

Founded in 1852, the American Society of Civil Engineers (ASCE) represents more than 150,000 members of the civil engineering profession worldwide and is America's oldest national engineering society. With the vision of civil engineers as global leaders building a better quality of life, ASCE is dedicated to delivering value to its members, advancing civil engineering, and protecting the public health, safety, and welfare.

Leadership and Organization: In 2018-2019, the Society's Board of Direction is led by President Robin A. Kemper, P.E, LEED AP, F.SEI, F.ASCE, Past President Kristina Swallow, P.E., ENV SP, F.ASCE, President-Elect Kancheepuram "Guna" N. Gunalan, Ph.D., P.E., D.GE, F.ASCE, and Executive Director Thomas W. Smith III, ENV SP, CAE, F.ASCE, leads the Society's more than 250 staff members. ASCE's membership is organized into nearly 400 local affiliates, which include 75 Sections, 158 Branches, and 130 Younger Member Groups.

Engineering Programs: Each year, more than 6,000 civil engineering professionals contribute volunteer technical expertise that benefits the Society and the profession through participation on ASCE technical committees. These committees are housed in the divisions of the Committee on Technical Activities (CTA) or in the Society's institutes.

The efforts of these volunteers advance the profession in many ways including the numerous conferences held each year and the creation of practice manuals, journals and standards. As an ANSI-accredited standards development organization, ASCE committees use an established and audited process to produce consensus standards under a program supervised by the Society's Codes and Standards Committee.

To recognize eminence in selected specialty areas, the Society established a wholly owned entity called Civil Engineering Certification Inc. (CEC). CEC houses three academies—the Academy of Geo-Professionals, the Academy of Coastal, Ocean, Port & Navigation Engineers and the American Academy of Water Resources Engineers—to develop and to administer the designation of board-certified diplomates in their specialties.

The Society has nine institutes created to serve professionals working within specialized fields of civil engineering. ASCE's nine institutes include the Architectural Engineering Institute (AEI); the Coasts, Oceans, Ports and Rivers Institute (COPRI); the Construction Institute (CI); the Engineering Mechanics Institute (EMI); the Environmental and Water Resources Institute (EWRI); the Geo-Institute (G-I); the Structural Engineering Institute (SEI); the Transportation and Development Institute (T&DI); and the Utility Engineering & Surveying Institute (UESI). ASCE's Committee on Technical Advancement (CTA) focuses on additional specialty areas: Aerospace Engineering, Cold Regions Engineering,

Computing in Civil Engineering, Energy, Forensics Engineering, Infrastructure Resilience, Wind Engineering and Adaptation to Climate Change.

Professional Activities: ASCE is dedicated to helping its members navigate the issues currently affecting the profession, including licensure, ethics, employment, business practices, career development, leadership, and management.

ASCE's Career Connections benefits both employers and job seekers. The Society also offers a variety of mentoring opportunities through the online eCareer Mentor tool and resources for local Section and Branch programs.

In its efforts to transmit knowledge to the profession and the public, ASCE publishes the *Journal of Management in Engineering*, *ASCE Guidelines for Engineering Grades*, *Career Paths in Civil Engineering*, *Guidance on Licensing and Ethical Responsibilities for Civil Engineers*, *The ASCE Code of Ethics: Principles, Study, and Application*, and the manuals of practice, *How to Select and Work Effectively with Consulting Engineers (No. 45)* and the *Guide to Hiring and Retaining Great Civil Engineers (No. 103)*.

The Society is also a link in the Order of the Engineer and a partner in the Emerging Leaders Alliance (ELA). The ELA provides a training program to help younger engineers develop key leadership functions including team building, managing change and innovation. In addition, ASCE conducts a Peer Review for Public Agencies program and has a strategic partnership with Engineers Without Borders - USA (EWB), a nonprofit humanitarian organization that works to improve the quality of life in the developing world through the voluntary involvement of engineers and engineering students.

