RESILIENT INFRASTRUCTURE FOR A CHANGING PLANET
Welcome & Awards Ceremony
12:15 – 1:45 p.m.

Margaret S. Petersen Award
For an outstanding woman in environmental and water resources

Barbara E. Spang Minsker, Ph.D., M.ASCE
Barbara E. Minsker’s research uses information technology and “Big Data” to improve understanding and management of coupled environmental and human systems, with a focus on water, sustainability, and resilience. She has received numerous awards for her research, including the National Science Foundation CAREER Award, Presidential Early Career Award for Scientists and Engineers, the American Society of Civil Engineers (ASCE) Walter L. Huber Civil Engineering Research Prize, and Fellow in the ASCE Environmental and Water Resources Institute (EWRI).

Minsker has developed and taught courses on authentic leadership, environmental systems analysis, sustainability, and data literacy. She employs experiential and project-based learning, where students engage in highly interactive classroom and field experiences and learn from reflecting on those experiences. She has also written two books on work-life balance.

Minsker has extensive leadership experience, for which she received the EWRI Outstanding Achievement Award and Service to the Profession Award. She has led national research initiatives such as the WATERS Network and two successful EWRI task committees, served as Associate Provost Fellow for the University of Illinois sustainability initiative, and was founder and President of two startup organizations.

Minsker is a licensed Professional Engineer in the State of Texas. Prior to joining SWU in 2016, Dr. Minsker was Professor and Arthur and Virginia Nauman Faculty Scholar in the Department of Civil and Environmental Engineering at the University of Illinois Urbana-Champaign. Minsker was previously a policy analyst consultant to the Environmental Protection Agency. She earned a B.S. in Operations Research and Industrial Engineering with Distinction and a Ph.D. in Civil and Environmental Engineering from Cornell University.

Professional Practice Ethics and Leadership Award
Recognizes civil engineering leadership in professional practice and ethics

Yvette E. Pearson, Ph.D., P.E., F.ASCE
Yvette E. Pearson is Associate Dean for Accreditation, Assessment, and Strategic Initiatives in the George R. Brown School of Engineering at Rice University. A Fellow of the American Society of Civil Engineers (ASCE), she is recognized for more than two decades of contributions to engineering education, focused largely on research and practice to increase participation of students from excluded identities in STEM education and careers. Her vision is to help organizations achieve what she terms “ubiquitous inclusion” (UI) so that diversity, equity, and inclusion become a universal standard of practice.

Pearson chairs ASCE’s Formal Engineering Education Committee, a subcommittee of the Committee on Sustainability and is vice chair of ASCE’s Committee on Diversity and Inclusion. She was the 2018 recipient of ASCE’s Professional Practice Ethics and Leadership Award “for her role in the development of Canon 8 of the ASCE Code of Ethics...” Among her other awards and honors are the University of Texas Regents’ Outstanding Teaching Award, UT Arlington Provost’s Award for Excellence in Teaching (of which she is a two-time recipient), Southern University College of Engineering’s Teacher of the Year, and, in 2013, recognition as one of the Top 25 Women Professors in Texas. Prior to joining Rice, Pearson was a program director in the Division of Undergraduate Education at the National Science Foundation, where she managed a roughly $70 million award portfolio.

Originally from Baton Rouge, Louisiana, Pearson holds a B.S. in Civil Engineering and an M.S. in Chemistry from Southern University, a Ph.D. in Engineering and Applied Science from The University of New Orleans, and a Graduate Certificate in Educational Research Methodology from the University of Illinois at Chicago. She is a registered Professional Engineer in Louisiana and Program Evaluator (PEV) for the Engineering Accreditation Commission (EAC) of ABET.

Lifetime Achievement Award
The Lifetime Achievement award is presented to members who are judged to have advanced the profession, exhibited technical competence, and significantly contributed to public service, research, or practice in the environmental and water resources profession.

