL, Ph.D., P.E., F.ASCE; and FAHIM SADEK, Ph.D., M.ASCE
2013 GINTARIS KAKLAUSKAS and VIKTOR GRIBNIAK

Nathan M. Newmark Medal
This award was established by the Engineering Mechanics and Structural Divisions to honor Nathan M. Newmark, Hon.M.ASCE, for his outstanding contributions in structural engineering and mechanics. The funds for the award were contributed by the honoree’s former students in appreciation of the quality of education they received under his guidance at the University of Illinois. The Medal was officially instituted by action of the Board of Direction on November 1–2, 1975.

I. The award may be made to a member of the American Society of Civil Engineers who, through contributions in structural mechanics, has helped substantially to strengthen the scientific base of structural engineering, these contributions having been made in the form of papers or other writ-
ten presentations. The field of structural mechanics should be interpreted broadly and should include continuum mechanics related to structural and geotechnical engineering.

II. Award recipients are nominated for the ASCE Executive Committee approval by a committee composed of the three most recently retired chairs of the Executive Committee of the Engineering Mechanics Institute and the three most recently retired chairs of the Structural Engineering Institute Executive Committee. The chair of the award committee alternates annually between the representatives of the two entities having the longest tenure on the Committee.

III. Nominees not selected in a given year will be held over for consideration through the next selection cycle. At the end of the second cycle, nominees not chosen will no longer be eligible for consideration. Nomigators who wish for their candidate to be considered for another two-cycle period must produce a new nomination package.

IV. Not more than one award of the prize is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one individual, such as joint authorship of a paper. In such cases duplicate or multiple prizes are tendered only if the balance then available in the award fund is adequate for the purpose.

V. The award consists of a gold medal. If the award is presented for a joint effort, the lead recipient shall receive the medal. Award recipients who are not the lead recipient shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009 CHANDRAKANT S. DESAI, Ph.D., P.E., F.ASCE
2010 HOWARD S. LEVINE, Ph.D., M.ASCE
2011 ANDREI M. REINHORN, D.Sc., P.E., F.ASCE
2012 YANNIS F. DAFALAIAS, Ph.D., M.ASCE
2008 SOMNATH GHOSH, Ph.D., A.M.ASCE

Norman Medal

The Norman Medal of the American Society of Civil Engineers was instituted and endowed in 1872 by George H. Norman, M.ASCE. With the assent and the approval of the donors, on June 1, 1897, the Society assumed responsibility for the payment in perpetuity of the Norman Medal.

I. The Norman Medal recognizes a paper that makes a definitive contribution to engineering science. It may be presented annually to the author or authors of an original paper not previously contributed in whole or in part to any other association or otherwise appeared in print prior to its publication by the Society. Papers published in a print issue of an ASCE journal in the twelve-month period ending with June of the year preceding the year of award are eligible.

II. Papers written jointly by Society members and nonmembers are eligible, provided at least half of the authors are ASCE members.

III. Nominations may be submitted by anyone and must be sent directly to the Honors and Awards Program office by October 1. The Honors and Awards Program office will transmit nominations to the appropriate ASCE Organizational Entity for review.

a. Nominations sent to the Honors and Awards Program office by October 1 will be transmitted to the appropriate ASCE Organizational Entity.

b. Each ASCE Organizational Entity may recommend for review up to two candidate papers for consideration by the Paper Review Committee.

c. Only those candidate nominations received by the Honors and Awards Program office from the ASCE Organizational Entity by January 15 will be considered by the Paper Review Committee.

d. The nominated papers are reviewed by the Paper Review Committee which shall recommend the recipient(s) to the Society Awards Committee which shall request approval from the Executive Committee of the Board of Direction. The Paper Review Committee shall be composed of two representatives of the Committee on Technical Advancement (CTA) and one representative of each Institute. Its chair shall be the senior CTA member. Committee members shall serve three-year staggered terms.
IV. The paper considered second in merit to the Norman shall be deemed the winner of the J. James R. Croes Medal. Papers not selected for either award shall be ineligible for re-nomination.

V. The lead author shall receive the medal. All other authors shall receive a certificate.

Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009 STEVEN L. KRAMER, Ph.D., P.E., M.ASCE and ROY T. MAYFIELD, Ph.D., P.E., M.ASCE
2010 TOMMASO MORAMARCO, M.ASCE; CLAUDIA PANDOLFO; and VIJAY P. SINGH, Ph.D., D.SC., D.WRE, F.ASCE
2011 SHADI S. NAJJAR, Ph.D., A.M.ASCE and ROBERT B. GILBERT, P.E., D.GE, M.ASCE
2012 MARK MAHAN, Ph.D., M.ASCE; YANNIS F. DAFALIAS, Ph.D., M.ASCE; MAHDI TAIEBAT, Ph.D., P.Eng., M.ASCE; YEONGAE HEO, Ph.D.; and SASHI K. KUNNATH, Ph.D., P.E., F.ASCE
2013 ANIL K. CHOPRA, Ph.D., M.ASCE

Charles Pankow Award for Innovation

The Charles Pankow Award for Innovation was established by the Civil Engineering Research Foundation (CERF) in 1996. Named for industry visionary Charles J. Pankow, the award recognizes the contributions of organizations working collaboratively to advance the design and construction industry by introducing innovation into practice, in a sustainable manner. It was instituted as a Society award December 17, 2008.

I. One award may be presented annually to recognize an outstanding, collaborative emerging innovation in design, materials, or construction-related research and development. Innovations must be new to the industry. Not more than one award may be given in any one year.

II. Nominations must meet the following criteria:
   a. Innovative Technologies—must demonstrate innovative design, materials, or construction-related research transferred into practice.
   b. Collaborative Research and Implementation—must demonstrate that collaboration was involved during any part of the cycle from development to application.
   c. Impact on Construction Industry Performance—must demonstrate innovative approaches that have a positive impact on society by striving to achieve one or more National Construction Technology Goals.

III. The award is not restricted to members of the Society. Current ASCE staff is not eligible for nomination. No innovation may receive the award more than once.

IV. The award committee shall be composed of five members, including representatives from the two previous award winning innovations, one representative appointed by the Charles Pankow Foundation, and two representatives appointed by the ASCE Industry Leaders Council. Members shall serve staggered two-year terms. The committee shall be chaired by the Charles Pankow Foundation representative. The Editor-in-Chief of Civil Engineering magazine shall serve as the non-voting Secretary.

V. The committee shall submit its recommendation to the Executive Committee of the ASCE Board of Direction for approval.

VI. The submission deadline is June 1.

VII. Nominees not selected in a given year will be held over for consideration through the next cycle. At the end of the second cycle, nominees not selected will no longer be eligible for consideration, except in the instance where nominations are resubmitted, to be considered for another two cycle period.

VIII. The award shall consist of a crystal trophy.

Entry Format

All entries should include the following:
   A cover letter signed by the nominator
   An Official Award Nomination form with attachments as specified

Nominations are due June 1.

Awards have been made as follows:
HONORS AND AWARDS

2009  CLAREMONT TUNNEL SEISMIC UPGRADE PROJECT
2010  ECO SOUND BARRIER
2011  BRIDGE-IN-A-BACKPACK
2012  NEW SUSTAINABLE CONCRETE MIX DESIGN
2013  HYBRID-COMPOSITE BEAM (HCB®)

John I. Parcel–Leif J. Sverdrup Civil Engineering Management Award

To encourage effective leadership and management skills in the civil engineering profession, this award was endowed by the associates of John I. Parcel and Leif J. Sverdrup, Honorary Members, ASCE. The award was officially instituted by action of the Board of Direction in September 1976.

I. The award may be made annually to a member of the American Society of Civil Engineers who has made a definite contribution in the field of civil engineering management, evidencing high character and professional integrity and regional or national professional reputation. This contribution may have been made either in the form of written presentations or notable performance.

II. Not more than one presentation of the award is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one person. In such cases, duplicate or multiple awards are tendered only if the balance then available in the award fund is adequate for the purpose. No one shall receive the award or a portion there of more than once.

III. The award committee shall be the Committee on Leadership and Management. Its recommendation accompanied by an appropriate citation, shall be reported to the Committee on Advancing the Profession (CAP) annually and shall be forwarded to the Executive Committee of the ASCE Board of Direction for final action.

IV. Any ASCE member, including the award committee, may submit nominations, in writing, for this award.

V. The award shall consist of a specially designed plaque and an honorarium that will be established annually by the Executive Committee of the ASCE Board of Direction on the basis of a review of the annual income from the award fund. If the award is presented for a joint effort, the lead recipient shall receive the plaque and honorarium. All other recipients shall receive only a certificate.

VI. Members of CAP and the Committee on Leadership and Management shall not be eligible for this award.

To nominate for this award, follow the outline on Honors and Awards and include the Parcel-Sverdrup nomination form downloaded from the Web at http://www.asce.org/awards. Nominations should reach the ASCE Headquarters by March 1. Meritorious nominees not selected in a given year may be held over for consideration by the Committee on Leadership and Management for the next year. The names of these nominees will be conveyed to the Honors and Awards Program office.

Awards have been made as follows:

2009  FRANK R. FINCH, P.E., M.ASCE
2010  VICE ADMIRAL MICHAEL K. LOOSE, P.E., M.ASCE
2011  JAMES A. RISPOLI, P.E., BCEE, F.ASCE
2012  GEORGE J. PIERSON, P.E., J.D., M.ASCE
2013  MICHAEL J. MacPHEE, Ph.D., M.ASCE

Ralph B. Peck Award

This award was established in 1999 by the Geo-Institute of the Society in honor of Ralph B. Peck, Dist.M.ASCE. Funds to support this award were donated by ASFE: Professional Firms Practicing in the Geosciences.

I. The Ralph B. Peck Award is presented for outstanding contributions to the geotechnical engineering profession through the publication of a thoughtful, carefully researched case history or histories, or the publication of recommended practices or design methodologies based on the evaluation of case histories.

II. The award will be given no more often than once a year either to a single author or to two or more collaborating authors for the publication of a case history or histories, or methodologies and recommended practices based on case histories, that provide valuable insights into geotechnical aspects of constructed facilities. The award may be given for a single paper or for two or more
papers written by the same author(s). The published work must involve the evaluation of subsur-
face conditions pertaining to the performance of constructed works, with appropriate analysis,
description of project design, and recommendations for improved future design and construction
practices. The relevant paper or papers will be cited during the presentation of the award.

III. Emphasis will be placed on a peer-reviewed paper or papers published in an appropriate journal
and/or in conference proceedings within an approximate five-year period before the award
decision.

IV. The award recipient or recipients will be invited to deliver the Peck Lecture describing the lessons
learned from the relevant case history or histories at a location chosen by the Board of Governors
of the Geo-Institute. The lecture will be given no later than one year after its announcement.

V. The award will be given without regard for Society membership or nationality.

VI. The selection of the Award recipient will be made by the Board of Governors of the Geo-Institute of
ASCE from a list of three nominees to be provided by the Awards Committee of the Geo-Institute
of ASCE. Final approval shall be the responsibility of the ASCE Executive Committee. Nomina-
tions will be considered from any society with members engaged in the practice of geotechnical
engineering.

VII. The award consists of a gold-plated medal and a cash prize determined annually by, and subject
to, the approval of the Executive Committee of the ASCE Board of Direction, based on the
income from the award endowment. The lead author shall receive the medal and cash prize. All
other authors shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the
ASCE Headquarters by June 1. A listing of nominees’ professional memberships and affiliations
should be included with nominations for this award.

Awards have been made as follows:

2009 EDWARD KAVAZANJI, JR., Ph.D., P.E., M.ASCE

2010 IZZAT M. IDRIS, Ph.D., P.E., Dist. M.ASCE, NAE

2011 ANTONIO BOBET, Sc.D., P.E., M.ASCE

2012 CRAIG H. BENSON, Ph.D., P.E., D.GE, F.ASCE

2013 JONATHAN D. BRAY, Ph.D., P.E., F.ASCE

Margaret S. Petersen Award

For an outstanding woman in environmental and water resources

This award was established to honor Margaret S. Petersen, P.E., D.WRE, Dist.M.ASCE, a pioneer in
hydraulics and water resources engineering. The funds for the award were obtained through the solici-
tation of gifts from her colleagues, admirers and friends. It was instituted by the Board of Direction on
October 8, 2013.

I. The award may be made annually to a female member of ASCE or EWRI (except Student Mem-
ber) who has demonstrated exemplary service to the water resources and environmental science
and engineering community

II. Criteria may include EWRI leadership through standing or task committee participation; univer-
sity or industry excellence in the water recourse, hydraulics, or environmental-related science
and engineering profession.

III. The recipient is strongly encouraged to serve as an ambassador for the award by promoting it at
her university, engineering alumni group(s) and/or via her employer. The recipient is also
encouraged to sponsor a female student to the EWRI Congress and/or to mentor a female student
at a local university.

IV. Not more than one award may be presented in any given year. No one shall receive the honor
more than once.

V. The award selection committee shall recommend a nominee for approval by the Executive Com-
mittee of the ASCE Board of Direction. The award selection committee shall be composed of
two (2) members of the EWRI Education and Research Council, two (2) members of the EWRI
emerging and Innovative Technologies Committee, two (2) at-large members, and two (2) recent
award recipients; all must be EWRI members. The Institute Operations ExCom officer, who is
also a member of the EWRI Institute Awards Committee, shall serve as the chair and organizer of
the award selection committee. The chair shall vote for the award recipient only during instances
when the vote between the other award selection committee members is a tie.

VI. The award will consist of a crystal vase, suitably inscribed with the name of the recipient and the
year of award, and a cash prize, determined annually by and subject to the approval of the Execu-
tive Committee of the ASCE Board of Direction based on the income from the award endow-
ment.

VII. The first year of award shall be 2014.

To nominate, submit the following, by the October 1 nomination deadline:

A third party letter of nomination
An Official Award Nomination form
Nominee’s personal statement attending to how they meet the criteria for the award (not to exceed
1,000 words)
The nominee’s CV or biographical information
A minimum of three, maximum of five, letters of recommendation

Electronic submissions are encouraged to awards@asce.org by October 1. Paper submissions are also
accepted, in which case one copy of the complete nomination package should be received by the Hon-
ors and Awards Program at the ASCE headquarters: 1801 Alexander Bell Drive, Reston, VA 20191-
4400.

Peurifoy Construction Research Award

To recognize individuals who have made outstanding contributions to the advancement of construction
engineering through research and development of new technology, principles or practices, the friends,
former students and associates of Dr. R. L. Peurifoy contributed funds, the annual income of which is
to be used for the Peurifoy Construction Research Award. The award was officially instituted by action
of the Board of Direction in 1984, upon recommendation of the Executive Committee of the Construc-
tion Research Council.

I. The name of the award is the Peurifoy Construction Research Award.

II. The award may be made to a member of ASCE or the Construction Institute, who has made an
outstanding contribution to the advancement of construction engineering through research and
development of new technology, principles or practices.

III. Nominations will be considered by the Construction Institute’s Awards Committee. Its recom-
mendation will be made to the Construction Institute’s Board of Directors and subsequently rati-
fied by the Executive Committee of the ASCE Board of Direction.

IV. Self-nominations will not be accepted.

V. Nominees not selected in a given year will be held over for consideration through the next selection
cycle. At the end of the second cycle, nominees not chosen will no longer be eligible for consider-
ation, except that nominators who wish for their candidate to be considered for another two-cycle
period must produce a new nomination package.

VI. The award consists of a certificate and a cash prize determined annually by and subject to the
approval of the Executive Committee of the Board of Direction based on the income from the
award endowment.

VII. The Award recipient may be invited to present a “Peurifoy Construction Advancement Address”
at an appropriate meeting of the Society.

VIII. Only one person shall receive the Award in any year, and an awardee may receive the honor only once.

To nominate for this award, follow the outline on Honors and Awards and include the Peurifoy nomi-
should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009 PHOTIOS G. IOANNOU, Ph.D., P.E., M.ASCE
2010 JEFFREY S. RUSSELL, Ph.D., P.E., Dist.M.ASCE
2011 JESUS M. DE LA GARZA, Ph.D., M.ASCE
2012 MICHAEL C. VORSTER, Ph.D., M.ASCE

Harold R. Peyton Award for Cold Regions Engineering

This award is a memorial to the outstanding professional accomplishments of Harold R. Peyton, F.ASCE, and to stimulate awareness and interest in the challenges of cold regions engineering. It was established by the Board of Direction in October 1988.

I. The award is made to a member of the Society who has made outstanding contributions to cold regions engineering or to a basic understanding of cold environments, including dissemination of knowledge of cold climate technology through publishing innovative technical or research papers.

II. The award will be made annually when, in the judgment of the Technical Council on Cold Regions Engineering, a suitable candidate is available.

III. Recommendations may be made to the Committee on Awards of the Technical Council on Cold Regions Engineering by any member of the Society, or may originate in that Awards Committee.

IV. At the discretion of the nominating bodies or individuals, the same person may be nominated in a subsequent year, if eligible under Criteria I and IV.

V. Deceased persons are not eligible for nomination to the Award, although an award can be made posthumously to a nominee whose petition has reached the Awards Committee during their lifetime.

VI. The Executive Committee of the Technical Council on Cold Regions Engineering will nominate a recipient of the Award for action by the Executive Committee of the ASCE Board of Direction.

VII. The award consists of a plaque and cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment. It is presented at the International Cold Regions Engineering Specialty Conference, International Conference on Permafrost or ASCE Annual Conference.