ASCE strongly supports inclusion of talented civil engineers from diverse backgrounds and values their contributions, skill sets, and broad professional experiences. The Society spearheads strategic partnerships with diversity-focused engineering organizations, develops resources for engineers and employers to foster inclusivity in the workplace, and works to maintain active representation of civil engineering in national *Science, Technology, Engineering, and Mathematics (STEM)* diversity initiatives.

Educational Activities: ASCE developed the *Civil Engineering Body of Knowledge for the 21st Century: Preparing the Civil Engineer for the Future* that outlines the knowledge needed for entry into the professional practice of engineering. ASCE promotes future requirements for additional education beyond the bachelor's degree to attain professional engineer status. As a member of ABET Inc., ASCE develops specific program criteria used in the civil engineering and civil engineering technology accreditation processes. ASCE is a leader in ABET's accreditation efforts, recruiting and training Program Evaluators (PEVs) to visit and evaluate an average of 80 engineering programs around the world annually.

ASCE also supports the formal education of civil engineers through initiatives such as the nationally acclaimed ExCEEEd (Excellence in Civil Engineering Education) Teaching Workshops that help to develop college faculty into effective teachers, and the Practitioner and Faculty Advisor Training Workshop that helps to improve the leadership skills of advisors to ASCE's 353 student chapters. Activities such as the ASCE National

Concrete Canoe Competition also offer hands-on design and construction planning experience and the excitement of competing and networking with peers from other colleges and universities.

ASCE's Pre-College Outreach Program increases awareness, understanding and interest in civil engineering among preK-12 grade students to develop a large and diverse population of future engineers and knowledgeable citizens. ASCE members volunteer their time to the STEM education community by providing hands-on activities about civil engineering, educating young people about the many ways civil engineers make a positive difference in the world, informing students how they can become an engineer, and mentoring bright and motivated students in Civil Engineering Clubs™. ASCE supports members in these efforts by providing educational resources, such as videos, activity guides, and informative brochures for all age groups; member training on proven STEM strategies and messaging, both in-person and through media available at any time; and complete instructions on how to set up and run Civil Engineering Clubs™. To see our complete suite of resources, please visit <https://www.asce.org/pre-college-outreach>.

One of the major initiatives involves outreach centered around the giant-screen film "Dream Big: Engineering Our World." In addition to the film, now available on DVD and on Netflix, there are over 65 hands-on activities, 10 educational webisodes, and other materials that support civil engineering outreach. <http://www.discovere.org/dreambig>

Publications: ASCE is the world's largest publisher of civil engineering content. The Publications Division produces 35 professional journals, conference proceedings, standards, manuals of practice, technical reports, and monographs under the ASCE Press imprint. The ASCE corporate website hosts the society's bookstore. In addition, Publications maintains the online [ASCE Library](#) providing access to journal articles published since 1983, conference proceedings since 2000, and over 450 e-books—well over 1.5 million pages of technical information.

ASCE publishes *Civil Engineering*, the Society's award-winning monthly flagship magazine; *ASCE News*, included within *Civil Engineering*; and a weekly e-newsletter *ASCE News*. The Society also publishes *Geo-Strata*, a bi-monthly magazine, on behalf of its Geo-Institute.

Conferences and Continuing Education: Each year, more than 55,000 engineers earn continuing education units (CEUs) and/or professional development hours (PDHs) by participating in ASCE's continuing education programs. ASCE hosts more than 15 annual and specialty conferences, over 200 continuing education seminars and more than 300 live Web seminars. In addition, ASCE offers customized on-site training, hundreds of online programs, including webinars on-demand and in-depth online courses, as well as live and on-demand P.E. exam review courses on the web. ASCE will hold its 2019 Convention in Miami on Oct. 10-13, 2019. For more information and a complete listing of ASCE continuing education program and conferences, visit the [education and careers](#) and [conferences and events](#) sections of the ASCE website.

Government Relations & Infrastructure Initiatives: ASCE is the voice of the civil engineering profession in federal and state policymaking. The Society's federal priority issues include infrastructure improvement and investment, drinking water and wastewater, water resources infrastructure, transportation and related infrastructure, natural hazards mitigation and infrastructure security, sustainable development and sustainable energy use, qualifications-based selection (QBS) for engineering services and STEM education. State priority issues include continuing education, licensing, STEM education, QBS engineering services, sustainability, and transportation infrastructure and related financing.