Peggy A. Johnson, Ph.D., F.EWRI, M.ASCE
Peggy Johnson is currently the Dean of the Schreyer Honors College and a Professor of Civil Engineering at Penn State University, where she had been a faculty member since 1994. As the Dean of the Schreyer Honors College, she oversees Honors Scholars, representing the top 2 percent of Penn State students across all disciplines, and teaches courses on leadership. From 2006 to 2015, she was the Head of the Civil and Environmental Engineering Department at Penn State. Prior to coming to Penn State, she served on the faculty of the Civil and Environmental Engineering Department at the University of Maryland. Over her nearly three decades as a Professor in Civil Engineering, she has conducted research and taught classes in the areas of hydraulic engineering, bridge scour, stream restoration, reliability analyses, and river mechanics. She has published numerous papers on these topics and supervised the dissertations and theses of dozens of Ph.D., M.S., and B.S. students. She was the President of EWRI from 2012 to 2013 and is a Fellow of EWRI. She received the ASCE Hans Albert Einstein award in 2016 for her contributions in the use of sediment transport for the evaluation and design of in-stream control structures and stream restoration projects and the use of uncertainty and risk management for scour analyses. She also received the EWRI Outstanding Woman of the Year award in 2012. In addition to winning several teaching awards, Dr. Johnson won the National Science Foundation Young Investigator award and in 1995, she won the NSF Presidential Faculty Fellow award. She received a Master’s degree in 1988 and a Ph.D. in 1990, both from the Civil and Environmental Engineering department at the University of Maryland.

Peter S. Eagleson, Ph.D., P.E., M.ASCE
Peter Eagleson is an American hydrologist, and author of Dynamic Hydrology and Ecohydrology: Darwinian Expression of Vegetation Form and Function. He has held professional positions including member of the National Academy of Engineering (since 1982) and President of the American Geophysical Union from 1986-1988. He has won many awards including the Stockholm International Water Institute’s World Water Prize in 1997.

Eagleson’s research interests include dynamic hydrology, hydroclimatology, and forest ecology. His early research was on sediment transport and wave theory. He published multiple articles and
book chapters about these subjects. It was not until 1964 that he significantly narrowed his focus to hydrology. In 1967 Eagleston along with some of his students, published six papers in Water Resources Research. These papers immediately impacted the field of hydrology.

Robert G. Traver, Ph.D., P.E., D.WRE, F.EWRI, F.ASCE

Robert Traver is a nationally and internationally recognized leader in water resources management, Traver is the founding director of the Villanova Center for the Advancement of Sustainability in Engineering (VCASE) and the Villanova Urban Stormwater Partnership (VUSP). He holds the distinctions of Diplomate, Water Resources Engineer and Fellow in both the American Society of Civil Engineers (ASCE) and the Environmental and Water Resources Institute (EWRI). Widely published in highly respected journals, in 2010 Dr. Traver co-authored the National Resources Council report on Urban Stormwater in the United States.

A member of the ASCE’s external panel charged with investigating the failure of New Orleans’s levee system during Hurricane Katrina, Traver co-authored the follow-up report “What Went Wrong and Why.” He also is cited for his work in spearheading “Flood Risk Management – Call for a National Strategy,” a comprehensive report made available to the public in 2014. That same year, the ASCE honored Dr. Traver with its William H. Wisely American Civil Engineer Award, which recognizes individuals who have exhibited continuing efforts to better the technical and professional activities of the Society.

Though he spends time serving nationally on numerous committees and task forces, Traver’s top priority is Villanova. At the University, he is recognized as a dedicated teacher who brings his research into his graduate and undergraduate classes. Throughout his career, he has successfully obtained external funding to support both his research and 40 graduate students who have come through the program. He also has been a mentor to several young faculty members.

Service to the Institute Award

The Service to the Institute Award is given in recognition of extensive and outstanding service to the Institute.

Jerry Rogers, Ph.D., P.E., D.WRE, Dist.M.ASCE

Jerry R. Rogers served on the EWRI Founding Task Committee under Chair Conrad G. Keys, Jr., from 1997 to 1999 and was appointed by the ASCE President to the first two National EWRI Boards in 1999-2001. Besides inviting initial EWRI committee chairs, Dr. Rogers became EWRI nominations chair for confirming initial EWRI Board members. Also, Dr. Jerry Rogers founded and chaired for many years the EWRI History and Heritage Committee in 1999 which has been the only ASCE Institute history committee. EWRI HHC coordinates EWRI history sessions at EWRI annual congresses and special EWRI history symposia and EWRI/ASCE publications. For the EWRI 20th Anniversary, Dr. Rogers chaired an EWRI Task Committee to plan the 20th Anniversary and Achievements Activities, including six EWRI history sessions and two posters with several history papers in a special EWRI 2010 Proceedings section.