To nominate for this award, follow the outline on Honors and Awards and include the Peyton nomination form downloaded from the Web at http://www.asce.org/awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009 DUANE L. MILLER, P.E., M.ASCE
2010 LYNDAG BARBER-WILTSE, P.E., M.ASCE
2011 JAMES W. ROONEY, P.E., M.ASCE
2012 DAVID C. ESCH, P.E., M.ASCE
2013 TED S. VINSON, Ph.D., P.E., M.ASCE

The Professional Practice Ethics and Leadership Award

The Society instituted the award in 2005 to promote and recognize civil engineering leadership in professional practice and ethics. The Foundation for Professional Practice, established by ASFE and ASCE, donated the funds. The ASCE Committee on Advancing the Profession (CAP) administers the award through the Honors and Awards Program.

I. The Society confers the award to honor a licensed professional engineer’s accomplishments that preeminently promote superior engineering ethics and leadership.

II. The Society shall bestow this award to recognize an engineer-leader for a specific accomplishment or for lifetime achievements that demonstrate superior ethics and leadership while the individual participated in professional practice or service to the public.

III. The Society may bestow the award on one individual only, on an annual or less basis. The individual does not need be a member of ASCE or ASFE. Persons are ineligible for the award if they are not licensed professional engineers, or if they currently serve on, or have within five years of the nomination date, served on the ASCE Board of Direction or the ASFE Board of Directors.

IV. The Award Committee shall consist of three members in good standing of ASCE and three members in good standing of ASFE. These members—all licensed professional engineers—shall be appointed by the respective organizations’ president for staggered three-year terms. The Committee’s chair shall be the representative in the third year of his or her term, and shall alternate annually between an ASCE and an ASFE representative. The Committee shall present informa-
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tion about the Award Committee’s selection to the Executive Committee of the ASCE Board of Direction for final approval.

V. The award shall be presented at a mutually agreeable date and place determined annually by the Award Committee.

VI. The award shall consist of a certificate and honorarium, determined annually and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

VII. No one shall receive the award more than once.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by June 1.

2008 ROBERT L. NICHOLS, P.E., L.S., BCEE, F.ASCE
2009 BARRY K. THACKER, P.E., M.ASCE
2010 JOE D. MANOUS, Jr., Ph.D., P.E., D.WRE, F.ASCE
2011 JAMES H. SUTTLE, P.E., M.ASCE
2013 WILLIAM P. HENRY, P.E., D.WRE, Pres.05.ASCE

Raymond C. Reese Research Prize

To recognize outstanding contributions to the application of structural engineering research, Raymond C. Reese, Hon.M.ASCE, contributed funds to support a structural engineering research prize. The prize was established by the Board of Direction in April, 1970.

I. The Raymond C. Reese Research Prize is to be awarded to the author or authors of a paper published in a print issue of an ASCE journal in the twelve-month period ending with June of the year preceding the year of the award that describes a notable achievement in research related to structural engineering and which indicates how the research can be used. The paper should include the results of research (experimental and/or analytical) and, in particular, should indicate and recommend how the research can be applied to design; it is this latter feature that is considered to be most important.

II. Membership in the Society is not a requirement for consideration.

III. The award may be presented annually.

IV. No one shall be eligible to receive the Prize, or a portion of the Prize, more than once.

V. The eligible papers will be reviewed by the Structural Engineering Institute which shall select the nominee or nominees for final approval by the ASCE Executive Committee.

VI. The lead author shall receive a plaque. All other authors shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009 LARRY A. FAHNESTOCK, Ph.D., P.E., M.ASCE; RICHARD SAUSE, Ph.D., P.E., M.ASCE; and JAMES M. RICLES, Ph.D., P.E.
2010 DONALD W. WHITE, Ph.D., P.E., M.ASCE
2011 JONAH J. SHISHKIN, P.Eng., M.ASCE; ROBERT G. DRIVER, Ph.D., P.Eng., M.ASCE; and GILBERT Y. GRONDIN, Ph.D., P.Eng.
2012 JOHN W. VAN DE LINDT, Ph.D., M.ASCE; SHILING PEI, Ph.D., P.E., M.ASCE; STEVEN E. PRYOR, P.E., S.E., M.ASCE; HIDEKUNI SHIMIZU, Ph.D.; and HIROSHI ISODA, Ph.D.
2013 ZHONGGUO JOHN MA, Ph.D., P.E., F.ASCE; SAMUEL LEWIS, QI CAO, Ph.D., A.M.ASCE; ZHIQI HE; EDWIN G. BURDETTE, Ph.D., P.E., F.ASCE; and CATHERINE E.W. FRENCH, Ph.D., P.E., M.ASCE

Rickey Medal

This prize was established in 1947 by Mrs. Lucy M. Rickey in honor of her husband James W. Rickey, M.ASCE, a leader in hydroelectric engineering progress.

Funds were donated to provide for a suitable medal, with certificate, and to establish a permanent fund, the proceeds from which would supply the necessary yearly funds for this medal.
I. The medal may be given annually to a Society member for achievement in the general field of hydroelectric engineering, including any of its branches. The contribution may have been made through outstanding performance or specific noteworthy actions that have served the field of hydroelectric engineering and may include a career of published papers.

II. Not more than one award of the prize is made each year unless the achievements upon which the award is based are considered to be the joint contribution of more than one person. No one shall receive the honor more than once.

III. Responsibility for recommending the winner, or winners, of the Rickey Medal is vested in the then current Executive Committee of the Energy Division, whose choice is subject to ratification by the Executive Committee of the ASCE Board of Direction.

IV. The award comprises a gold-plated medal and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment. If the award is presented for a joint effort, the lead recipient shall receive the medal and cash prize. All other recipients shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:
2007  J. YOULEN, P.E., M.ASCE

Robert Ridgway Student Chapter Award

To promote excellence among the Student Chapters of the American Society of Civil Engineers, Isabel L. Ridgway endowed this award in honor of her husband, Robert Ridgway, Past President, ASCE. It was officially instituted by action of the Board of Direction in May 1965.

I. The award is known as the Robert Ridgway Student Chapter Award.

II. The award is made annually to the single most outstanding Student Chapter of the American Society of Civil Engineers.

III. The Committee on Student Members shall recommend to the ASCE Executive Committee the winner of the Award on the basis of the judging of the Certificates of Commendation that are presented each year.

IV. The award shall consist of a suitable plaque of the memoir of Past President Ridgway.

V. The award shall be presented to the Chapter at an appropriate meeting by a national officer of the Society.

Recent awards have been made to the following Student Chapters for the previous year’s activities:
2009  CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO ASCE STUDENT CHAPTER
2010  CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO ASCE STUDENT CHAPTER
2011  CALIFORNIA POLYTECHNIC STATE UNIVERSITY ASCE STUDENT CHAPTER
2012  THE CITADEL ASCE STUDENT CHAPTER
2013  UNIVERSITY OF AKRON ASCE STUDENT CHAPTER

Roebling Award

This award was established by the Construction Institute of the Society in memory of three outstanding constructors:

John A. Roebling—the visionary designer and builder of suspension bridges

Washington Roebling—John’s son, who translated the visions into the “Brooklyn Bridge”

Emily Roebling—Washington’s wife, who, in effect, became the field superintendent in support of her crippled husband’s effort. The Roebling Award was instituted by the Board of Direction in April, 1987, and is funded by gifts from the Construction Industry.

I. The Roebling Award recognizes and honors an individual who has made an outstanding contribution toward the advancement of Construction Engineering.

II. Nominees shall be either ASCE or Construction Institute members.

III. The Construction Institute may invite the recipient to deliver a “Roebling Lecture” at an appropriate meeting of the Society.
IV. The award is presented annually, except that no award is made in a year in which a suitable candidate cannot be found.

V. Self-nominations will not be accepted.

VI. Nominees not selected in a given year will be held over for consideration through the next selection cycle. At the end of the second cycle, nominees not chosen will no longer be eligible for consideration except that nominators who wish for their candidate to be considered for another two-cycle period must produce a new nomination package.

VII. A program, including a biographical sketch of the recipient, will be published for each lecture. A list of contributors will be published on the back cover.

VIII. The award will consist of a certificate and a cash prize determined annually by and subject to the approval of the ASCE Executive Committee of the Board of Direction based on the income from the award endowment.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2005 F. KEITH JACOBSON, P.E., M.ASCE
2007 J. PATRICK POWERS, P.E., F.ASCE
2009 EDWIN K. McNINCH, P.E., M.ASCE
2013 DAVID W. JOHNSTON, Ph.D., P.E., F.ASCE

Hunter Rouse Hydraulic Engineering Award

This award and lectureship was endowed by the Water Resources Engineering Division (now the Environmental and Water Resources Institute) through personal contributions of engineers and engineering firms throughout the world in honor of Hunter Rouse, Hon.M.ASCE. It was instituted by the Board of Direction in October 1979.

I. The award recognizes outstanding contributions to hydraulics and waterways.

II. The award is given without regard to Society membership.

III. The award is presented annually, except that no award is given in a year in which a suitable candidate cannot be found.

IV. The Hydraulic and Waterways Council Awards Committee shall recommend a winner to the EWRI Awards Committee, which shall seek approval from the Governing Board of the Environmental and Water Resources Institute. The Governing Board of the Environmental and Water Resources Institute shall submit their recommendation to the Executive Committee of the ASCE Board of Direction for final approval.

V. The winner may be invited to present a “Hunter Rouse Hydraulic Engineering Lecture” at an appropriate meeting of the Society. If presented, the Lecture will additionally be published in a journal overseen by EWRI.

VI. The award consists of a certificate and a cash prize to be determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction, based on the income from the award endowment.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:

2009 JOSEPH HUN-WEI LEE, Ph.D., F.ASCE
2010 VLADIMIR NIKORA, Ph.D., A.M.ASCE
2011 DARREL M. TEMPLE, P.E., D.WRE, M.ASCE
2012 MARCELO H. GARCI, Ph.D., P.ENG., M.ASCE
2013 TERRY W. STURM, Ph.D., P.E., M.ASCE

Thomas Fitch Rowland Prize

The Thomas Fitch Rowland Prize was instituted by the Society at the Annual Meeting of 1882. It was endowed in 1884 by Thomas Fitch Rowland, past Vice President and Hon.M.ASCE.
I. Nomination for the Prize is open to authors, who are either Society or Construction Institute members. The Prize may be presented annually.

II. In the award of this prize, preference is given to papers whose author or authors describe in detail accomplished works of construction or which are valuable contributions to construction management and construction engineering. Only papers published in a print issue of an ASCE journal in the twelve-month period ending with June of the year preceding the year of award are eligible.

III. Nominations will be considered by the Construction Institute’s Awards Committee. Its recommendation will be made to the Construction Institute’s Board of Directors and subsequently ratified by the Executive Committee of the ASCE Board of Direction.

IV. The lead author shall receive a wall plaque. All other authors shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2005 PAULO JORGE DE SOUSA CRUZ, M.ASCE, and J.M. LOPES CORDEIRO
2006 MARK R. SVINKIN, Ph.D., M.ASCE
2007 AMR A. KANDIL, Ph.D., M.ASCE and KHALED EL-RAYES, Ph.D., P.E., M.ASCE
2009 JOHN E. TAYLOR, Ph.D., A.M.ASCE
2011 GUNNAR LUCKO, Ph.D., A.M.ASCE and EDDY M. ROJAS, Ph.D., A.M.ASCE

Robert H. Scanlan Medal

This medal was established by the Engineering Mechanics Institute to commemorate Professor Robert H. Scanlan’s lifetime achievements in the field of engineering mechanics. The award consists of a medal and a certificate. This award is funded by The Johns Hopkins University.

It was instituted by the Board of Direction in 2002.

I. The medal will be awarded to an individual in recognition of distinguished achievement in engineering mechanics based upon scholarly contributions to both theory and practice. The areas of achievement will generally be structural mechanics, wind engineering, and aerodynamics.

II. The medal will ordinarily be granted for cumulative distinguished contributions in mechanics. In exceptional cases, it may be awarded for a single contribution of outstanding merit. The medal will be awarded every year at the discretion of the selection committee and will be limited to one individual. Final approval shall be the responsibility of the ASCE Executive Committee.

III. The awards committee will consist of the Engineering Mechanics Institute (EMI) Advisory Board. It will be chaired by the chair of the EMI Advisory Board.

IV. The medal will be given without regard for society membership or nationality.

V. No individual shall receive the medal more than once.

VI. Ten years after the establishment of the award, the Executive Committee of the EMI may review and propose modifications to the above criteria and rules.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

2008 NICHOLAS P. JONES, Ph.D., M.ASCE
2009 GIORGIO DIANA, Ph.D.
2010 HAI-FAN XIANG, Ph.D.
2011 YOZO FUJINO, Ph.D., M.ASCE
2012 YOU-LIN XU, Ph.D., F.ASCE

H. Bolton Seed Medal

This award was established by the Geotechnical Engineering Division (now the Geo-Institute) of the Society in memory of Professor H. Bolton Seed, Hon.M.ASCE. It was officially instituted by action of the Board of Direction on October 23, 1993, and was funded by friends and colleagues of Professor Seed and the U.S. National Society Endowment Fund.

Professor Seed made many significant contributions to teaching, research and the practice of geotechnical engineering especially as related to geotechnical earthquake engineering and embankment dams. Dr. Seed, a member of the National Academy of Engineering, has been recognized with many awards, including ASCE’s Norman Medal (twice), Croes Medal (three times), Middlebrooks Award (five times), the Terzaghi Award and the Terzaghi Lectureship. In 1985, he was the first recipient of the
Nash Medal of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE). In addition to his numerous technical contributions, Professor Seed devoted considerable time and effort to the profession through the activities of the Geo-Institute of ASCE and through ISSMGE. He served as Permanent Secretary, U.S. National Society (USNS) of the ISSMGE for more than 10 years.

I. The H. Bolton Seed Medal is awarded for outstanding contributions to teaching, research, and/or practice in geotechnical engineering.

II. The medal ordinarily will be awarded for cumulative distinguished contributions to the designated subject area. In exceptional cases, it may be awarded for a single contribution of outstanding merit.

III. The first medal and alternating medals thereafter will be awarded for contributions to geotechnical earthquake engineering. The intervening medals may be awarded for contributions in any area of geotechnical engineering.

IV. The medal may be awarded every year, at the discretion of the selection committee. Not more than one award will be made in each selection year unless the achievement upon which the award is based is considered to be the contribution of more than one person.

V. During the year following the announcement of the receipt of the Medal, the recipient will deliver the Seed Memorial Lecture on a topic of his/her choice within the designated subject area. The lecture will be presented at the Geo-Institute of ASCE Annual Congress.

VI. Medal winners are strongly urged to prepare a permanent record of the lecture in the form of written manuscript and/or videotape. The written manuscript, not to exceed 15,000 word equivalents, will be submitted for publication in the ASCE Journal of Geotechnical and Geoenvironmental Engineering. A videotape should be produced in a format consistent with USNS specifications, and will be provided to the USNS by the GI for distribution. The videotape will be the property of ASCE.

VII. Eligible candidates for the Medal must be members of ASCE, or of a member society of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE). (A listing of nominee’s professional memberships and affiliations should be included with nominations for this award.) The recipient will be chosen without regard for nationality.

VIII. The selection of the Medal recipient will be made by the Board of Governors of the Geo-Institute based on recommendations from the G-I Awards Committee. The International Secretary will invite member societies of the ISSMGE to submit nominations for consideration by the ASCE Awards Committee.

IX. The award consists of a gold-plated medal and a cash prize determined annually by and subject to the approval of the Executive Committee of the Board of Direction based on the income from the award endowment. If the award is presented for a joint effort, the lead recipient shall receive the medal and cash prize. All other recipients shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by June 1.

Awards have been made as follows:

2008 J. MICHAEL DUNCAN, Ph.D., P.E., Dist.M.ASCE
2010 KENNETH H. STOKOE II, Ph.D., P.E., M.ASCE
2011 NORBERT R. MORGENSTERN, Ph.D., P.Eng., M.ASCE
2012 GEOFFREY R. MARTIN, Ph.D., M.ASCE
2013 STEPHEN G. WRIGHT, Ph.D., P.E., M.ASCE

Masanobu Shinozuka Medal

The award was officially instituted on October 8, 2013 by the Board of Direction to honor Masanobu Shinozuka, Ph.D., P.E., Dist.M.ASCE, NAE, a pioneer in stochastic systems study and its applications to civil engineering, primarily through mechanical and aerospace engineering.

I. The award may be presented in odd-numbered years to an individual in recognition of outstanding contributions to the field of stochastic mechanics, reliability and risk and simulation.

II. Membership in the Society is not a consideration for this award.

III. Not more than one presentation of the award may be made per selection cycle.
IV. The award committee shall consist of the members of the Awards Committee of the Engineering Mechanics Institute, whose duty shall be to recommend nominees for formal action by the Executive Committee of the ASCE Board of Direction.

V. No one shall receive the award more than once.

VI. In the absence of sufficient qualified nominations, the awards committee can choose not to make a recommendation in a given year.

VII. Nominees not selected in a given year will be held over for consideration through the next selection cycle. At the end of the second cycle, nominees not chosen will no longer be eligible for consideration, except that nominators who wish for their candidate to be considered for another two-cycle period must produce a new nomination package.

VII. The award consists of a medal.

VIII. The year of first award of the award shall be 2015.

Wilbur S. Smith Award

The Wilbur S. Smith Award was established by the former Highway Division (now T&DI) of the Society in recognition of the outstanding professional accomplishments of Wilbur S. Smith, Hon.M.ASCE. It was instituted by the Board of Direction in July 1984.

I. The award is made to the person who, during the fiscal year preceding the year of the award, shall be judged worthy of special commendation for contributing to the enhancement of the role of the civil engineer in highway engineering. The contribution may be made in the form of a paper published by the Society or by the recipient’s personal efforts and achievements toward that goal.

II. The award is restricted to Fellows, Members and Associate Members of the Society.

III. The Awards Committee of T&DI reviews nominations presented by the Honors and Awards program and recommends to the Board of Governors of T&DI the recipient, if any, for final action by the Executive Committee of the ASCE Board of Direction.