Through its *Infrastructure Report Card*, Fix the Trust Fund campaign website, #GameChangers project, and *State Infrastructure Report Cards*, ASCE has become widely recognized for its efforts to engage the public as informed advocates for the renewal and development of America's public works.

ASCE's Key Contact Program keeps members apprised of critical national issues affecting the civil engineering profession, offering them the opportunity to engage with federal and state lawmakers and advocate on behalf of the profession. ASCE's Annual Legislative Fly-In that brings 200 civil engineers to Capitol Hill is scheduled for March 12-14, 2019.

The Society's Government Relations office is located at 101 Constitution Ave., NW, Suite 375 East, Washington, D.C. 20001. Call 202-789-7850 or email govwash@asce.org.

Media Relations: ASCE maintains an award-winning program devoted to enhancing public awareness and understanding of civil engineering and its impact on society. Stories featuring ASCE and its members have appeared in *The Wall Street Journal*, *The New York Times*, *USA Today*, *The Washington Post*, *Business Week*, the *Los Angeles Times*, *Engineering News-Record*, and on National Public Radio, NBC's *Today Show*, *60 Minutes*, *CBS Evening News* and HBO's *Last Week Tonight with John Oliver*, among many others.

The *2017 Infrastructure Report Card* and the *Failure to Act* economic study garner ASCE media mentions daily, even years after release. In addition to national reach, ASCE members across the country participate in interviews in their communities. With the Report Card's state facts and State Report Cards, ASCE conducts regular outreach to state media with locale-specific information, ensuring greater media attention and more stories.

By establishing and cultivating relationships with news outlets and reporters, ASCE has become a trusted resource, providing expert commentary during the reporting of breaking news related to civil engineering and infrastructure, such as the train derailments, the Atlanta and Florida bridge collapses, and hurricanes.

Honors and Awards: ASCE honors civil engineers through a well-developed recognitions program of more than 90 Society Awards that showcase the profession's commitment and achievements in all civil engineering disciplines. Honors and awards include the Outstanding Projects And Leaders (OPAL) leadership awards in the categories of

construction, design, education, government and management; the Outstanding Civil Engineering Achievement (OCEA) award for projects; Henry L. Michel Award for Industry Advancement of Research; and Charles Pankow Award for innovation. Information about ASCE's awards, including the profession's highest accolade, [Distinguished Membership](#), can be found on the awards section of the ASCE website. The Society also supports student members in good standing through 12 Society [scholarships](#) and Society [fellowships](#).

International Activities: ASCE is committed to sharing and growing the civil engineering body of knowledge worldwide. The Society serves 25,000 members who reside in 177 countries outside the United States, representing about 17 percent of our total membership. ASCE has Agreements of Cooperation with 86 engineering organizations in 66 countries, and supports 19 International Sections, one International Branch, 16 International Groups and 62 International Student Chapters. ASCE also represents the global interests of the U.S. civil engineering community as a member of international alliances such as the World Federation of Engineering Organizations, the Pan American Federation of Engineering Associations, and the Asian Civil Engineering Coordinating Council.

Finances: ASCE is a 501(c)(3) tax-exempt educational, scientific, and charitable organization with assets of \$67 million and net assets (assets less liabilities) of more than \$49 million. The Society earns its revenue from member dues, publication sales, continuing education courses, conferences, royalties, contributions, and investments. The fiscal 2018 consolidated budget for ASCE and its affiliates totals \$62 million.

ASCE Foundation: Founded in 1994 as the philanthropic arm of the American Society of Civil Engineers, the ASCE Foundation (a separate 501(c)3) supports programs that enable ASCE to influence the future of the civil engineering profession. During the last 20 years, the Foundation has provided more than \$25 million in funding thanks to members' charitable gifts. In 2017, the Foundation's goal was to raise and immediately grant to ASCE \$1.7 million in funds. It does this through a robust fundraising program that includes annual, major and planned gifts. All gifts to the Foundation are tax-deductible. For more information, visit the [Foundation website](#).

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