Rogers has received the EWRI Lifetime Achievement Award, the William H. Wisely American Civil Engineer Award, Distinguished Member ASCE, the National Civil Engineering History & Heritage Award.

Urban Water Resources Research Council Founders’ Award

This award was established to honor the Founders of EWRI’s Urban Water Resources Research Council, pioneers in the fields of urban water management and stormwater research.

Alexander Charles Rowney, P.Eng, D.WRE, F.EWRI, M.ASCE

Charles Rowney was a community-builder and a teacher at heart. In business, he exemplified the highest ethical and professional standards. He believed that water resources and sustainable urban infrastructure required diverse communities from a wide-ranging set of expertise. Using his background in both biology and engineering, Charles helped unite these communities to create approaches to sustainable urban water infrastructure that were more well-rounded. The highlights of his career include helping to establish the National Center for Infrastructure Modeling and Management, serving as a member of the Board of Directors for the Urban Watershed Research Institute, teaching as a Senior Research Fellow at the University of Texas at Austin, and managing private practice that was active across the United States, Canada, and internationally. He tirelessly served the Environmental and Water Resources Institute of ASCE in many roles including serving as Chair of the Technical Area Executive Committee (EXCOM), serving multiple years on the Urban Water Resources Research Council Control Group, serving as Chair of the Learning Council, and guiding the formation of the Municipal Water Infrastructure Council, among others.

As a model developer and user, Charles authored and contributed to the development of receiving water and groundwater simulation software in rural, urban, river, lake, and coastal systems. He also had extensive experience in assessing needs and solutions in enterprise data management, with a focus on multi-disciplinary linkages and interoperability.

Community and collaboration were the tenants Charles held most dear, and that ideal is representative of why so many of us feel the loss of Charles from our midst so acutely. Charles treated everyone he encountered with the same friendliness and respect and welcomed their contributions, regardless of position or title. For Charles it was never about his own successes, but whether his actions enabled others to accomplish more.
Visiting International Fellows
This fellowship is granted annually to increase the participation of water resources and environmental professionals from developing countries in EWRI conferences, and to promote sustained professional and cultural exchange.

Manish Kumar Goyal, Ph.D.
India
Sabita Aryal Khanna
Nepal
Wally Mutungwa Rwand
a

EWRI Fellows
EWRI Fellowship is granted to those who have been a member of EWRI for 10 or more years and have demonstrated accomplishments that have contributed significantly to the advancement or application of water resources or environmental engineering, science, and technology.

Michael Buechler, P.E., D.WRE, F.EWRI
Shirley E. Clark, Ph.D., P.E., D. WRE, F.EWRI
Jane Clary, M.S., LEED-AP, CPESC, F.EWRI
Scott Struck, Ph.D., ENV SP, PWS, F.EWRI

Arid Lands Hydraulic Engineering Award
This award recognizes original contributions in hydraulic engineering, planning, irrigation and drainage, hydroelectric power development, navigation applicable to arid or semi-arid climates, or contributions to the understanding and development of new technology in river basins.

Jorge A. Ramirez, Ph.D.
Jorge Ramirez is professor of Civil and Environmental Engineering at Colorado State University (CSU) since 1990, with a focus on water resources, hydrologic, and environmental sciences and engineering. He received a Ph.D. in hydrometeorology from MIT in 1988, a M.S. in hydrology and water resources from MIT in 1982, and a B.S. in civil engineering from the School of Mines of the National University of Colombia in 1981. In addition to CSU, Dr. Ramirez has held academic and research positions with renowned international institutions such as the Swiss Federal Institute of Technology (ETHZ) in Switzerland, the Center for Environmental Research and Monitoring (CIWMA) in Italy, the National University of Colombia in Medellin, and the Water Resources University in Hanoi, Vietnam. Dr. Ramirez teaches both undergraduate and graduate courses in engineering and physical hydrology and in quantitative hydroecology. Dr. Ramirez has received numerous teaching and research awards including the University Honors Program Professor of the Year Award in 2012, the George T. Abell Research Excellence Award of the College of Engineering in 2011, the AGU - Water Resources Research Editor's Choice Award in 2014, the ASCE-EEWRI Best Research Paper Award in 2004 and 1997, and the Colorado Governor's Recognition Award for High Impact Research for, "Quantifying the Current and Future Vulnerability of the United States Water Supply System," in 2011. Dr. Ramirez has served on many science and technology committee panels including for the National Science Foundation, and he has consulted for the United Nations Development Programme at the National Institute of Hydrology in India, the Korean Water Resources Corporation, and the hydroelectric power sector of Colombia.