IV. Nominees not selected in a given year may be held over for consideration by the Awards Committee of T&DI, with approval from the Board of Governors of T&DI. The names of these nominees will be conveyed to the Honors and Awards program office.

V. The award consists of a plaque and an honorarium determined annually by and subject to approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009 NICHOLAS J. GARBER, Ph.D., P.E., F.ASCE, NAE
2010 ESSAM RADWAN, Ph.D., P.E., F.ASCE
2011 TIMOTHY T. JACKSON, P.E., M.ASCE
2012 EUGENE R. RUSSELL, Ph.D., P.E., F.ASCE
2013 JORGE A. PROZZI, Ph.D., A.M.ASCE

J. C. Stevens Award

This prize was established and endowed in 1943 by John C. Stevens, Past President, ASCE.

I. The prize is designated the J. C. Stevens Award.

II. It may be given to the best discussion of a paper, the discussion having been published in a print issue of an ASCE journal overseen by EWRI. The discussion shall have been published during the twelve-month period ending with June of the year preceding the year of award.

III. The paper and its discussion must be in the field of hydraulics (including fluid mechanics and hydrology).

IV. Papers written jointly by ASCE or EWRI-only members and non-members are eligible, provided at least one of the authors is either an ASCE or EWRI-only member. No one is to receive the prize or any portion thereof more than once.
V. In any year when the excellence of more than one discussion on a paper justifies it, the prize committee designates a “second order of merit.” A discussion on a paper so recognized is considered eligible to compete for the award for the next year.

VI. The Hydraulics and Waterways Council Awards Committee shall recommend a winner to the EWRI Awards Committee, which shall seek approval from the Governing Board of the Environmental and Water Resources Institute. If approved by the Governing Board of the Environmental and Water Resources Institute, the recommendation shall be presented to the Executive Committee of the ASCE Board of Direction for final approval.

VII. Normally the prize consists of a certificate and books published by ASCE, costing not more than $100, however the Governing Board of the Environmental and Water Resources Institute may authorize that limit to be exceeded if the income from the endowment is sufficient to justify it.

VIII. The leading author shall receive the certificate and books, which they may select. All other authors shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:
2007 CARLOS V. ALONSO, Ph.D., M.ASCE
2010 CRAIG JONES, A.M.ASCE and JOSEPH GAILANI, Ph.D.
2011 JAMES E. BALL, Ph.D., C.P. Eng., M.ASCE
2012 JAMES A. KELLS, Ph.D., PENG, M.ASCE
2013 IWAO OHTSU, Ph.D., M.ASCE; YOUICHI YASUDA, Ph.D., M.ASCE; and MASAYUKI TAKAHASHI, Ph.D., A.M.ASCE

Surveying and Mapping Award

This award was established in October 1969 following the solicitation of funds from individual engineers and engineering firms.

I. The award is known as the Surveying and Mapping Award.

II. The award is made annually to the individual who has made a definite contribution during the year to the advancement of surveying and mapping either in teaching, writing, research, planning, design, construction, or management, these contributions being made in the form of papers or other written presentations, or in some instances through notable performance, long years of service, or specific actions which have served to advance surveying and mapping.

III. Membership in the Society is not a requirement for consideration.

IV. Not more than one award is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one person, such as joint authorship of a paper.

V. The Executive Committee of the Geomatics Division of the Committee on Technical Advancement shall make a recommendation to the Executive Committee of the ASCE Board of Direction for selection of the winner of the Award. This recommendation shall be made on or before February 15 of each year. The Executive Committee may solicit nominations from its technical committees or from individual members of the Society for the Award.

VI. The award shall consist of a plaque. If the award is presented for a joint effort, the lead shall receive the plaque. All other recipients shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:
2008 JOSIAH E. COLCORD, JR., P.E., L.S., F.ASCE
2010 EARL F. BURKHOLDER, P.S., P.E., F.ASCE
2011 DAVID A. WAHLSTROM, J.D., P.E., PLS, F.ASCE
2012 CAROLYN J. MERRY, Ph.D., M.ASCE
2013 ROBERT J. SCHULTZ, P.E., P.L.S., F.ASCE
Karl Terzaghi Award

This award was established by the Soil Mechanics and Foundations Division (now the Geo-Institute) of the Society by the solicitation of gifts from the many friends and admirers of Karl Terzaghi, Hon.M.ASCE. It was instituted by the Board of Direction on October 10, 1960.

I. The Karl Terzaghi Award will be given to an author of outstanding contributions to knowledge in the fields of soil mechanics, subsurface and earthwork engineering, and subsurface and earthwork construction. Contributions which have been published by the American Society of Civil Engineers shall be cited as the principal basis for the award, however in exceptional circumstances, and not more than once every eight years, contributions published elsewhere may be cited as a basis for the Award.

II. The Award may be given in odd-numbered years without restrictions as to Society membership or nationality.

III. Award recipients will be nominated for Board of Direction approval by the Geo-Institute Board of Governors.

IV. The award will consist of a plaque and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by June 15.

Awards have been made as follows:

2005 FRED H. KULHAWY, Ph.D., P.E., G.E., Hon. M.ASCE
2007 CHANDRAKANT S. DESAI, Ph.D., P.E., F.ASCE
2009 RICHARD FINNO, Ph.D., P.E., M.ASCE
2013 TUNCER B. EDIL, Ph.D., P.E., D.GE, Dist.M.ASCE

Royce J. Tipton Award

To recognize contributions to the advancement of irrigation and drainage engineering, Royce J. Tipton, past Vice President and F.ASCE, contributed funds for the establishment of an award in this field of endeavor. It was officially instituted by action of the Board of Direction on October 19–20, 1964.

I. The award is known as the Royce J. Tipton Award.

II. The award is made to a member of the American Society of Civil Engineers or member of the Environmental and Water Resources Institute who has made a definitive contribution to the advancement of irrigation and drainage engineering management, these contributions being made either in the form of papers or other written presentations, or through notable performance, long years of service, or specific actions which have served to advance the science of irrigation and drainage engineering. Publications written by the nominee may be considered as part of the selection process.

III. Not more than one award of the prize is made each year unless the achievement upon which the award is based is considered to be the contribution of more than one person. The recipient may be invited to present a lecture at an appropriate meeting of the Society. The lecture will be published in the Division’s Irrigation and Drainage Engineering Journal.

IV. Nominations for the award will be evaluated by the Irrigation and Drainage Council Awards Committee. The Awards Committee is composed of the following voting members of the Irrigation and Drainage Council: chair, vice-chair, past-chair, chairs of standing committees, news correspondent, and editor of the Journal of Irrigation and Drainage Engineering. The Committee shall recommend a recipient to the Governing Board of the Environmental and Water Resources Institute. The Governing Board of the Environmental and Water Resources Institute shall submit their recommendation to the Executive Committee of the ASCE Board of Direction for approval.

V. Nominees not selected in the initial year will be held over for consideration through the next two selection cycles. At the end of the third cycle, nominees not chosen will be removed from consideration, but will remain eligible for re-nomination by submission of a new nomination package.

VI. The award consists of a plaque and cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the
award endowment. If the award is made for a joint effort, the lead recipient shall receive the plaque and cash prize. All other recipients shall receive only a certificate.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:

2009 MARSHALL J. ENGLISH, Ph.D., P.E., M.ASCE
2010 WESLEY W. WALLENDER, Ph.D., P.E., M.ASCE
2011 THOMAS L. SPOFFORD, P.E.
2012 KENNETH RENARD, Ph.D., P.E., M.ASCE
2013 ROBERT O. EVANS, Ph.D., P.E., M.ASCE

Francis C. Turner Award

This award was established by the Transportation and Development Institute (formerly the Highway and Urban Transportation Divisions) of the Society by the solicitation of gifts from the many friends and admirers of Francis C. Turner, Hon.M.ASCE, former Chief Engineer of the Bureau of Public Roads, and retired Federal Highway Administrator. It was instituted by the Board of Direction in October 1988. Income from the award fund will be used to pay for honoraria, plaques, and administrative expenses incidental to the award.

I. Society members of any grade or members of T&DI are eligible.

II. The award is based on the nominee’s contributions to the advancement of the knowledge and practice of transportation engineering.

III. The Awards Committee of T&DI reviews nominations presented by the Honors and Awards program and recommends to the Board of Governors of T&DI the recipient, if any, for final action by the Executive Committee of the ASCE Board of Direction.

IV. The award consists of a plaque and cash prize determined annually by and subject to the approval of the ASCE Executive Committee based on the income from the award endowment.

V. The winner may be invited to deliver a “Francis C. Turner Lecture” at an appropriate meeting of the Society.

VI. Nominees not selected in a given year may be held over for consideration by the Awards Committee of T&DI, with approval from the Board of Governors of T&DI. The names of these nominees will be conveyed to the Honors and Awards program office.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2007 ALAIN L. KORNHAUSER, Ph.D., M.ASCE
2011 KAM K. MOVASSAGHI, Ph.D., P.E., F.ASCE
2012 MATTHEW M. MCDOLE, P.E., F.ASCE

Theodore von Karman Medal

This award was established and endowed in 1960 by the Engineering Mechanics Division of the Society, with gifts presented by the many friends and admirers of Theodore von Karman, Hon.M.ASCE.

I. The award is known as the Theodore von Karman Medal.

II. The award recognizes distinguished achievement in engineering mechanics, applicable to any branch of civil engineering.

III. Age, nationality, and Society membership shall not be a consideration in making the award.

IV. The award is normally made every year on the basis of nominations submitted to the award committee no later than November 1. It may be omitted at the discretion of the award committee. Subject to restrictions imposed by Society policy, not more than one award may be made in any given year.

V. Nominees not selected in a given year will be held over for consideration through the next selection cycle. At the end of the second cycle, nominees not chosen will no longer be eligible for consideration. Nominators who wish for their candidate to be considered for another two-cycle period must produce a new nomination package.
VI. The award committee shall consist of the members of the Advisory Board of the Engineering Mechanics Institute whose duty shall be to recommend nominees for formal action by the ASCE Executive Committee.

VII. The award consists of a bronze medal.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2008  SIA NEMAT-NASSAR, Ph.D., M.ASCE, NAE
2009  THOMAS J.R. HUGHES, Ph.D., P.E., F.ASCE
2010  JAN D. ACHENBACH, Ph.D.
2012  FRANZ JOSEF ULM, Ph.D., M.ASCE
2013  WILFRED D. IWAN, Ph.D., Dist.M.ASCE, NAE

Arthur M. Wellington Prize

This prize was instituted in 1921 by the Board of Direction in response to a proposal by the Engineering News-Record, which endowed the award in honor of Arthur M. Wellington, former editor of Engineering News and author of a well-known and widely respected treatise on railway location, "The Economic Theory of Railway Location."

I. The prize may be awarded annually for papers on transportation on land, on the water, in the air, or on foundations and closely-related subjects, not including contributions in the form of reports and manuals.

II. Papers published in a print issue of an ASCE journal in the twelve-month period ending with June of the year preceding the year of award are eligible.

III. The award is not restricted to members of the Society.

IV. Nominations may be submitted by anyone and must be sent directly to the Honors and Awards Program office by October 1. The Honors and Awards Program office will transmit nominations to the appropriate ASCE Organizational Entity for review.

a. Nominations sent to the Honors and Awards Program office by October 1 will be transmitted to the appropriate ASCE Organizational Entity.

b. Each ASCE Organizational Entity may recommend for review up to two candidate papers for consideration by the Paper Review Committee.

c. Only those candidate nominations received by the Honors and Awards Program office from the ASCE Organizational Entity by January 15 will be considered by the Paper Review Committee.

d. The nominated papers are reviewed by the Paper Review Committee which shall recommend the recipient(s) to the Society Awards Committee which shall request approval from the Executive Committee of the Board of Direction. The Paper Review Committee shall be composed of two representatives of the Committee on Technical Advancement (CTA) and one representative of each Institute. Its chair shall be the senior CTA member. Committee members shall serve three-year staggered terms.

V. The lead author shall receive a plaque. All other authors shall receive only a certificate.

Nominations should reach the ASCE Headquarters by October 1.

Awards have been made as follows:

2009  M. EMIN KUTAY, Ph.D., M.ASCE and AHMET H. AYDILEK, Ph.D., M.ASCE
2010  SARAH M. L. HUBBARD, Ph.D., P.E., M.ASCE; DARYC M. BULLOCK, Ph.D., P.E.; M.ASCE; and FRED L. MANNERING, Ph.D., M.ASCE
2011  ZONGZHI LI, Ph.D., A.M.ASCE and SUNIL K. MADANU
2013  JUI-CHING CHOU, Ph.D., EIT, A.M.ASCE; BRUCE L. KUTTER, Ph.D., M.ASCE; THALEIA TRAVASAROU, P.E., M.ASCE; and MODALE J. CHACKO

George Winter Award

The award is named for Dr. George Winter, world renowned teacher and researcher at Cornell University, who died in 1982. The George Winter Award is intended as a recognition of the achievements of an active structural engineering researcher, educator or practitioner who best typifies the late Dr.
George Winter’s humanistic approach to his profession: i.e., an equal concern for matters technical and social, for art as well as science, for soul as well as intellect. The Award was officially instituted by action of the ASCE Board of Direction in April 1990.

I. The award may be made annually to any individual without regard to Society membership. The recipient shall be first and foremost a structural engineer, one who has consistently worked at advancing the state-of-the-art of the profession through the practical application of design and/or research studies.

II. Secondly, the individual must have demonstrated a commitment to the social or artistic needs of the community through work performed in an area not directly related to engineering or science.

III. No one shall be eligible to receive the Award, or a portion of the Award, more than once.

IV. The Awards Committee of the Structural Engineering Institute shall recommend the recipient, if any, to the Executive Committee of the ASCE Board of Direction for final action.

V. The award consists of a bronze medal bearing the likeness of George Winter and an honorarium that will be established by the Executive Committee of the Board of Direction based on a review of annual income generated from the award endowment. It will be presented at the Annual Structures Congress Awards Luncheon, however the Award need not be given every year if a suitable candidate cannot be identified.

To nominate for this award, follow the outline on Honors and Awards. Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2005 ASHRAF HABIBULLAH, S.E., M.ASCE
2006 DUANE S. ELLIFRITT, Ph.D., P.E., M.ASCE
2007 KEITH D. HJELMSTAD, Ph.D., M.ASCE
2008 THOMAS A. SABOL, Ph.D., P.E.
2011 MICHEL BRUNEAU, Ph.D., P.Eng., F.ASCE

William H. Wisely American Civil Engineer Award

This award is a memorial of William H. Wisely, Honorary Member, ASCE, who for nearly two decades prudently guided the activities of the American Society of Civil Engineers as its chief staff officer. The award was officially instituted by the Board of Direction on May 14–16, 1983. The award consists of a suitably inscribed plaque, a certificate identifying the recipient(s) and the accomplishments meriting the award, and an honorarium to be determined annually by the Executive Committee of the ASCE Board of Direction.

I. The award may be presented annually to recognize not more than three individuals who have exhibited continuing efforts to better the history, tradition, developments and technical and professional activities of the Society. The recipient or recipients shall be members of ASCE.

II. The award may be conferred at the initiative of the President with the concurrence of the Executive Committee.

III. The award consists of a trophy and an honorarium to be determined annually by the Executive Committee of the ASCE Board of Direction.

Nominations should reach the ASCE Headquarters by November 1.

Awards have been made as follows:

2009 TERENCE E. RICHARDSON, P.E., M.ASCE
2010 THOMAS M. RACHFORD, Ph.D., P.E., F.ASCE and JAMES L. WITHHAM, Ph.D., P.E., D.GE, M.ASCE
2012 MICHAEL N. GOODKIND, Ph.D., P.E., S.E., F.ASCE and MONTE L. PHILLIPS, Ph.D., P.E., F.ASCE

Younger Member Group Award

The purpose of the award is to promote excellence among the Younger Member Groups of the American Society of Civil Engineers. Younger Member Groups are defined as Associate Member Forums...
(AMF), Younger Member Forums (YMF), Younger Member Committees (YMC), etc. which operate at the Section and Branch level. It does not include younger member councils. The Younger Member Group Award was officially instituted by action of the Society on July 9, 1985.

I. The award is known as the Younger Member Group Award. It may be made annually to the most outstanding large and small Younger Member Groups of the American Society of Civil Engineers. One or more Certificates of Commendation may also be awarded to deserving groups.

II. The Committee on Younger Members shall recommend to the ASCE Executive Committee the winners of the award and those groups receiving Certificates of Commendation that are presented each year.

III. The evaluation process involves scoring of nomination documents submitted by Younger Member Groups. The nomination documents will list professional, technical, social, and special activities sponsored by the Younger Member Group for the preceding fiscal year (October to September). The specific criteria and format for evaluating all nominations are established by the CYM. The recommendations, if any, shall be presented to the Executive Committee of the ASCE Board of Direction for approval.

IV. The award shall consist of a certificate and a cash prize determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment. The large and small group winners shall share in the cash prize.

V. The award shall be presented to the Younger Member Group at an appropriate meeting by a national officer of the Society.

CYM should be forwarded each application by March 1 for judging at its spring meeting.

To nominate for this award, follow the instructions on the Younger Member Group nomination form downloaded from the Web at http://www.asce.org/awards. Nomination packages must be submitted through the Section or Branch Secretary on CD to Honors and Awards Program at the ASCE Headquarters, 1801 Alexander Bell Drive, Reston, VA 20191-4382, postmarked by February 1.

Awards have been made as follows:

2009 PHOENIX BRANCH YOUNGER MEMBER FORUM (Large Group), WEST VIRGINIA SECTION (Small Group)
2010 FLORIDA SECTION EAST CENTRAL BRANCH YOUNGER MEMBER FORUM (Large Group), WISCONSIN SECTION SOUTHEAST BRANCH YOUNGER MEMBER GROUP (Small Group)
2011 PHOENIX BRANCH YOUNGER MEMBER FORUM (Large Group), WISCONSIN SECTION SOUTHEAST BRANCH YOUNGER MEMBER GROUP (Small Group)
2012 PHOENIX BRANCH YOUNGER MEMBER FORUM (Large Group), WISCONSIN SECTION, SOUTHEAST BRANCH YOUNGER MEMBER GROUP (Small Group)
2013 SEATTLE YOUNGER MEMBER FORUM (Large Group), HAWAII SECTION YOUNGER MEMBER FORUM (Small Group)

LECTURES

Karl Terzaghi Lecture

This lectureship was established by the Soil Mechanics and Foundations Division (now the Geo-Institute) of the Society by the solicitation of gifts from the many friends and admirers of Karl Terzaghi, Hon.M.ASCE. It was instituted by the Board of Direction on October 10, 1960.

I. At about yearly intervals and upon recommendation of the Geo-Institute Board of Governors, the Executive Director will invite a distinguished engineer to deliver a “Terzaghi Lecture” at an appropriate meeting of the Society. The lecturer shall be tendered a certificate and a cash prize determined annually by and subject to the approval of the Executive Committee of the Board of Direction based on the income from the award endowment.

II. Membership in the Society is not a requirement for consideration.

Terzaghi Lectures have been presented as follows:

2009 CLYDE N. BAKER, JR., P.E., Hon.M.ASCE
SPECIAL SOCIETY RECOGNITIONS

The Alfred Noble Prize

This prize was established in 1929 and consists of an award from the income of a fund contributed by engineers and others in honor of Alfred Noble, Past President of the American Society of Civil Engineers and of the Western Society of Engineers, for the purpose of perpetuating his name and achievements. The American Society of Civil Engineers is designated as trustee of the fund.

I. The award is made to a member of any grade of the American Society of Civil Engineers; American Institute of Mining, Metallurgical, and Petroleum Engineers, Inc.; The American Society of Mechanical Engineers; The Institute of Electrical and Electronics Engineers; or the Western Society of Engineers.

II. The award is given for a technical paper of exceptional merit accepted by the Committee on Publications, or a committee of like standing, for publication in any of their technical publications, provided the author has not passed his/her 35th birthday at the time the paper is submitted to the society in practically its final form.

III. Papers prepared by not more than two authors are eligible for consideration.

IV. If a paper has been written by two authors, the lead author must be 35 years of age or younger.

V. Selected papers are forwarded by the respective societies to an intersociety committee on the Alfred Noble Prize. Each paper, so forwarded, shall be accompanied by a brief synopsis of its purposes and a concise statement of its conclusions.

VI. Each society may nominate more than one paper.

VII. An individual technical paper by a member of one of the foregoing societies published as an appendix to a report of a committee of the society is considered as eligible.

VIII. Papers in a symposium are judged as separate papers and are eligible.

IX. This prize consists of a certificate and honorarium determined annually by and subject to the approval of the Executive Committee of the ASCE Board of Direction based on the income from the award endowment. In the case of a paper written jointly by authors 35 years of age or younger, both shall share the honorarium. In the case of a paper written jointly by authors 35 years of age or younger and older authors, the older author will receive only a certificate.

X. The recipient of the Prize is selected by a committee of five, consisting of a representative of each society. The ASCE representative shall serve as Committee chair.

XI. The award is based on papers published in the twelve-month period ending with June of the year preceding the year of award. The papers must be submitted to the joint intersociety committee not later than May 1 and they must be presented in full, even if printed in abstract.

XII. If in any year no paper deemed worthy of award is available, the award is not made. If two papers of unusual merit are recognized in any year, one may be carried over, fully qualified to compete in the next annual competition.

XIII. The award is made publicly at a general meeting of the society of which the recipient is a member. It is desirable that the recipient be present to receive the award. The time and place of the meeting is designated by said society.

Nominations should reach the ASCE Headquarters by May 1.

Awards have been made as follows:

2009 GHIM PING ONG, Ph.D., A.M.ASCE and TIEN F. FWA, Ph.D., P.E., M.ASCE
2010 KIMBERLY LEWANDOWSKI, Ph.D. and S. KOMAR KAWATRA
2011 ZHENHUA ZHU, P.E., S.M.ASCE and IONNIS BRILAKIS, Ph.D., M.ASCE
2012 MARIOS PANAGOTOU, Ph.D., C.ENG., M.ASCE and JOSE I. RESTREPO, Ph.D., M.ASCE
Outstanding Projects And Leaders (OPAL)

Established in 1999, these prestigious awards recognize and honor outstanding civil engineering leaders whose lifetime accomplishments and achievements have made significant differences in one of five categories: (1) design (to recognize and honor a civil engineer for innovation and excellence in civil engineering design), (2) construction (to recognize and honor a civil engineer for innovation and excellence in construction of civil engineering projects and/or programs), (3) government (to recognize and honor a civil engineer for demonstrated leadership of public sector projects and/or programs), (4) education (to recognize and honor a civil engineer who has demonstrated excellence in furthering civil engineering education), and (5) management (to recognize and honor a civil engineer who has demonstrated exceptional management skills in his/her professional career).

Each Outstanding Projects and Leaders (OPAL) recipient will receive a trophy exclusively designed for the American Society of Civil Engineers.

I. The awards are given to model civil engineers who have demonstrated outstanding lifetime achievement, leadership, and a long-term commitment to excellence. The awards are not restricted to members of the Society.

II. In that the election of ASCE Presidency is the highest office accorded, Past Presidents are not eligible for OPAL awards.

III. As many as five awards (one for each category) are made annually. The awards will be bestowed based on the lifetime accomplishments and achievements of the recipients. A person can only receive one OPAL in their lifetime.

IV. Names of candidates considered by the Society Awards Committee but not nominated for election will be reconsidered the following year. Individuals must be renominated after three years.

Nomination Process

Include cover letter signed by the nominator with an OPAL nomination form and a curriculum vitae. Letters of reference are desired, but not required. The entire application package should not exceed 12 pages.

Submit a complete nomination package electronically to the Honors and Awards Program office no later than June 1.

Selection Process

The ASCE Society Awards Committee will review the nominations, which shall consist of an Official OPAL Nomination form; the nominator’s cover letter, and the nominee’s CV or biographical information. Letters of reference are desired, but not required. The entire package may not exceed 12 pages. The Society Awards Committee shall nominate one recipient in each of the five (5) categories for Executive Committee approval. Recipients will be notified in writing and requested to submit personal information, including a photograph, for publication purposes. Recipient must agree to attend awards ceremony.


Outstanding Civil Engineering Achievement

General Information

ASCE annually recognizes an exemplary civil engineering project as the Outstanding Civil Engineering Achievement. Established in 1960, this prestigious award honors the project that best illustrates superior civil engineering skills and represents a significant contribution to civil engineering progress and society. Honoring an overall project rather than an individual, the award recognizes the contributions of many engineers.

The Outstanding Civil Engineering Achievement is awarded an OPAL award at the annual OPAL awards ceremony. All of the OCEA finalists chosen by the OCEA jury receive merit award trophies at the OPAL awards ceremony. ASCE News announces the OCEA finalists and later issues include coverage of the OPAL awards ceremony and announces the winner of the Outstanding Civil Engineering Achievement Award. ASCE also promotes the projects through press releases to the civil engineering trade press and the general media.

Entries may be submitted by the individual firms or agencies involved in the projects and must meet the eligibility and entry requirements. Region, Section or Branch project of the year winners are expected to be entered by Region, Section or Branch presidents. In order to be considered by the jury entries must meet the eligibility and entry requirements.

The submission deadline is June 1.
The OCEA award program is coordinated through the Honors and Awards program. Entry kits are available online at www.asce.org/awards or via e-mail to awardsl@asce.org.

**Eligibility**

Any civil engineering or construction project is eligible. There are no restrictions as to locale—a project may be national or international—but it must meet at least one of the requirements listed below.

1. Bridges, tunnels, waterways, railways, roads (other than toll): eligible only when carrying traffic; the time of final completion or dedication is not important.
2. Toll or similar regional roads: any portion in use is eligible. The entire road is eligible when it is 75-percent operational.
3. Water supply, flood control dams: eligible when ready to take the full design head of water.
4. Power dams: eligible when the major civil engineering construction is completed and the structure can take its design head of water.
5. Fuel power plants: eligible when power goes online.
7. Airports and other similar large developments: eligible when initial phase is 75-percent operational. Individual structures or features (such as major buildings or runways) are eligible when operational, but will be considered separately from the entire project.
8. Water supply, water treatment, and waste disposal: the entire project is eligible when it is 50-percent operational in its initial phase. Any completed component is eligible, but will be considered separately from the entire project.
9. Port, coastal, ocean, and wetlands projects and offshore structures; eligible when complete.
10. Military projects (such as bases, launching units, and harbor facilities) eligible for their engineering aspects.

Eligibility of projects not categorized above will be determined by the jury. If a project wins an OCEA award, it or any of its components may not be renominated in a later year.

**Judging Criteria**

The jury will consider entries on the basis of the following general criteria.

Originality and Innovation
- New or Innovative Application of Technology, Design, Materials, Process/Methods and Construction

Resourcefulness in Planning and Solving Design Challenges
- Complexity of the Problem or Situation Addressed
- Creativity in Solutions

Sustainability Considerations
- Environmental
- Social
- Economic

Project Planning and Delivery
- Financing, Budget and Schedule
- Meeting the Client’s Needs Particularly Related to Budget and Schedule Adherence
- Contributions to the Well-being of People and Communities, Including Aesthetic Value

**Entry Format**

All entries should include the following in this order:

Completed entry form

Brief description of project, not to exceed 250 words
At least six color photographs of project. (More photos/slides are encouraged. ASCE may use photos for publicity purposes.)

Summary describing how project meets judging criteria, not to exceed 1,000 words

Attachments such as articles from local papers or trade journals, if available

Include only data and charts that are needed to understand the technical aspects or innovations of the project. Videos will not be accepted.

Submit one unbound original and twelve copies of the entry by June 1. Entries will not be returned, and become the property of ASCE.

**Preparation Guidelines**

Entries must address each criteria and should identify unusual aspects of the project. Describe key challenges and solutions and new technology used. Consider all phases of the project, including the plan, design, construction, operation, and maintenance. The project’s environmental, political, economic, social, and legal aspects may also be significant.

Present most technical information in lay terms. OCEA jury members have diverse backgrounds in civil engineering. The engineers and design professionals on the jury may have expertise in structures, for example, but not in environmental engineering. Entries will also be read by general media reporters who cover such civil engineering issues as transportation or the environment but who may not have engineering backgrounds.

**Judging and Notification Procedures**

Entries are judged by a volunteer jury approved by the Board of Direction. The jury shall be composed of the past president; one additional member of the Society Awards Committee, who shall chair the jury and who shall be recommended by the chair of the Society Awards Committee; two members recommended by the Technical Region Board of Governors; and three members recommended by the Media Relations Department to represent the press. The editor in chief of Civil Engineering will serve as the nonvoting secretary of the jury. The jury shall recommend a list of finalists and the OCEA recipient to the Executive Committee for approval. The Executive Committee shall approve the recommendations of the jury or, in the case of extraordinary circumstances, the Executive Committee shall refer the recommendations back to the jury for further deliberation.

The Honors and Awards program office will forward all entries received by the competition deadline to members of the OCEA jury.

Following the Executive Committee’s approval of the jury’s selection of finalists, the secretary of the jury will notify the finalists. The jury’s selection of the Outstanding Civil Engineering Achievement is not disclosed until the OPAL awards dinner in April. The project is designated a “finalist” as are the projects selected as merit winners.

All finalists will be asked to provide materials for production of a short video of their project, segments of which will be shown during the OPAL dinner.

**Award Presentation**

In addition to the OPAL trophy, the national OCEA award consists of a permanently displayed bronze plaque supplied by ASCE. The plaque is presented to the owner of the project in a ceremony coordinated by the local ASCE Region, Section or Branch in which the project is located. The Region, Section or Branch should coordinate the ceremony with the OCEA Coordinator in ASCE’s Media Relations Department. The Region, Section or Branch should invite the ASCE President and other ASCE leaders as appropriate. Additional bronze plaques may be ordered through the ASCE Communications Department. These plaques will be invoiced to the individual(s) ordering the plaques.

Recent OCEA award recipients are as follows:

2009 GROUNDWATER REPLENISHMENT SYSTEM

*Contenders*

- BUNDLE 401, OREGON 38: ELK CREEK-HARDSCRABBLE CREEK BRIDGE DELIVERY PROGRAM
- I-35W BRIDGE
- LAKE BRAZOS LABYRINTH WEIR
- MOTAGUA BRIDGE
- H. CLAY WHALEY, SR. MEMORIAL WATER PLANT

2010 SUTONG BRIDGE

Awards of Merit
ARROWHEAD TUNNELS PROJECTS INLAND FEEDER PROGRAM
CONCORDIA UNIVERSITY WISCONSIN LAKESHORE ENVIRONMENTAL ENHANCEMENT AND EDUCATION PROJECT
SOUND TRANSIT CENTRAL LINK LIGHT RAIL: SECTION 710 BEACON HILL STATION AND TUNNELS
UTAH STATE CAPITOL SEISMIC BASE ISOLATION AND RESTORATION

2011 RIVERBANK FILTRATION AND TUNNEL AND PUMP STATION
Awards of Merit
COWBOYS STADIUM
INCHEON BRIDGE PROJECT
TAUM SAUK UPPER RESERVOIR REBUILD PROJECT
WASHINGTON DULLES INTERNATIONAL AIRPORT MAIN TERMINAL APM STATION

2012 HOOVER DAM BYPASS/MIKE O’CALLAGHAN - PAT TILLMAN MEMORIAL BRIDGE
Awards of Merit
CHERRY ISLAND LANDFILL VERTICAL EXPANSION PROJECT
NACIMIENTO WATER PROJECT
US-191 COLORADO RIVER BRIDGE
WILLAMETTE RIVER CSO TUNNEL PROGRAM

2013 ALVARADO WATER TREATMENT PLANT OZONE UPGRADE AND EXPANSION PROJECT
Awards of Merit
BRIGHTWATER TREATMENT PLANT
LAKE OSWEGO INTERCEPTOR SEWER
MY WATERWAY@PUNGGOL
WILLIAM JACK HERNANDEZ SPORT FISH HATCHERY

Historic Civil Engineering Landmark Program

In 1966 the Board of Direction authorized designation of the first ASCE National Historic Civil Engineering Landmark. To indicate the international scope of this award, the name was changed to Historic Civil Engineering Landmark in 2006. In this continuing program, any Society organizational entity or related engineering organization may propose an internationally or nationally significant civil engineering project to the ASCE History and Heritage Committee which then may recommend to the Board of Direction that the project be named by the Society as a Historic Civil Engineering Landmark. A bronze plaque denoting the designation is supplied for a presentation event.

Detailed information on this national program, which includes suggestions for Section area designation of projects that are of local, but not national historical importance, is available from ASCE headquarters.

Landmark designations have been made as follows:

(A complete listing of landmarks designated since 1966 is available at www.asce.org)

2009 GUAYAIBO CEREMONIAL CENTER (Costa Rica). International Historic Civil Engineering Landmark
MANHATTAN BRIDGE (New York, New York), National Historic Civil Engineering Landmark
POUGHKEEPSIE-HIGHLAND BRIDGE (Poughkeepsie, New York), National Historic Civil Engineering Landmark
QUEENSBORO BRIDGE (New York, New York), National Historic Civil Engineering Landmark
VANCOUVER’S MAPPING OF THE WEST COAST OF NORTH AMERICA (Mexico – United States – Canada), International Historic Civil Engineering Landmark
WILLIAMSBURG BRIDGE (New York, New York), National Historic Civil Engineering Landmark

2010 MACKINAC BRIDGE (Mackinac County, Michigan), National Historic Civil Engineering Landmark
RENSSELAER POLYTECHNIC INSTITUTE (Troy, New York), National Civil Engineering Landmark

2011 FLIGHT OF FIVE LOCKS, NEW YORK STATE BARGE CANAL (New York), National Historic Civil Engineering Landmark
HUEY P. LONG BRIDGE (Jefferson, Louisiana), National Historic Civil Engineering Landmark
HONORS AND AWARDS

TACOMA BRIDGES, 1940 and 1950 (Tacoma, Washington), National Historic Civil Engineering Landmark
UTICA MEMORIAL AUDITORIUM (Utica, New York), National Historic Civil Engineering Landmark
2012 GRAND CENTRAL TERMINAL (New York City, New York), National Historic Civil Engineering Landmark
2013 LAKE PONTCHARTRAIN CAUSEWAY BRIDGE (New Orleans, Louisiana), National Historic Civil Engineering Landmark
TITAN CRANE (Clydebank, Scotland), International Historic Civil and Mechanical Engineering Landmark
WATERFORD BRIDGES (Waterford, New York), National Historic Civil Engineering Landmark

Honorary Fellow

To recognize and honor individuals who have demonstrated achievement and contributed noteworthy services in any field of endeavor, who have adhered to high standards of conduct, and whose efforts have benefited their communities, the nation and humanity, the Board of Direction in October 1986 approved establishment of the title of Honorary Fellow, ASCE.

1. This recognition is conferred by the Executive Committee of the Board of Direction.
2. Those so honored will receive a suitably inscribed certificate which may be presented at national meetings of the Society, at meetings of Sections or Branches, at other ASCE conferences or other appropriate gatherings.
3. The title of Honorary Fellow does not constitute membership in the Society.