Journal of Hydrologic Engineering
Best Case Study
Chulsong Yoo
Jinwook Lee
Myungseob Lee

Best Discussion
David C. Froehlich, Ph.D., P.E., D.WRE, M.ASCE
Discussion of “Improving Prediction of Dam Failure Peak Outflow Using Neuroevolution Combined with K-Means Clustering” by Amir Hossein Eghbali, Kourosh Bezhadian, Farhad Hooshvarpor, Raziyeh Farmani, and Andrew P. Duncan’, by David C. Froehlich, original in Journal of Hydrologic Engineering, 22(6), Discussion in JHE 23(5)

Best Technical Note
Glenn E. Moglen, F. ASCE
**Best Associate Editor**
For exemplary performance of his duties as an Associate Editor for the ASCE Journal of Hydrologic Engineering.
Tommaso Moramarco, Ph.D.

**Best Technical Paper**
Yiliu Feng, Ph.D.
Kaye L. Brubaker, Ph.D., A.M.ASCE
Richard H. McCuen, Ph.D., M.ASCE

---

**Tuesday | May 21 (continued)**

**Planning & Management Council Luncheon & Awards**
12:15 – 1:45 p.m.

**Julian Hinds Award**
The Julian Hinds Award recognizes the author or authors of a paper that is judged to be the most meritorious contribution to the field of water resources development. The award may also be made to an individual for notable performance, long years of distinguished service, or specific actions that advanced engineering in the field of planning, development, and management of water resources.

*Thomas Walski, Ph.D., P.E., D.WRE, F.EMI, F.ASCE*
Tom Walski is a Bentley Fellow at Bentley Systems and has over 40 years of experience as a researcher, engineer and manager at several water and wastewater organizations, university professor, trainer and software developer. He has written several hundred journal and conference papers and is author or co-author of several books.

**Service to the Profession**
This award recognizes and honors a person for outstanding leadership, activities, and achievement in service to the profession in the field of water resources planning through the institute, councils, local sections, or other organizational units of the Society.

*Eric Loucks P.E., D.WRE, M.ASCE*
Eric Loucks joined ASCE in 1988 when he took his first job as an engineering consultant in Itasca, Illinois. Within a few months, he was organizing dinner seminars and modeling short courses on behalf of the Environmental Engineering and Water Resources (EE&WRI) Technical Committee of the ASCE Illinois Section. He would later chair the Section’s Finance Committee as well as EE&WRI. He led the effort to host an ASCE specialty conference on Water Resources Planning and Management and Environmental Engineering in Chicago in 1998 and served as the Technical Program Chair for the WRPMD portion of the program.
Loucks has served on EWRI technical committees since the Institute’s founding. His service includes chairing the Planning and Management Council from 2007 to 2009 and then representing the council on the Technical Area Coordination Executive Committee from 2009 to 2015. He served as EWRI treasurer during 2015 and 2016 and is currently chair of the Technical Executive Committee and a member of the Governing Board. He has been involved in the planning and delivery of numerous EWRI congresses and served as the Technical Program Chair for the 2012 EWRI World Environmental and Water Resources Congress in Albuquerque as well as congress chair for the 2015 congress in Austin.
Loucks is a Registered Professional Engineer in Texas, Illinois, and Wisconsin and is a Diplomate in the American Academy of Water Resources Engineers. He currently employed by the Watershed Protection Department of the City of Austin Texas where he works as the supervising engineer of the Stream Restoration and Stormwater Treatment Section.