Selected Early Fellows:
JOE BARTON, P.E.
RILEY P. BECHTEL
JAMES L. OBERSTAR
CHRISTOPHER S. “KIT” BOND
THOMAS E. PETRI
2007
THOMAS R. CARPER
JOHN J. DUNCAN, JR.
DENNIS MOORE
BILL NELSON
GEORGE V. VOINOVICH
2008
EARL BLUMENAUER
JAMES H. TURNER, JR.
2009
MAX BAUCUS
2010
MICHAEL BLOOMBERG
EDWARD RENDELL
ARNOLD SCHWARZENEGGER
2011
STEVEN LaTOURETTE

AWARDS PROVIDED BY ORGANIZATIONAL ENTITIES

Organizational Entities of the Society may, from time to time, establish awards that they will administer and manage separately from the national ASCE Honors and Awards Program.

Wallace Hayward Baker Award

The Wallace Hayward Baker Award was established in the year 2000 by the Geo-Institute in recognition of the creative and innovative contributions of Wallace Hayward Baker in the field of ground modification.
I. The award will be given in recognition of ingenious innovation in the field of ground modification. Emphasis shall be placed on the resourceful development of a new technology or the creative application of existing technology to achieve field performance not previously demonstrated.

II. Justification for the award shall be a major advancement or a career of inventive contributions to the field. Although desirable, the specific basis for the award does not have to be presented in a lecture.

III. The award will normally be given to a single individual and is not restricted to members of the Geo-Institute; in special situations it may be given to a group of individuals.

IV. Not more than one award will be made each year, and no award shall be given if a qualified candidate is not clearly identified.

V. The award consists of a plaque and certificate, suitably inscribed with the name of the recipient, year of the award, and brief citation describing the basis for the award. (Note: We will explore the possibility that the award may be some replica of our profession, such as a drill bit, etc.)

VI. The recipient of the award must be recommended by the Awards Committee and approved by the Geo-Institute Board of Governors.

VII. A nomination must include biographical data for the nominee and a clear description of the basis for the award, including a 20-word-or-less ending to the statement, “The Wallace Hayward Baker Award is given to ___ in recognition of (20 words or less).”

VIII. The recipient or the nominator shall prepare a manuscript describing the basis for the award to be published in “GeoStrata” within twelve months following receipt of the award.

Awards have been made as follows:

2005  JOSEPH P. WELSH, P.E
2006  NATHANIEL S. FOX, Ph.D., P.E., M.ASCE.
2007  REUBEN H. KAROL, P.E., M.ASCE
2008  GEORGE A. MUNFAKH, Ph.D., M.ASCE
2010  GEORGE K. BURKE, P.E., D.GE, M.ASCE
2011  Not Given
2012  James Collin

Government Civil Engineer of the Year Award

This award was established by the Government Engineers Division to recognize distinguished civil engineers employed in public service for significant engineering contributions as a practitioner in public service.

I. The award may be given annually to an engineer of recognized standing, who must be an ASCE member in good standing, and preferably a licensed professional engineer.

II. Qualifications of the award nominees will be judged on the following: sustained outstanding civil engineering performance in the public sector; evidence of high character and professional integrity; civic and humanitarian activities (community service); minimum of fifteen years of public service as a civil engineer; five of the fifteen years at the senior administrative level; and employed in the U.S. public sector at the time of application submittal.

III. The award consists of a suitably inscribed certificate.

IV. Nominations for ASCE Government Civil Engineer of the Year Award must be received at ASCE International Headquarters, to the attention of the Committee on Leadership and Management (CLMP) staff contact, no later than March 1 and should contain a cover letter, signed by the nominator; an official nomination form; the nominee’s CV or biographical information; two or three letters of recommendation.

V. Recipients of the award are selected by the Committee on Leadership and Management for final action by the Committee on Advancing the Profession.

VI. Members of CAP and the Committee on Leadership and Management shall not be eligible for this award.

VII. Completed nomination forms must be received at ASCE Headquarters by March 1 of the award year. The nomination form and specific staff contact information can be found at http://www.asce.org/awards.
Awards have been made as follows:

2009 THOMAS R. KENDALL, P.E., M.ASCE
2010 JANE MCKEE SMITH, Ph.D., P.E., D.C.E, M.ASCE
2011 JAMES C. RAY, Ph.D., P.E., M.ASCE
2012 JOE D. MANOUS, Jr., Ph.D., P.E., D.WRE, F.ASCE
2013 JULIE L. LABONTE, P.E., M.ASCE

**Young Government Civil Engineer of the Year Award**

This award was established by the Government Engineers Division to recognize distinguished civil engineers employed in public service for demonstrated leadership potential in Public Service Engineering.

I. The award may be given annually to an engineer of recognized leadership potential, and who must be an ASCE Affiliate Member, Associate Member, or Member in good standing. Nominees shall be 35 years of age or less in the year of the award, employed full time in the public sector for a minimum of five (5) years as of February 1 in the year of the award, and presently employed in the U.S. public sector. Engineering Intern (E.I.), Engineer-In-Training (E.I.T.), or Professional Engineer (P.E.) certification is required of all candidates.

II. Qualifications of the award nominees will be judged on the following: excellent performance that has demonstrated leadership potential in public sector civil engineering, evidence of high character and professional integrity, civic and humanitarian activities (community service), and outstanding contributions to ASCE.

III. A National winner may be selected each year. Up to 4 recipients of Certificates of Commendation may be selected each year. The Committee reserves the right not to select any winners.

IV. The National winner will receive a plaque and recipients of Certificates of Commendation will receive suitably inscribed certificates.

V. Nominations for the ASCE Young Government Civil Engineer of the Year Award must be received at ASCE International Headquarters, to the attention of the Committee on Younger Members (CYM) staff contact, no later than February 1 and should contain biographical information, citations of merit, and accomplishments which deserve consideration of the award.

VI. Recipients of the Award are selected by the Committee on Younger Members (CYM).

VII. Active voting members of CYM shall not be eligible for this award. Corresponding Members of CYM are eligible. Engineers who have received a Regional Young Government Civil Engineer Award or a Certificate of Commendation in the past may apply for the National Award provided they meet all criteria; however, they will not be eligible to receive a Certificate of Commendation for the current award year.

To nominate, submit the following as a single PDF on CD (one CD per nomination):

- A cover letter, signed by the nominator
- An application checklist
- An official award nomination form
- A completed application form, endorsed by the Section or Branch President
- Two to three letters of endorsement

Awards have been made as follows:

2009 PAULETTE B.L. UJIMORI, P.E., M.ASCE
2010 MAJ ADAM M. CHALMERS, PE, M.ASCE
2011 HOWARD LUBLINER, P.E., M.ASCE
2012 MAJ MORGAN B. REESE, MECE, P.E., M.ASCE
2013 JULIAN DRESANG, P.E., M.ASCE

**Robert Horonjeff Award**

To recognize and honor a person, persons, organization or organizations for outstanding achievements in, and contributions to, the advancement of the field of air transportation engineering, the Robert Horonjeff Award was established by the former Air Transport Division of the Society.

I. The award carries the name of Robert Horonjeff (1913–1976) because his career and his achievements exemplify so well the objectives of the Transportation and Development Institute (T&D). Robert Horonjeff was a leader in the development of the field of air transportation engineering. As an educator, he taught countless professionals who have taken leading roles in aviation. As a
researcher, he contributed significantly to the field and was particularly effective in molding many of today’s airport design and engineering methods. Horonjeff was a very active member of ASCE having served as chair of the Air Transport Division, of Management Group C, and of numerous technical and administrative committees.

II. The award may be given annually to a person or persons who during the period preceding the award become worthy of special commendation for contributions to the field of air transport engineering, and the enhancement of the Society’s activities in that field.

III. The award is limited to members of the Society of any grade of membership.

IV. The award consists of a plaque and a certificate suitably inscribed to describe the name of the recipient and the circumstances of the award. Funding is provided in the budget of the event when a presentation is to be made.

V. The recipient of the award is selected by the Board of Governors of T&DI upon recommendation of the T&DI Awards Committee.

Nominations should be submitted to ASCE Headquarters by November 1.

Awards have been made as follows:

2007 EDWARD L. GERVAS, P.E., F.ASCE
2008 WILLIAM J. SPROULE, Ph.D., P.E., F.ASCE
2009 BARRY J. DEMPSEY, Ph.D., P.E., M.ASCE
2010 MICHAEL MCNERNEY, P.E., M.ASCE
2011 THE NATIONAL AIRFIELD PAVEMENT TEST FACILITY (NAPTF)

Award of Excellence of the Pipeline Division

The American Society of Civil Engineers Pipeline Division Award of Excellence was established to recognize continuous and conspicuous service to the Profession, ASCE, and the Pipeline Division.

I. The award, established in 1988 by the Pipeline Division, is given to a Fellow, Member, or Associate Member of ASCE who is adjudged by the Executive Committee of the Pipeline Division to have given outstanding continuous and conspicuous service to the Profession, ASCE, and the Pipeline Division.

II. The award is given no more frequently than annually by vote of the Pipeline Executive Committee upon nominees submitted by standing committees of the Pipeline Division.

III. Each standing committee of the Pipeline Division is entitled to submit to the Pipeline Executive Committee for consideration no more than one nominee each year. Nominees previously submitted by a particular standing committee remain in nomination until a new nominee is submitted by the same committee.

IV. New nominees are submitted by March 1 of each year for consideration by the Executive Committee in the spring of each year. The Past Chair of the Pipeline Executive Committee is responsible for presenting continuing and new nominees to the Executive Committee for its consideration and retaining appropriate records on nominees and awardees.

V. The award shall consist of an appropriately inscribed wall plaque. The award is bestowed at a time and location specified by the Pipeline Executive Committee, with preference being given to conferences sponsored by the Pipeline Division in the year of the award.

VI. Funding for the award and its presentation is provided as part of the annual budget of the Pipeline Division.

Awards have been made as follows:

2008 AHMAD HABIBIAN, Ph.D., P.E., M.ASCE
2009 MICHAEL T. STIFT, P.E., M.ASCE
2010 JOHN HAIR, P.E., M.ASCE
2011 TERRY McARTHUR, P.E., M.ASCE
2012 RALPH R. CARPENTER, P.E., M.ASCE

Harry Schnabel Jr. Award for Career Excellence in Earth Retaining Structures

The Harry Schnabel Jr. Award was established by the Geo-Institute in 2006. This is a memorial award to recognize Harry Schnabel’s accomplishments in the field of Earth Retaining Structures over a 50 year career and to encourage continued excellence and innovation by those making a career in the earth retaining structures industry. The award is funded by an endowment from Schnabel Foundation Company.
I. The Award will consist of a plaque and suitably inscribed certificate with a cash prize determined by the income from the endowment.

II. The award will be given to an academic, a constructor/contractor, and a practicing engineer or geologist on a rotating three-year basis, in the order stated above.

III. Recipients must have a demonstrated commitment to service, excellence and innovation in the earth retaining structures and have at least 20 years of experience. This includes but is not limited to excavation support, permanent walls, and underpinning. Evidence of this commitment includes: an appropriate undergraduate degree with increasing responsibility in academia, construction or consulting, support of the profession by serving on committees, professional registrations, membership of the Geo-Institute or other related professional organizations. Demonstration of excellence and innovation in the field will include inventions and patents, published papers, articles or books, introduction of improvements to the industry, attainment of acknowledged leadership positions within the industry. Innovations incorporated into the practice are to be preferred to theoretical or suggested improvements that have not been implemented.

IV. The practicing engineer (or geologist) designation includes engineers in private practice, in government or in military service.

V. The Award will be made no more than annually and to only one person. No one may receive the Award more than once every 20 years. Should a qualified nomination not be made, the award shall not be given that year; and the award shall rotate to the next industry area. Nationality and Geo-Institute membership is not a consideration.

VI. The Award will be presented at the Annual Meeting of the Geo-Institute. It is desirable that the recipient’s career be observed at the meeting and appearing in an appropriate G-I publication.

VII. A nomination must include a curriculum vitae for the nominee and a clear description of the basis for the award, including a 20-words-or-less ending to the statement, “The Harry Schnabel Jr. Award is given to ____________ in recognition of (20 words or less).” The nomination shall be no longer than ten pages.

VIII. The recipient must be approved by the Geo-Institute Board of Governors. One copy of the nomination, accompanied by the appropriate supporting statements (i.e. letters of recommendation), shall reach G-I headquarters by August 15.

Previous Winners:

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>2008</td>
<td>DAVID WEATHERBY</td>
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Richard R. Torrens Award

Richard R. Torrens served ASCE for 17 years in the Publications Department at Headquarters and was Manager of Professional and Technical Publications at his untimely death in 1984. The high quality of ASCE’s Journals is in no small measure a result of his dedication and his support of the volunteer Journal editors. As a reflection of his distinguished service, the Richard R. Torrens Award will honor volunteer Journal editors who make outstanding contributions to the ASCE publications program. The award will be made by the ASCE Board Committee on Publications to a Journal editor whose contributions are considered outstanding. No more than one award shall be made in a single year, and it shall not be required that an award be made every year.

The award shall be funded out of the operating budget of the ASCE Board Committee on Publications.

The award shall consist of an appropriate certificate.

Awards have been made as follows:

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<tr>
<td>2006</td>
<td>KENNETH L. CARPER, M.ASCE</td>
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<td>2007</td>
<td>VIJAY G. PANCHANG, Ph.D., P.E., M.ASCE</td>
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<tr>
<td>2008</td>
<td>SASHI KUNNATH, Ph.D., P.E., and FIRDAUS UDWADIA, Ph.D.</td>
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<tr>
<td>2009</td>
<td>DAENE McKINNEY, Ph.D., P.E., D.WRE and VIJAY SINGH, Ph.D., D.Sc., P.E., P.H., D.WRE</td>
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<tr>
<td>2010</td>
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<td>2010</td>
<td>WILLIAM RITTER, Ph.D., P.E.</td>
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Student Organization Awards

Each year the most outstanding Student Organizations are awarded Distinguished Chapter Awards. These awards are presented by the Committee on Student Members.

In addition, a limited number of ASCE Student Organizations may be awarded Certificates of Commendation based on the quality of their general performance. The certificates are awarded by the President of the Society upon recommendation by the Committee on Student Members. Competition is keen, and the evaluation process involves scoring annual reports of activity submitted by the Student Organizations. The scoring formula, which is made available to accompany report forms, also serves as a recommended set of goals or guidelines. More frequent meetings, field trips, attendance at conferences, presentations of papers, and the undertaking of special projects are encouraged. While scores remain confidential, a Student Organization can grade itself in the statistical portion and estimate the subjective rating of the value of their special projects. The number of Student Organizations to receive Certificates of Commendation shall not exceed five percent of the total number of Student Organizations.

Those Student Organizations that miss receiving Certificates of Commendation, but still report outstanding activity may receive a Letter of Honorable Mention from the current President of the Society. ASCE publicizes these three lists, and makes Certificates of Outstanding Performance available to Sections for the Advisory Personnel to these winning Student Organizations. The most recent recipients were:

2013 Robert Ridgway Award Winner
University of Akron

2013 Robert Ridgway Award Finalists
Brigham Young University
California Polytechnic State University, San Luis Obispo
South Dakota School of Mines and Technology
University of Texas at Tyler

2013 Distinguished Chapter Awards
Region 1: United States Military Academy
Region 2: University of Pittsburgh
Region 3: University of Wisconsin-Platteville
Region 4: Rose-Hulman Institute of Technology
Region 5: University of Florida
Region 6: University of Texas at Tyler
Region 7: South Dakota School of Mines and Technology
Region 8: Brigham Young University
Region 9: California Polytechnic State University, San Luis Obispo

2013 Certificates of Commendation
Arizona State University
University of California, San Diego
California State Polytechnic University, Pomona
California State University, Long Beach
Colorado School of Mines
Fairmont State University
University of Nevada, Reno
Oregon State University
San Diego State University
San Jose State University
South Dakota State University
Tennessee Technological University
Vanderbilt University

2013 Letters of Honorable Mention
University of Alaska Anchorage
University of Arizona
Bradley University
Bucknell University
California State University, Chico
Carnegie Mellon University
University of Central Florida
The Citadel
Colorado State University
University of Evansville
Florida Atlantic University
Florida International University
Hong Kong University of Science and Technology
Iowa State University
Kansas State University
University of Louisiana at Lafayette
University of Louisville
University of Maine
Merrimack College
University of Miami
Milwaukee School of Engineering
University of Minnesota-Twin Cities
Minnesota State University, Mankato
University of Missouri-Columbia
University of Missouri-Kansas City
University of New Jersey Institute of Technology
Northeastern University
Northern Arizona University
Oklahoma State University Institute of Technology
University of the Pacific
HONORS AND AWARDS

Portland State University
Rensselaer Polytechnic Institute
University of South Alabama
Southern Illinois University Carbondale
University of Texas-Arlington

University of Texas-Austin
Texas Tech University
West Virginia University
University of Wisconsin-Madison
University of Wyoming

2013 Most Improved Award
California State University, Long Beach

2013 Letters of Significant Improvement
Bucknell University
California State University, Fresno
Carnegie Mellon University
Iowa State University
New Mexico Institute of Mining and Technology
Northern Arizona University
Northwestern University
University of South Alabama
Southern Illinois University Edwardsville
University of Virginia
University of Wisconsin-Madison

2013 Richard J. Scranton Outstanding Community Service Award
South Dakota School of Mines and Technology

2013 Letters of Recognition for Service
University of California, San Diego (Scranton Finalist)
California Polytechnic State University, San Luis Obispo (Scranton Finalist)
North Dakota State University (Scranton Finalist)
Tennessee Technological University (Scranton Finalist)

2013 Outstanding Faculty Advisor Awards
Region 1: Edward L. Hajduk, D.Eng., P.E., M.ASCE (University of Massachusetts-Lowell)
Region 4: Lori A. Troxel, Ph.D., P.E., F.ASCE, F.SEI (Vanderbilt University)
Region 6: Gayan Herath, M.ASCE (Oklahoma State University Institute of Technology)
Region 7: Thomas V. Edgar, Ph.D., P.E., M.ASCE (University of Wyoming)
Region 8: Thomas H. Miller, Ph.D., P.E., M.ASCE (Oregon State University)
Region 10: Haibei Xiong, C.Eng., A.M.ASCE (Tongji University)

Region 4: Paolo Scardina, A.M.ASCE (Virginia Tech)
Region 4: Jennifer L. Weidhaas, Ph.D., P.E., M.ASCE (West Virginia University)
Region 6: Robert B. Gilbert, Ph.D., P.E., M.ASCE (University of Texas at Austin)
Region 6: Michael J. McGinnis, Ph.D., P.E., M.ASCE (University of Texas at Tyler)
Region 7: M.R. Hansen, Ph.D., P.E., F.ASCE (South Dakota School of Mines & Technology)
Region 8: Paolo Scardina, A.M.ASCE (Virginia Tech)
Region 10: Charles-Darwin Annan, Ph.D., P.Eng, M.ASCE (Université Laval)
Region 8: Kelly A. Doyle, P.E., M.ASCE (University of Nevada, Reno)

2013 Practitioner Advisor Certificates of Commendation
Region 8: Walter C. Vodrazka, Jr., A.M.ASCE (University of Nevada, Las Vegas)

SOCIETY SCHOLARSHIPS

A Society Scholarship is defined as a cash award that a) serves to support the undergraduate education of civil engineering students AND b) advances the Society’s Purpose and Objective AND c) for which recipients shall be approved by the Executive Committee AND d) for which the Society has all supporting funds and rights of administration.
Complete applications for Society Scholarships are due to the Honors and Awards Program office by February 10.

**Lawrence W. and Francis W. Cox Scholarship**

Through the generosity of Mrs. Wahneta T. Hinrichs a scholarship bequest was established in 2008 as a memorial to her husband Francis W. Cox and his father Lawrence W. Cox. The interest proceeds of the scholarship are designated for undergraduate tuition assistance for students pursuing a degree in civil engineering.

**I. Eligibility**

a. At the time of application and award the individual must be a student enrolled as an undergraduate in an ABET accredited program in civil engineering or related field. Applicants must be a student member of the Society and in good standing at the time of application and award.

b. The scholarships may be awarded only to those students who will continue their formal undergraduate education at a recognized educational institution.

c. Previous recipients of these scholarships are eligible to apply in any succeeding competition for these awards provided the other requirements of eligibility are satisfied.

**II. Application**

Applications are to be submitted to ASCE’s Honors and Awards Program office for receipt by a date established by the Society Awards Committee. This date will be no later than March 1, in the year of the award. Application must include: (1) completed application form; (2) personal essay which shall be no more than 500 words and shall highlight why the applicant wishes to become a civil engineer, specific ASCE Student Chapter involvement, and long term goals and plans; (3) detailed annual budget; (4) official transcripts; (5) minimum of two recommendation letters to be completed by members of the faculty; and (6) one-page résumé.

**III. Selection**

a. All applications will be reviewed by the Society Awards Committee or their designee and approved by the Executive Committee of the Board of Direction.

b. The committee reserves the right to recommend that no award be made in a particular year if no meritorious applications are received.

c. Selection is based on appraisal of applicant’s essay, justification to receive the award, education plans, academic performance, potential for development, demonstrated leadership qualities, and financial need.

**IV. Awards**

a. The amount of the scholarship will be determined annually by and subject to approval of the Executive Committee of the ASCE Board of Direction based on the income from the fund endowment.

b. Only one scholarship may be awarded each year.

c. The recipient will be notified of selection in May by the Executive Director of the Society.

d. Award funds will be deposited to the recipient’s account with the business office of the institution designated by the recipient.

e. Funds may be applied to tuition expenses and academic fees reasonably and logically associated with an undergraduate engineering program while continuing formal undergraduate education.

Recent awards have been made as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Class</th>
</tr>
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<tbody>
<tr>
<td>2012</td>
<td>ROSS SIMONS, S.M.ASCE</td>
<td></td>
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<tr>
<td>2013</td>
<td>CAROLINE J. WILLIAMS,</td>
<td></td>
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<td>S.M.ASCE</td>
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</table>

**Eugene C. Figg, Jr. Civil Engineering Scholarship**

Through the generosity of the employees of Figg Engineering Group, a scholarship fund was established in 2002 as a memorial to Eugene C. Figg, Jr., F.ASCE, winner of the ASCE 2002 OPAL Award for Design. The interest proceeds of the fund are to be used to assist students interested in bridge design and construction to further their civil engineering education. Gene Figg dedicated his career, his company, and his life to creating “bridges as art.”
I. Eligibility:
   a. Any currently enrolled junior or senior civil engineering student in an ABET-accredited program who will be registered as an undergraduate in fall term of the year of award, is a United States citizen, is a Student Member of the Society in good standing at the time of application and award, and has a passion for bridges may apply for this scholarship.
   b. Scholarships may be awarded only to those students who will employ them to continue their formal undergraduate education at a recognized educational institution.
   c. Previous holders of these scholarships are eligible to apply in any succeeding competition for these awards provided the other requirements of eligibility are satisfied.

II. Application:
   a. Applications are to be submitted to the ASCE Honors and Awards Program office for receipt by a date established by the Society Awards Committee that is no later than March 1, year of award.
   b. Application must include: (1) completed application form; (2) statement by the applicant addressing his/her interest in bridge design or construction; (3) brief financial statement outlining how the applicant will finance his/her education if an award is granted; (4) official transcript; (5) résumé; and (6) minimum of two letters of recommendation to be completed by members of the faculty.

III. Selection:
   a. All applications will be reviewed by the Society Awards Committee. Upon receipt, copies of all applications will be transmitted to Figg Engineering Group.
   b. The committee may recommend more than one recipient or may recommend that no award be made in a particular year if no meritorious applications are received.
   c. Selection is based on appraisal of applicant’s justification, stated interest in bridge design and construction, education plans, academic performance, potential for development, demonstrated leadership qualities, financial need, and possible interview by the Figg Engineering Group. Costs for any interviews will be borne by the Figg Engineering Group.
   d. Final selection will be mutually agreed upon by the Figg Engineering Group and the Society Awards Committee. Should Figg Engineering Group decline to make a selection, the Society Awards Committee selection shall be final.
   e. The Society Awards Committee will submit final recommendations to the Executive Committee of the Society for consideration at its April meeting.

IV. Awards:
   a. The amount of the scholarship will be determined annually by and subject to approval of the Executive Committee of the ASCE Board of Direction based on the income from the fund endowment.
   b. The recipient(s) will be eligible to be considered for an internship opportunity by the Figg Engineering Group.
   c. Recipients will be notified of selection in May by the Executive Director of ASCE.
   d. Award funds will be deposited to the recipient’s account with the business office of the institution designated by the recipient. The scholarship is to be used for tuition expenses.

Recent awards have been made as follows:
2008 DEREK J. MANWILL, S.M.ASCE
2010 TYLER K. ANDREWS, S.M.ASCE
2011 ANTHONY T. KULESA, S.M.ASCE
2012 ERIK LARSON, S.M.ASCE
2013 MICHAEL J. MINGO, S.M.ASCE

John Lenard Civil Engineering Scholarship
The John Lenard Civil Engineering Scholarship was endowed in 2008 by John Lenard, P.E., F.ASCE to encourage students to further their civil engineering education with a focus on water supply or environmental engineering.

I. Eligibility
   a. The applicant must be a junior or senior student at the time of award majoring in civil engineering in an ABET-accredited program.
   b. The applicant must be an ASCE National Student Member in good standing at the time of application and award.
c. The applicant must demonstrate a commitment to either water supply or environmental engineering.

II. Application

Applications are to be submitted to the Honors and Awards Program office for receipt by a date established by the Society Awards Committee. This date will be no later than March 1 in the year of the award. Application must include: (1) completed application form; (2) statement by the applicant outlining the reasons the applicant should receive the scholarship, including financial need, as well as plans for continuing formal education and career goals; and how the award, if granted, will aid in his or her endeavors; (3) essay by the applicant on: What can the civil engineering profession do to improve the environment, and what would the applicant do as a civil engineer to improve the environment; (4) official transcripts; (5) minimum of two recommendation letters to be completed by members of the faculty; and (6) one-page résumé.

III. Selection

a. Selection of not more than two recipients is made by the Society Awards Committee or their designee and approved by the Executive Committee of the Board of Directors.

b. The committee reserves the right to recommend that no award be made in a particular year if no meritorious applications are received.

c. Selection is based on appraisal of applicant’s essay, justification to receive the award, education plans, academic performance, potential for development, demonstrated leadership qualities, and financial need.

IV. Awards

a. Only two scholarships may be awarded each year.

b. The amount of the scholarship will be determined annually by and subject to approval of the Executive Committee of the ASCE Board of Direction.

c. Recipients will be notified of selection in May by the Executive Director of ASCE.

d. Award funds will be deposited to the recipient’s account with the business office of the institution designated by the recipient.

e. Funds may be applied to tuition expenses and academic fees reasonably and logically associated with an undergraduate engineering program while continuing formal undergraduate education in an ABET-accredited program.

Recent awards have been made as follows:

2012 ANDREW EASTERLING, EIT, A.M.ASCE
2013 Julia A. Baaklini, S.M.ASCE and Tara C. Saber-Khiabani, SM.ASCE

Robert B. B. and Josephine N. Moorman Scholarship

Through the generosity of Robert B.B. and Josephine N. Moorman, a scholarship bequest was established in 2008 as a memorial to Robert B.B. Moorman who was a civil engineering professor at Polytechnic Institute of Brooklyn in Brooklyn, NY. The interest proceeds of the scholarship are designated for undergraduate tuition assistance for students pursuing a degree in civil engineering or civil engineering related field.

I. Eligibility

a. At the time of application and award the individual must be a student enrolled as an undergraduate in an ABET accredited program in civil engineering or related field. Applicants must be an ASCE National Student Member in good standing at the time of application and award.

b. The scholarships may be awarded only to those students who will continue their formal undergraduate education at a recognized educational institution.

c. Previous recipients of these scholarships are eligible to apply in any succeeding competition for these awards provided the other requirements of eligibility are satisfied.

II. Application

Applications are to be submitted to the Honors and Awards Program Office for receipt by a date established by the Society Awards Committee. This date will be no later than March 1, in the year of the award. Application must include: (1) completed application form; (2) personal essay which shall be no more than 500 words and shall highlight why the applicant wishes to become a civil engineer, specific ASCE Student Chapter involvement, and long term goals and plans; (3)
detailed annual budget; (4) official transcripts; (5) minimum of two recommendation letters to be completed by members of the faculty; and (6) one-page résumé.

III. Selection
a. Selection of the recipient is made by the Society Awards Committee or their designee for approval by the Executive Committee of the Board of Direction.
b. The committee reserves the right to recommend that no award be made in a particular year if no meritorious applications are received.
c. Selection is based on appraisal of applicant’s essay, justification to receive the award, education plans, academic performance, potential for development, demonstrated leadership qualities, and financial need.

IV. Awards
a. The amount of the scholarship will be determined annually by and subject to approval of the Executive Committee of the Board of Direction based on the income from the fund endowment.
b. Recipients will be notified of selection in May by the Executive Director of ASCE.
c. Award funds will be deposited to the recipient’s account with the business office of the institution designated by the recipient.
d. Funds may be applied to tuition expenses and academic fees reasonably and logically associated with an undergraduate engineering program while continuing formal undergraduate education.

Recent awards have been made as follows:


Samuel Fletcher Tapman ASCE Student Chapter Scholarships

Scholarships available for award to ASCE National Student Members are made possible through the generous bequest of Samuel Fletcher Tapman, M.ASCE, in 1961. The scholarships were established by the Board of Direction in 1961, the first awards being for the academic year 1962-1963.

I. Eligibility:
   a. Any currently enrolled freshman, sophomore, junior, or senior who will be registered as an undergraduate in an ABET-accredited program in civil engineering or related field the fall term of the year of award, is a member of his/her local ASCE Student Chapter, and is a Student Member of the Society in good standing at the time of application and award may apply for this scholarship. No more than one application may be submitted from the membership of any one Student Chapter.
   b. The scholarships may be awarded only to those students who will employ them to continue their formal undergraduate education in a recognized educational institution.
   c. Previous recipients may apply for consideration in succeeding competitions provided all other requirements of eligibility are satisfied.

II. Application:
   Applications are to be submitted to the Honors and Awards Program office for receipt by a date established by the Committee on Scholarships that is no later than March 1, year of award. Application must include: (1) completed application form; (2) statement by the applicant of the reasons believed to justify an award to him or her, as well as plans for continuing his/her formal education; (3) brief financial statement outlining how the applicant will finance his/her education if an award is granted; (4) official transcript; (5) résumé; and (6) minimum of two letters of recommendation to be completed by the Student Chapter Faculty Advisor and at least one other member of the faculty.

III. Selection:
   a. A total of 12 applicants may be selected each year to receive an award.
   b. Selection is made by the Society Awards Committee for approval of the Executive Committee of the Board of Direction.
   c. Selection is based on appraisal of the applicant’s justification of award, educational plan, academic performance and standing, potential for development, leadership capacity, ASCE activities, and financial need.

IV. Awards:
a. Recipients will be notified of their selection in May by the Executive Director, ASCE.
b. The amount of the scholarship will be determined annually by and subject to approval of the Executive of the Board of Directors based on the income from the fund endowment.
c. The awards will be deposited to the awardee’s account with the business office of the institution designated in his/her application. Equal withdrawals can be made by the awardee for each term of the academic year.

Recent awards have been made as follows:

2009
LAURA A. DIVEL, S.M.ASCE;
SRIKANTH J. KUMAR, S.M.ASCE;
MARCUS A. MILLER, S.M.ASCE;
STEPHANIE L. PETERS, S.M.ASCE;
LINDAY B. SMITH, S.M.ASCE;
WADE B. SMITH, S.M.ASCE

2010
GINNIA ARAUJO, S.M.ASCE;
OLGA A. BELTSAR, S.M.ASCE;
JOHN S. COBURN, S.M.ASCE;
THANH DO NGOC, S.M.ASCE;
PAMELA C. ERICKSON, S.M.ASCE;
BRANDON G. HICKS, S.M.ASCE;
JOSEPH P. MOELLER, S.M.ASCE;
VINCENT N. MUESER, S.M.ASCE

2011
BRYLLE JAN B. CABACUNGAN,
MARIAN ALICEA, S.M.ASCE;
JULIA BBAKLINI, S.M.ASCE;
THANH DO NGOC, S.M.ASCE;
PAMELA C. ERICKSON, S.M.ASCE;
BRANDON G. HICKS, S.M.ASCE;
JOSEPH P. MOELLER, S.M.ASCE;
VINCENT N. MUESER, S.M.ASCE;
S. M. ASCE;
S. M. ASCE;
S. M. ASCE

2012
MARIAN ALICEA, S.M.ASCE;
JULIA BBAKLINI, S.M.ASCE;
TYLER BEDUHN, S.M.ASCE;
CARLOS FLORES-GARAY,
S. M. ASCE;
S. M. ASCE;
S. M. ASCE

2013
Todd D. Atkins, S.M.ASCE; Garin
Hughes, S.M.ASCE; RACHEL M.
JAMES, S.M.ACE; KURT W.
MELVIN, S.M.ASCE; ALEXANDRA
OREN, S.M.ASCE; CRISTOBAL
ROBLES, S.M.ASCE; MICHELLE
RUBERG, S.M.ASCE; DONALD A.
SHAW, S.M.ASCE; ROSS A.
SIMONS, S.M.ASCE; EMILY G.
SUMNER, S.M.ASCE; SAMUEL
SUTTON, S.M.ASCE

B. Charles Tiney Memorial ASCE Student Chapter Scholarship

Through the generosity of Mrs. Hazel M. Tiney, a scholarship bequest was established as a memorial to B. Charles Tiney, M.ASCE, in 1980. The proceeds of the memorial fund are for tuition assistance to needy and deserving college students who are studying in the field of engineering. The scholarship fund was approved by the Board of Direction in May 1980.

I. Eligibility:

a. Any currently enrolled freshman, sophomore, junior, or senior who will be registered as an undergraduate in an ABET-accredited program in civil engineering or related field the fall term of the year of award, is a member of his/her local ASCE Student Chapter, and is a Student Member of the Society in good standing at the time of application and award may apply for this scholarship.
b. Scholarship funds are generally applied to tuition expenses while continuing formal undergraduate engineering education at an accredited educational institution.
c. Financial need and educational standing will be considered in selecting recipients.
d. Previous recipients may apply for consideration in succeeding competitions provided all other requirements of eligibility are satisfied.

II. Application:

a. Applications are to be submitted to the Honors and Awards Program office for receipt by a date established by the Society Awards Committee that is no later than March 1, year of award.
b. Application must include: (1) completed application form; (2) statement by the applicant of the reasons believed to justify the award to him/her, specifically including financial need, as well as plans for continuing formal education; (3) detailed financial plan for additional financing if an award is granted; (4) official transcript; (5) résumé; and (6) minimum of two letters of recommendation to be completed by the Student Chapter Faculty Advisor and at least one other member of the faculty.

III. Selection:

a. Selection will be made by the Society Awards Committee for approval by the Executive Committee of the Board of Direction.
b. The committee may recommend more than one recipient, or may recommend that no award
be made in a particular year, if no meritorious applications are received.
c. Selection is based on appraisal of applicants’ justification, educational plans, academic
performance, potential for development, leadership capacity, ASCE activities, and finan-
cial need.

IV. Awards:
   a. The amount of the scholarship will be determined annually by and subject to approval of
      the Executive Committee of the Board of Direction based on the income from the fund
      endowment.
   b. Recipients will be notified of selection in May by the Executive Director of the Society.
   c. Award funds will be deposited to the recipient’s account with the business office of the
      institution designated by the recipient.