**Journal of Water Resources Planning and Management Best Research Oriented Paper**
Riccardo Taormina
Stefano Galelli, M.ASCE

**Quentin Martin Best Practice Oriented Paper**
Charles Rougé
Julien J. Harou
Manuel Pulido-Velazquez
Evgenii S. Matrosov
Paola Garrone
Riccardo Marzano
Antonio Lopez-Nicolás
Andrea Castelletti
Andrea-Emilio Rizzoli

**Best Policy Oriented Paper**
Isabel Andrade
Carlos Oliveira Cruz, M.ASCE
Joaquim Miranda Sarmento

**Best Seminal Paper Award**
John W. Labadie, Ph.D., P.E., M.ASCE

**Best Associate Editor Award for the Journal of Water Resources Planning and Management**
Enrico Creaco, Ph.D.

**Best Reviewer Award for the Journal of Water Resources Planning and Management**
Bryan Karney, Ph.D., P.E., M.ASCE
Justin Delorit, Ph.D., P.E.
Irrigation & Drainage Council Luncheon and Awards
12:15 – 1:45 p.m.

Royce J. Tipton Award
The Royce J. Tipton Award recognizes outstanding contributions to the advancement of water and soil aspects of irrigation by software development, promoting application or new technologies, and through public and professional service.

James L. Fouss, Ph.D., P.E., M.ASCE
James Fouss is recognized as a world leader in agricultural drainage. From 1960 to 1972, he conducted original and pioneering research and development of 4in. dia. polyethylene (PE) plastic corrugated-wall drainage tubing and the laser-beam automatically controlled plow-type equipment for rapid and accurate subsurface drainage installation. From 1976 - 1982 as Vice President, Research and New Product Development for Hancon, he administered and technically directed all phases of research and new product development and/or improvement in drainage, agricultural water management and residential on-site waste disposal. He was lead inventor on 13 U.S. and foreign patents, and co-inventor on five additional patents for the products developed that included new types of plastic drain pipes, enhanced plow-type drain installation equipment, and a rotomolded plastic septic tank.

Fouss has been active in the American Society of Civil Engineers (ASCE) and the American Society of Agricultural and Biological Engineers (ASABE) during his career. He served on several committees of the old ASCE Irrigation and Drainage Division He was co-chair of the ASABE Third National Drainage Symposium and general chair of the Sixth International Drainage Symposium and has served on numerous ASABE drainage committees.

Fouss has authored more than 160 technical journal articles, bulletins, conference proceedings, 10 book chapters, 16 U.S. & 2 foreign patents (while in industry), and many technical reports and private engineering consulting reports on corrugated plastic pipe design. He retired from USDA-ARS in 2011 after a distinguished 41 year career with as an agricultural engineer and research leader.

Journal of Irrigation and Drainage Engineering

Best Reviewer
Blake Tullis, Ph.D., M.ASCE
Ali R. Vatankhah, Ph.D.

Best Discussion
Mohammadali Ghavidel
Salah Kouchakzadeh, Ph.D.
Mohammad Bijankhan, Ph.D., Aff. M.ASCE
Gilles Belaud, Ph.D.


Honorable Mention Paper Award
Yi Yi Ma, Ph.D.
David Zhu, Ph.D., P.E., M.ASCE
Nallamuthu Rajaratnam, Ph.D., P.E., M.ASCE
Bert van Duin, P.E., M.ASCE


Honorable Mention Paper Award
Aghil Yari
Chandra A. Madramootoo, Ph.D.
Shelley A. Woods, Ph.D.
Viccheslav I. Adamchuk, Ph.D.
Hsin-Hui Huang

(2017) “Assessment of Field Spatial and Temporal Variabilities to Delineate Site-Specific Management Zones for Variable-Rate Irrigation,” Journal of Irrigation and Drainage Engineering, 143(9): 04017037

Best Paper Award
Jie Zeng, Ph.D., P.E., M.ASCE
Liqiong Zhang, Ph.D., P.E., M.ASCE
Matahel Ansar, P.E.
Emile Domisse, P.E., M.ASCE
Juan A. Gonzalez-Castro, Ph.D., P.E., M.ASCE


Best Paper Award
Zhorab Samani, Ph.D.


Hydraulics & Waterways Council Luncheon & Awards Lecture
12:15 – 1:45 p.m.

Hunter Rouse Hydraulic Engineering Award
The Hunter Rouse Hydraulic Engineering Award is presented to a distinguished person in the field of hydraulic engineering.