Recent awards have been made as follows:
2010  BRITTANY L. GUNKEL, S.M.ASCE
2011  ETHAN J. MATHERN, S.M.ASCE
       and TODD B. PAULY, S.M.ASCE
2012  DeANN BROWN, S.M.ASCE

Y. C. Yang Civil Engineering Scholarship

Through the generosity of Y. C. Yang, Chairman of T.Y. Lin & Y.C. Yang International, a scholarship
fund was established in 2004 to foster interest in structural engineering and to encourage students to
further their civil engineering education. Mr. Yang, a renowned structural engineer, has overseen the
design and construction of hundreds of projects including medium-to-high rise buildings, highway and
railway bridges in the United States and Taiwan, and several airports, including San Francisco Interna-
tional Airport, Oakland Airport, Detroit Metropolitan Airport, and Chiang Kai Shek International Air-
port in Taipei, Taiwan.

I. Eligibility:
   a. Any currently enrolled junior or senior civil engineering student in an ABET-accredited
      program who will be registered as an undergraduate in fall term of the year of award, is a
      Student Member of the Society in good standing at the time of application and award, and
      expresses an interest in structural engineering may apply for this scholarship.
   b. Scholarships may be awarded only to those students who will employ them to continue
      their formal undergraduate education at a recognized educational institution.
   c. Previous holders of these scholarships are eligible to apply in any succeeding competition
      for these awards provided the other requirements of eligibility are satisfied.

II. Application:
   a. Applications are to be submitted to the Honors and Awards Program office for receipt by a
      date established by the Society Awards Committee that is no later than March 1, year of
      award.
   b. Application must include: (1) completed application form; (2) statement by the applicant
      addressing his/her interest in structural engineering; (3) brief financial statement outlining
      how the applicant will finance his/her education if an award is granted; (4) official tran-
      script; (5) résumé; and (6) minimum of two letters of recommendation to be completed by
      members of the faculty.

III. Selection:
   a. Selection will be made by the Society Awards Committee for approval by the Executive
      Committee of the Board of Direction.
   b. The committee may recommend more than one recipient or may recommend that no award
      be made in a particular year if no meritorious applications are received.
   c. Selection is based on appraisal of applicant’s justification, stated interest structural engi-
      neering, education plans, academic performance, potential for development, demonstrated
      leadership qualities, financial need.

IV. Awards:
   a. The amount of the scholarship will be determined annually by and subject to approval of
      the Executive Committee of the ASCE Board of Direction based on the income from the
      fund endowment.
   b. Recipients will be notified of selection in May by the Executive Director of ASCE.
c. Award funds will be deposited to the recipient’s account with the business office of the
institution designated by the recipient. The scholarship is to be used for tuition expenses.

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipients</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>MAHILIA K. MILLER, S.M.ASCE and SUSAN M. SMITH, S.M.ASCE</td>
</tr>
<tr>
<td>2010</td>
<td>RICHARD L. EMBERLEY, S.M.ASCE</td>
</tr>
<tr>
<td>2011</td>
<td>GRETCHEN E. HEBERLING, S.M.ASCE and STEPHEN J. KILBER, S.M.ASCE</td>
</tr>
<tr>
<td>2012</td>
<td>JULIUS DOAN, S.M.ASCE and BURAK KAYNAK, A.M.ASCE</td>
</tr>
<tr>
<td>2013</td>
<td>Corey Walker, S.M.ASCE</td>
</tr>
</tbody>
</table>

**SOCIETY FELLOWSHIPS**

A Society Fellowship is a cash award that a) serves to support the graduate education of civil engineering students AND b) advances the Society’s Purpose and Objective AND c) for which recipients shall be approved by the Executive Committee and d) for which the Society has all supporting funds and rights of administration.

Complete applications for Society Fellowships are due to the Honors and Awards Program office by February 10.

**Trent R. Dames and William W. Moore Fellowship**

The Trent R. Dames and William W. Moore Fellowship was established in 1990 by the partners of Dames and Moore in honor of the firm’s founders for the purpose of advancing the science and profession of engineering and to enhance the overall welfare of mankind. The income of the $100,000 fund is provided for the exploration of new applications of geotechnical engineering or the earth sciences to social, economic, environmental and political issues.

I. Grants are made biennially as long as there are meritorious applications received. The fellowship may be awarded to co-researchers in a single project or divided among multiple projects as long as appropriate funds are available. Previous fellowship holders are eligible to reapply.

II. Applicants must be practicing engineers or earth scientists, professors or graduate students. Membership in the Society is not a requirement for the award.

III. Each application shall include: (a) description of proposed research and its objectives. (b) statement from the institution at which the research is to be done that the applicant and proposed research are acceptable to that institution. (c) statement of the purposes for which the funds are expected to be used.

IV. Applications are forwarded to the appropriate technical divisions for review. Selection of recipients is made by the Society Awards Committee and approved by the Executive Committee of the Board of Direction based on the following: (a) technical and social value of the proposed research. Preference is given to research which will contribute to the solution of conflicting engineering issues involving social, economic, environmental or political concerns or compromises; (b) ability of the proposed research to meet the overall objectives of the fellowship; (c) relevant professional experience, previous research or course of study either as a practitioner or in academia; (d) prior contribution to the engineering profession and/or the applied earth sciences.

V. Applications are to be received by a date established by the Society Awards Committee that is no later than March 1, and awards made by May for a twelve-month period beginning not later than the following October 1.

VI. The amount of the scholarship will be determined annually by and subject to approval of the Executive Committee of the ASCE Board of Direction based on the income from the fund endowment.

VII. Each recipient is required to submit a progress report six months after the commencement of the project and a final report, suitable for publication, to the Executive Director of the Society on completion of the tenure of the fellowship.

Recent awards have been made as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipients</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>BARRY C. McMENAGLE and JAMES A. SCHNEIDER</td>
</tr>
<tr>
<td>2010</td>
<td>TARAKA RAVI S. MULLAPUDI, S.M.ASCE and CHRISTOPHER J. SANDT, S.M.ASCE</td>
</tr>
</tbody>
</table>
**Freeman Fellowship**

The Freeman Fund was established in 1924 by John R. Freeman, Past President and Honorary Member, ASCE. The income from the fund is to be used in the aid and encouragement of young engineers, especially in research work for objectives as indicated in the rules.

In addition to the Society’s Freeman Fund, Mr. Freeman established similar trusts with the Boston Society of Civil Engineers and the American Society of Mechanical Engineers. In 1949 ASME and ASCE entered an informal agreement by which each would award a fellowship every other year, in alternating years. In 1989 ASCE decided to award the Fellowship every year.

I. The recipient will be selected on the basis of the quality of the application which shall be submitted to the Honors and Awards Program office for receipt by a date established by the Society Awards Committee that is no later than March 1, year of the award. Recipient will be notified of selection in May by the Executive Director of the Society.

II. Grants are made toward expenses for experiments, observations, and compilations to discover new and accurate data that will be useful in engineering.

III. Each application shall include a brief application form as well as a statement of the purposes for which the funds are expected to be used.

IV. The fellowship encompasses a broad possibility of scholarly work including support for publication, translation, travel or as a grant for a notable publication. Emphasis is on hydraulic science and art.

V. Travel grants are limited to members younger than 45 years.

VI. Selection of recipients is made by the Society Awards Committee and approved by the Executive Committee of the Board of Direction.

VII. The amount of the scholarship will be determined annually by and subject to approval of the Executive Committee of the ASCE Board of Direction based on the income from the fund endowment.

Recent awards have been made by ASCE as follows:

- **2009** ALEXIA M. BILLINGSLEA-BROWN, S.M.ASCE and TAHA HOSSEIN RASHIDA, S.M.ASCE
- **2010** BRIAN R. ELLIS, S.M.ASCE and RANDY A. COOK, A.M.ASCE
- **2011** RYAN R. MORRISON, P.E., S.M.ASCE
- **2012** ARKAMITRA KAR, S.M.ASCE and RONALD GUTIERREZ, BCE, C.ENG, S.M.ASCE
- **2013** HOSSEIN SADEGHI, SM.ASCE; FAZEH AZHARI, P.Eng., S.M.ASCE; and KRISTIN R. DAUER, S.M.ASCE

**J. Waldo Smith Hydraulic Fellowship**

This fellowship was established by the Board of Direction of the Society in 1938 and was made possible by J. Waldo Smith, past Vice President and Hon.M.ASCE, who bequeathed funds to the Society.

I. The fellowship is offered every third year. It runs for one full academic year and provides financial assistance determined by and subject to approval of the Executive Committee of the ASCE Board of Direction based on the income from the fund endowment. The fellowship is for the purpose of supplying physical equipment connected with the research. Such equipment becomes the property of the institution upon completion of the work.

II. Applications for the fellowship come through the various institutions applying. The recipient will be selected on the basis of the quality of the application. Applications must be received at ASCE Headquarters by a date established by the Committee on Scholarships that is no later than March 1, year of award. Recipient will be notified of selection in May by the Executive Director of the Society.

III. Each application shall include a brief application form as well as a statement of the purposes for which the funds are expected to be used.

IV. Administration is in part through the institution which invites cooperation, through its engineering faculty.

V. The award is made to that graduate student, preferably an Associate Member of the Society, who gives promise of best fulfilling the ideals of the fellowship.
VI. Under the provisions adopted by the Board, the scope of the fellowship should be restricted to research in the field of experimental hydraulics as distinguished from that of purely “theoretical hydraulics.” To this end, emphasis is to be placed on practical experiments designed and executed for the purpose of advancing knowledge with respect to the laws of hydraulic flow, rather than to the type of research which proceeds on the theory of mathematical based on assumptions of unknown validity. The essence of the purpose of the research is to test the assumptions which are currently made, and also to develop a better understanding of fluid flow.

VII. Selection of the recipient is made by the Society Awards Committee or its designee for approval by the Executive Committee of the Board of Direction.

Recent awards have been made as follows:

2003 MARY-HALIS L. ALKIS
2006 JEANNE CLAIRE ARCENEAUX and SCOTT EMERSON ENGLISH
2009 JAMES D.S. CULLIS
2012 NIKOLAOS APSILIDIS, S.M.ASCE

Arthur S. Tuttle Fellowship

Through the generosity of ASCE President, Arthur S. Tuttle, a fellowship bequest was established in 1983. The proceeds of the memorial fund are for tuition assistance to students during the first year of graduate studies in Civil Engineering.

I. Eligibility:
   a. Applicants must be members of the Society, in any grade, and must be in good standing at the time of application and the time of award.
   b. Scholarship funds are generally applied to tuition expenses during civil engineering graduate study leading to the Masters degree in an accredited educational institution.
   c. Financial need and educational standing will be considered in selecting recipients.

II. Application:
   a. Applications are to be submitted to the Honors and Awards Program office for receipt by a date established by the Society Awards Committee that is no later than March 1, year of award.
   b. Application must include: (1) completed application form; (2) statement by the applicant of the reasons believed to justify scholarship assistance, specifically including financial need, as well as plans for continuing formal education; (3) detailed financial plan outlining how the applicant will finance his/her education if an award is granted; (4) official transcript; (5) résumé; and (6) minimum of two letters of recommendation, one of which must be completed by a faculty member.

III. Selection:
   a. Selection will be made by the Society Awards Committee for approval by the Executive Committee of the Board of Direction.
   b. The committee may recommend more than one recipient, or may recommend that no award be made in a particular year, if no meritorious applications are received.
   c. Selection is based on appraisal of applicants’ justification, educational plans, academic performance, potential for development, leadership and financial need.

IV. Awards:
   a. The amount of the scholarship will be determined annually by and subject to approval of the Executive Committee of the Board of Direction based on the income from the fund endowment.
   b. Recipients will be notified of selection in May by the Executive Director of the Society.
   c. Awards funds will be deposited to the recipient’s account with the business office of the institution designated by the recipient.

Recent awards have been made as follows:

2009 DEREK J. MANWILL, S.M.ASCE
2010 LAWSON S. BORDLEY, S.M.ASCE and MITCHELL C. TAYLOR, S.M.ASCE
2012 ANTHONY KULEŠA, S.M.ASCE; CHRISTOPHER GIFFORD-MIEARS, S.M.ASCE; TSZ YIU, A.M.ASCE
2013 TYLER J. BEDUHN, S.M.ASCE; JINGYU LEE, S.M.ASCE; RACHAEL BRONSON, S.M.
SCHOLARSHIPS, FELLOWSHIPS AND BEQUESTS
PROVIDED BY ORGANIZATIONAL ENTITIES

The O. H. Ammann Research Fellowship
In Structural Engineering

The O. H. Ammann Fellowship in Structural Engineering was endowed in 1963 by O. H. Ammann, Hon.M.ASCE, for the purpose of encouraging the creation of new knowledge in the field of structural design and construction. The generous endowment was increased in 1985 by Klary V. Ammann (widow of O. H. Ammann) toward the continuation of the purpose and ideal of the fellowship. Applications are to be submitted to the Director of the Structural Engineering Institute of ASCE, for receipt by November 1, the year before the award. Recipient will be notified of selection in May by the Director of the Institute.

I. The stipend for the Fellowship shall be determined by the Structural Engineering Institute based upon available funds but shall not be less than $5,000. The following year of award, recipient may apply (prior to November 1) for a renewal, additional stipend to be determined annually by Structural Engineering Institute based on funds available from the endowment.

II. Applicants must be members of the Society in any grade, or applicants for membership.

III. A Committee of the Structural Engineering Institute will recommend a recipient to the Director of the Institute.

IV. Citizens of countries other than the United States may apply, if they are eligible under Rule II.

V. During the tenure of this fellowship, the recipient may not work on research projects other than that for which this fellowship has been granted; but recipients may accept other awards if the conditions of such awards are the same as those for this fellowship.

VI. Selection for the award of the grant is made on the basis of the following:
   a. transcripts of scholastic records;
   b. evidence to indicate that the applicant has the ability to conceive and explore original ideas in the field of structural engineering;
   c. description of proposed research and its objectives, including a statement from the institution at which the research is to be done that the applicant and proposed research are acceptable to the institution.

VII. Each application shall include a statement of the purposes for which the funds are expected to be used.

VIII. The Research Fellow is required to submit a full report on completed research to the Director of the Institute. The manuscript for such reports must be prepared in conformity with Society publication standards and subject to review for possible publication.

Recent awards have been made as follows:

2009 TAKARA RAVI SHANKAR MULLAPUDI, S.M.ASCE
2010 FERNANDO MOREU, S.M.ASCE
2011 RACHEL HOWSER, S.M.ASCE
2012 MEGAN McCULLOUGH, S.M.ASCE
2013 SARAH BOBBY; ERICA FISCHER, S.MASCE; ERIC KJOLSING, MBA, P.E., S.M.ASCE; and TENG WU, S.M.ASCE

James H. Brace Bequest

On October 17, 1957, the Board of Direction accepted a bequest by James H. Brace, M.ASCE, the proceeds of which are available, in nominal sums, to engineers faced with unemployment, financial hardship, or other special circumstances for payment of their ASCE membership dues.

Any unemployed, underemployed or engineer faced with financial hardship should contact ASCE to request a Brace Fund application. If you would like to make a tax-free, charitable donation to the Brace Fund to support engineers who are unemployed or facing financial difficulty, please mail your contribution to: ASCE-Accounting, PO Box 79084, Baltimore, MD 21279-0084. Include “Brace Fund Bequest” in the check memo line and make the check payable to ASCE. You may also call 800-548-2723 or (703) 295-6300 to make a contribution.
CI Construction Engineering Scholarship and Student Prizes
The Construction Engineering Scholarship is endowed by gifts made by friends of the Construction Division (now the Construction Institute) in conjunction with the 1975 Jubilee Year. It was officially instituted by action of the ASCE Board of Direction in April 1978.

I. Eligibility:
   a. Any undergraduate freshman, sophomore, or junior, enrolled in a civil engineering program with a concentration in construction engineering or construction management, who is a Construction Institute (CI) student member and/or ASCE National Student Member in good standing at the time of application and award.
   b. The scholarship may be awarded only to a student who will employ it to continue their formal undergraduate education at a recognized educational institution.
   c. Preference will be given to students enrolled in programs with an accredited Construction Management program.

II. Application:
   a. Applications are to be submitted to the Construction Institute at the ASCE headquarters office address for receipt by a date established by the Institute that is no later than March 15 of the year of award.
   b. Applications will be completed following the criteria established by the procedures set forth in the CI Scholarship Policy and Procedures Manual

III. Selection:
   a. Selection is made by a review committee designated by the Construction Institute.
   b. Selection is based on the criteria established by the procedures set forth in the CI Scholarship Policy and Procedures Manual.

IV. Awards:
   a. The sum of each scholarship to be awarded will be determined by the review committee based upon available funds.
   b. Recipients will be notified of their selection in May by a staff member of the Construction Institute.
   c. The awards will be deposited to the awardee’s account with the financial aid office of the institution designated in his/her application. Scholarship funds must be used for tuition expenses.

Recent awards have been made as follows:
2009 No scholarship was awarded  2012 KEITH MERKEL, S.M.ASCE
2010 ANDRES BORAL, S.M.ASCE  2013 NICHOLAS BRANDIS, S.M.ASCE
2011 DANIELLE ANTONELLIS, S.M.ASCE

Jack E. Leisch Memorial National Graduate Fellowship
The fellowship is a memorial to the outstanding professional accomplishments and contributions of Jack E. Leisch, M. ASCE to the fields of geometric design, traffic engineering and transportation planning. The fellowship is supported by the income from donations in Mr. Leisch’s honor.

I. Eligibility requirements:
   a. The fellowship will apply to the pursuit of full-time studies in eligible academic programs in highway geometric design, traffic engineering, traffic safety, and transportation planning with the emphasis on geometric design and traffic engineering.
   b. Applicants must be a member of the Society (Membership applications may be submitted with scholarship applications), and must be in good standing at the time of the award.
   c. Any full-time student who is enrolled in or admitted to a transportation/traffic engineering graduate degree program (master or doctoral) in Civil Engineering at a qualified university may apply. Transportation/highway/traffic engineering graduate programs feature principal course work in traffic engineering, geometric design, transportation planning, and/or transportation science.
   d. Applicants must be enrolled at a qualified university. Qualified universities are those whose undergraduate Civil Engineering program is accredited by the Accreditation Board for Engineering and Technology.
HONORS AND AWARDS 653

e. Selection is based on appraisal of the applicant’s justification, educational plan, academic performance and standing, potential for development, leadership capacity, and financial need.

f. Previous Jack E. Leisch Scholarship recipients are not eligible to reapply.

II. Application Packet must include:

a. Personal essay (500 words or less) on why you should receive this scholarship. The essay shall state academic and professional interest and actual or proposed thesis or dissertation topic;

b. A statement of financial need;

c. Minimum of three letters of recommendations. Recommendations must accompany the application in a sealed envelope. Only one copy of each recommendation is needed;

d. Copies of an official transcript and a list of graduate course work (completed and planned) with each application;

e. A one page resume should be attached which includes academic experience, GRE scores, honors, activities, organizations, ASCE student chapter activities including any offices held, and any work experience.

III. Procedure:

One original application package (containing items a through e) and 3 copies of all items (except item c, letters of recommendation, for which only the originals are required) should be received by the Transportation and Development Institute of ASCE by May 14.

IV. Award:

The amount of the award is expected to be up to $3500.00, depending on funds available from the endowment. The successful applicant must submit to ASCE proof of enrollment prior to receipt of the Fellowship.
## Glossary of Committee and Society Abbreviations

The following list has been prepared to aid ASCE members in identifying ASCE committees and other professional and trade groups frequently referred to by abbreviation only. The list is alphabetical by abbreviation and is updated and corrected annually.

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Name</th>
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<tbody>
<tr>
<td>AAA</td>
<td>American Arbitration Association</td>
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<tr>
<td>AAAS</td>
<td>American Association for the Advancement of Science</td>
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<tr>
<td>AABE</td>
<td>American Association of Blacks in Energy</td>
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<tr>
<td>AAEEES</td>
<td>American Academy of Environmental Engineers and Scientists</td>
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<tr>
<td>AAES</td>
<td>American Association of Engineering Societies</td>
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<tr>
<td>AASHTO</td>
<td>American Association of State Highway and Transportation Officials</td>
</tr>
<tr>
<td>AAWRE</td>
<td>American Academy of Water Resources Engineers, CEC</td>
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<tr>
<td>ABA</td>
<td>American Bar Association</td>
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<tr>
<td>ABC</td>
<td>Associated Builders and Contractors</td>
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<tr>
<td>ABET</td>
<td>Accreditation Board for Engineering &amp; Technology</td>
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<tr>
<td>ABET/ASAC</td>
<td>Applied Science Accreditation Commission of ABET</td>
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<tr>
<td>ABET/EAC</td>
<td>Engineering Accreditation Commission of ABET</td>
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<td>AC</td>
<td>Audit Committee</td>
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<tr>
<td>ACEC</td>
<td>American Council of Engineering Companies</td>
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<tr>
<td>ACECC</td>
<td>Asian Civil Engineering Coordinating Council</td>
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<td>ACI</td>
<td>American Concrete Institute</td>
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<tr>
<td>ACIL</td>
<td>American Council of Independent Laboratories</td>
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<tr>
<td>ACOPNE</td>
<td>Academy of Coastal Ocean Port and Navigation Engineers</td>
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<tr>
<td>ACSM</td>
<td>American Congress on Surveying and Mapping</td>
</tr>
<tr>
<td>ACWI</td>
<td>Advisory Committee on Water Information</td>
</tr>
<tr>
<td>AEI</td>
<td>The Architectural Engineering Institute of the American Society of Civil Engineers</td>
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<tr>
<td>AEPIC</td>
<td>Architecture and Engineering Performance Information Center</td>
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<tr>
<td>AFCEE</td>
<td>Air Force Center for Environmental Excellence</td>
</tr>
<tr>
<td>AFCESA</td>
<td>Air Force Civil Engineering Support Agency</td>
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<tr>
<td>AGC</td>
<td>Associated General Contractors of America, Inc.</td>
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<tr>
<td>AGP</td>
<td>Academy of Geo-Professionals</td>
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<td>AIA</td>
<td>American Institute of Architects</td>
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<td>AIAPP</td>
<td>American Institute of Aeronautics and Astronautics</td>
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<td>AICheE</td>
<td>American Institute of Chemical Engineers</td>
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<td>AIMME</td>
<td>American Institute of Mining, Metallurgical and Petroleum Engineers</td>
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<td>American Institute of Pollution Prevention</td>
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<td>American Institute of Steel Construction</td>
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<td>ALL</td>
<td>American League of Lobbyists</td>
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<td>American National Metric Council</td>
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<td>AOC</td>
<td>Agreement of Cooperation</td>
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<td>Automated People Movers</td>
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<td>American Public Transportation Association</td>
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<td>AREMA</td>
<td>American Railway Engineering and Maintenance-of-Way Association</td>
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<td>American Road and Transportation Builders Association</td>
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<td>American Society of Consulting Planners</td>
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<td>ASDSO</td>
<td>Association of State Dam Safety Officials</td>
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<td>ASEE</td>
<td>American Society for Engineering Education</td>
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<tr>
<td>ASFE</td>
<td>Professional Firms Practicing in the Geosciences</td>
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<td>ASHE</td>
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<td>ASHRAE</td>
<td>American Society of Heating, Refrigerating and Air-Conditioning Engineers</td>
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<tr>
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<td>ASPRS</td>
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<tr>
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<td>American Society for Training and Development</td>
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<td>American Welding Society</td>
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<td>Building Futures Council</td>
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<td>BIFIAC</td>
<td>Building Industry Flood Insurance Advisory Committee</td>
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<tr>
<td>BOD</td>
<td>Board of Direction</td>
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<td>BPIWG</td>
<td>Building Protection Interagency Working Group</td>
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<tr>
<td>BSSC</td>
<td>Building Seismic Safety Council</td>
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<tr>
<td>CAI</td>
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<tr>
<td>CAP</td>
<td>Committee on Advancing the Profession</td>
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<td>Council of American Structural Engineers</td>
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<td>CDI</td>
<td>Committee on Diversity and Inclusion, CAP</td>
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<td>CDRM</td>
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<tr>
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<tr>
<td>Acronym</td>
<td>Full Name</td>
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<tr>
<td>CECAR</td>
<td>Civil Engineering Conference in the Asia Region, ACECC</td>
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<td>CERL</td>
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<td>CII</td>
<td>Construction Industry Institute</td>
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<td>CIRI</td>
<td>Critical Infrastructure Response Initiative</td>
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<td>CIRT</td>
<td>Construction Industry Round Table</td>
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<tr>
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<td>Committee on Leadership and Management, CAP</td>
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<td>COL</td>
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<td>CRC</td>
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<td>Construction Users Roundtable</td>
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<td>DHF</td>
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<td>Department of Homeland Security</td>
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<td>D&amp;I</td>
<td>Diversity &amp; Inclusion</td>
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<td>Energy, Environment and Water Policy Committee, PPC</td>
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<td>Acronym</td>
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<tr>
<td>EJCDC</td>
<td>Engineer’s Joint Contract Documents Committee</td>
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<td>Engineers Without Borders</td>
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<td>EWRI</td>
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<td>FFC</td>
<td>Federal Facility Council</td>
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<td>Federal Highway Administration</td>
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<td>FIDIC</td>
<td>International Federation of Consulting Engineers</td>
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<td>FTA</td>
<td>Federal Transit Administration</td>
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<td>FWQA</td>
<td>Federal Water Quality Association</td>
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<td>GDC</td>
<td>Governing Documents Committee</td>
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<td>National Consortium for Graduate Degrees for Minorities in Engineering</td>
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<td>IABSE</td>
<td>International Association for Bridge and Structural Engineering</td>
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<tr>
<td>IAEE</td>
<td>International Association for Earthquake Engineering</td>
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<td>IAIP</td>
<td>Information Analysis and Infrastructure Protection</td>
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<td>IAWPR</td>
<td>International Association for Water Pollution Research</td>
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<td>IAWQ</td>
<td>International Association on Water Quality</td>
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<td>IBC</td>
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<td>ICE</td>
<td>Institution of Civil Engineers (United Kingdom)</td>
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<td>ICED</td>
<td>Interprofessional Council on Environmental Design</td>
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<tr>
<td>ICET</td>
<td>Institute for the Certification of Engineering Technicians</td>
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<tr>
<td>ICOLD</td>
<td>International Commission on Large Dams</td>
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<td>IEBC</td>
<td>International Existing Building Code</td>
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<td>IEEE</td>
<td>The Institute of Electrical and Electronics Engineers, Inc.</td>
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<td>IEIC</td>
<td>International Institute for Energy Conservation</td>
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<td>ILC</td>
<td>Industry Leaders Council</td>
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<td>International Residential Code</td>
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<td>ISI</td>
<td>Institute for Sustainable Infrastructure</td>
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<td>Abbreviation</td>
<td>Full Form</td>
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<tr>
<td>ISO</td>
<td>International Organization for Standardization</td>
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<td>I-SPAN</td>
<td>Infrastructure Security Professional Advisory Network</td>
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<td>ISSMGE</td>
<td>International Society of Soil Mechanics and Geotechnical Engineering, GI</td>
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<td>IStructE</td>
<td>The Institution of Structural Engineers (United Kingdom)</td>
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<tr>
<td>ITE</td>
<td>Institute of Transportation Engineers</td>
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<td>ITS</td>
<td>American Intelligent Transportation Society of America</td>
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<td>IVHS</td>
<td>Intelligent Vehicle Highway Systems</td>
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<td>JAECFC</td>
<td>Joint A-E Committee on Federal Construction</td>
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<td>Key Contact Committee, PPC</td>
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<tr>
<td>LTC</td>
<td>Leader Training Committee, MCC</td>
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<td>MARC</td>
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<td>Minority Engineering Education Effort</td>
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<td>MOM</td>
<td>Monuments of the Millennium</td>
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<td>MRLC</td>
<td>Multi-Region Leadership Conference</td>
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<td>NACAC</td>
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<td>National Action Council for Minorities in Engineering</td>
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<td>NACO</td>
<td>National Association of Counties</td>
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<td>National Academy of Engineering</td>
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<td>National Academy of Forensic Engineers</td>
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<td>National Association of Multicultural Engineering Program Advocates</td>
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<tr>
<td>NAS-NRC</td>
<td>National Academy of Science-National Research Council</td>
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<td>Naval Facilities Engineering Command</td>
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<td>NCCI</td>
<td>National Council for Construction Information</td>
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<td>NCEES</td>
<td>National Council of Examiners for Engineering and Surveying</td>
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<tr>
<td>NCSBSCS</td>
<td>National Conference of States on Building Codes and Standards</td>
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<tr>
<td>NCSEA</td>
<td>National Council of Structural Engineers Associations</td>
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<tr>
<td>NEWF</td>
<td>National Engineers Week Foundation (DiscoverE)</td>
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<tr>
<td>NEWFCE</td>
<td>New Faces of Civil Engineering</td>
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<tr>
<td>NFFESC</td>
<td>Naval Facilities Engineering Services Center</td>
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<tr>
<td>NFI</td>
<td>Naval Facilities Institute</td>
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<td>NFPA</td>
<td>National Fire Protection Association</td>
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<td>NIBS</td>
<td>National Institute of Building Sciences</td>
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<td>NICET</td>
<td>National Institute for Certification in Engineering Technologies</td>
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<tr>
<td>NIEE</td>
<td>National Institute for Engineering Ethics</td>
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<tr>
<td>NIST</td>
<td>National Institute of Standards and Technology (formerly NBS)</td>
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<td>National Society of Black Engineers</td>
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<td>Acronym</td>
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<tr>
<td>NSF</td>
<td>National Science Foundation</td>
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<td>National Society of Professional Engineers</td>
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<td>National Transportation Policy Committee</td>
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<td>NTSB</td>
<td>National Transportation Safety Board</td>
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<tr>
<td>OCEA</td>
<td>Outstanding Civil Engineering Achievement Award</td>
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<tr>
<td>OPAL</td>
<td>Outstanding Projects and Leaders Award</td>
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<tr>
<td>OTC</td>
<td>Offshore Technology Conference</td>
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### REGION SUBDIVISIONS

**ASCE Count of Membership by Sections and Regions**

**As of September 30, 2013**

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<th>Subdivisions</th>
<th>ASCE Count</th>
<th>Head</th>
<th>Year</th>
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</thead>
<tbody>
<tr>
<td>Region 1</td>
<td>Boston Society of C.E. (3950), Buffalo (487), Connecticut Society of C.E. (1528), Ithaca (236), Maine (712), Metropolitan (4229), Mohawk-Hudson (1112), New Hampshire (727), New Jersey (4409), Puerto Rico (538), Rhode Island (441), Rochester (338), Syracuse (462), Vermont (374)</td>
<td>19,543</td>
<td>Mark P. Rusnica</td>
<td>2014</td>
</tr>
<tr>
<td>Region 2</td>
<td>Central Pennsylvania (1120), Delaware (330), Lehigh Valley (574), Maryland (2012), National Capital (3069), Philadelphia (2050), Pittsburgh (1744)</td>
<td>10,899</td>
<td>Christopher J. Menna</td>
<td>2016</td>
</tr>
<tr>
<td>Region 3</td>
<td>Akron-Canton (475), Central Illinois (798), Central Ohio (808), Cincinnati (632), Cleveland (837), Dayton (346), Duluth (268), Illinois (3250), Michigan (2378), Minnesota (1380), North Dakota (256), Quad Cities (182), Toledo (319), Wisconsin (1971)</td>
<td>13,900</td>
<td>John A. Frauenhoffer</td>
<td>2015</td>
</tr>
<tr>
<td>Region 4</td>
<td>Arkansas (611), Indiana (1982), Kentucky (935), North Carolina (2529), South Carolina (1649), Tennessee (2396), Virginia (2881), West Virginia (596)</td>
<td>13,579</td>
<td>David B. Peterson</td>
<td>2015</td>
</tr>
<tr>
<td>Region 5</td>
<td>Alabama (1644), Florida (6979), Georgia (2503), Louisiana (2168), Mississippi (955)</td>
<td>14,249</td>
<td>William P. Grogan</td>
<td>2014</td>
</tr>
<tr>
<td>Region 6</td>
<td>New Mexico (758), Oklahoma (875), Texas (9407)</td>
<td>11,040</td>
<td>Kenneth B. Morris</td>
<td>2016</td>
</tr>
</tbody>
</table>
REGION SUBDIVISIONS

REGION 7
Colorado (3714), Iowa (908), Kansas (736),
Kansas City (1347), Nebraska (661), South
Dakota (415), St. Louis (1499), Wyoming
(338)
Region 7 Total 9,618
F. Jay Burress 2016

REGION 8
Alaska (856), Arizona (2114), Columbia (310),
Hawaii (1010), Inland Empire (484), Montana
(516), Nevada (1182), Oregon (2052), Seattle
(2242), Southern Idaho (576), Tacoma-
Olympia (512), Utah (1464)
Region 8 Total 13,318
Kristina L. Swallow 2015

REGION 9
Los Angeles (7957), Sacramento (2573), San
Diego (1859), San Francisco (5858)
Region 9 Total 18,247
Jennifer B. Epp 2014

REGION 10
APOs (80), Australia (587), Bangladesh (217),
Canada (2279), Costa Rica (86), Egypt (193),
Hellenic Section (181), Hong Kong (397),
India (4642), Indonesia (100), Japan (270),
Mexico (328), Nigeria (496), Panama (46),
Philippines (289), Saudi Arabia (256),
Singapore (157), Thailand (139), Republic of
Colombia (109), United Arab Emirates (507),
U.S. Territories (33), All others outside of
North America (7228)
Region 10 Total 18,620
Himansu K. Banerjee 2016

TECHNICAL REGION
Architectural Engineering Institute (5873),
Coasts, Oceans, Ports & Rivers Institute
(3486), Construction Institute (15952),
Engineering Mechanics Institute (1946),
Environmental & Water Resources Institute
(22596), Geo-Institute (10912), Structural
Engineering Institute (25232), Transportation
& Development Institute (15529)
(Institute figures above are included in
geographic region counts as well)
Institute Only 2,143
Total Membership 145,156
Billy L. Edge 2014
Brian R. Manning 2015
Region 10: ASCE International Sections and Groups
GEOGRAPHIC REGION DISTRIBUTION*

Subdivision of North America into Regions

Region 2: Central Pennsylvania, Delaware, Lehigh Valley, Maryland, National Capital, Philadelphia, Pittsburgh
Region 3: Akron-Canton, Central Illinois, Central Ohio, Cincinnati, Cleveland, Dayton, Duluth, Illinois, Michigan, Minnesota, North Dakota, Quad-City, Toledo, Wisconsin
Region 4: Arkansas, Indiana, Kentucky, North Carolina, South Carolina, Tennessee, Virginia, West Virginia
Region 5: Alabama, Florida, Georgia, Louisiana, Mississippi
Region 6: New Mexico, Oklahoma, Texas
Region 7: Colorado, Iowa, Kansas, Kansas City, Mid-Missouri, Nebraska, South Dakota, St. Louis, Wyoming
Region 8: Alaska, Arizona, Columbia, Hawaii, Inland Empire, Montana, Nevada, Portland, Southern Idaho, Tacoma-Olympia, Utah
Region 9: Los Angeles, Sacramento, San Diego, San Francisco
Region 10: the remaining geographic territory, including Canada and Mexico

*NOTE: Map is only a general state-by-state representation. See listing to the left for locations of individual sections.
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