Heidi M. Nepf, Ph.D., M.ASCE
Heidi Nepf is a Professor of Civil and Environmental Engineering at MIT. She received a Ph.D. in Civil Engineering from Stanford University (1992), and was a Postdoctoral Fellow at the Woods Hole Oceanographic Institution before arriving at MIT in 1993. She is internationally known for her work on the impact of vegetation on flow and transport in rivers, wetlands, lakes and coastal zones. In recognition for this work, she was awarded a US National Science Foundation Career Award. Dr. Nepf also served on the National Research Council panel charged with the review of the Army Corps plans for restoration and protection of the Louisiana coastline. She is a member of the Fluid Mechanics Steering Committee of IAHR and has served or is serving on the editorial boards of Limnology and Oceanography, Water Resources Research, Environmental Fluid Mechanics, and Journal of Hydraulic Engineering.

Visit EWRICongress.org
Karl Emil Hilgard Prize
The Karl Emil Hilgard Hydraulic Prize is presented to the author or
authors of the paper that is judged to be of superior merit in dealing
with a problem of flowing water, either in theory or in practice.
Anna Maria Ferreira da Silva, A.M.ASCE
Mohsen Ebrahimi
(2017) “Meandering Morphodynamics: Insights from Laboratory
and Numerical Experiments and Beyond,” Journal of Hydraulic
Engineering, 143(9): 03117005

Hydraulic Structures Medal
The Hydraulic Structures Medal is awarded to an individual or
individuals for significant contributions to the advancement of the
art and science of hydraulic engineering as applied to hydraulic
structures.
Tony L. Wahl, P.E., M.ASCE
Tony L. Wahl has worked 29 years in the Bureau
of Reclamation Hydraulics Laboratory after
earning B.S. and M.S. degrees at Colorado
State University. Tony has done a wide variety
of hydraulic structures-related work in his career
and has specialized in providing useful software
tools to the profession. In the early 1990s he wrote the widely used
WinADV program to post-process velocity data collected from the first
ADVs, and a few years later he led the development of WinFlume,
a program used to calibrate and design long throat shaped flumes, the
modern choice for critical flow measurement structures.

Wahl conducted the first lab tests of Coanda-effect screens—high-
efficiency, self-cleaning screens used at irrigation, hydropower, and
water supply intakes. His 2001 journal paper and computer program
are widely cited and he is now studying effects of surface tension on
Coanda-effect screen capacity.

Wahl has been active for many years in embankment breach
modeling, including lab studies and development of procedures
for estimating breach outflow hydrographs based on canal
hydraulic characteristics, embankment geometry, and soil erodibility.
He has worked extensively with Dr. Greg Hanson’s submerged jet
erosion test for measuring erodibility of cohesive soils, comparing it to
the Hole Erosion Test and leading Reclamation’s use of both tests for
dam safety applications.

Recently, Wahl has been studying hydraulic jacking due to uplift
pressures at open joints in high-velocity spillway chutes. A new
paper analyzes previous Reclamation testing, and new lab work is
planned to evaluate boundary layer effects. Another notable project is
SpillwayPro, a spreadsheet application developed recently with Henry
Falvey, Ph.D., to upgrade Reclamation’s tools for modeling cavitation
potential and aerator improvements for spillway chutes.

Wahl frequently contributes to ASCE conferences and journals and has
received Best Discussion and Outstanding Reviewer awards. He was
the 2005 Bureau of Reclamation Federal Engineer of the Year.
Thursday | May 23

Environmental Council/Water, Wastewater & Stormwater Lecture Luncheon & Awards
12:15 – 1:45 p.m.

Simon W. Freese Environmental Engineering Award
The Simon W. Freese Environmental Engineering Award and Lecture is awarded to a distinguished person in the field of environmental engineering.

Paul F. Boulos, Ph.D., BCEEM, Hon.D.WRE, Dist.D.NE, Dist.M.ASCE, NAE
Paul Boulos is the CEO of Digital Water Works, a global innovator of digital twin solutions for smart water infrastructure. He has previously served as President and Director of MWH Global, one of the world’s leading environmental engineering and construction firms, with more than 7,000 employees in 35 countries and annual revenues of $1.6 billion, until its sale to Stantec in 2016. He also founded and served as Chairman, President and CEO of Innovyze, the world’s leading provider of water infrastructure management software, and led its ownership transition and sale to a private equity firm in 2017.

Boulos is one of the world’s foremost experts on water resources and navigation engineering and the author of ten authoritative books and over 200 technical articles on issues critical to the water and wastewater industry. He has received numerous awards and honors including notable technical awards for excellence in scholarship from ASCE, the American Water Works Association and the U.S. Environmental Protection Agency; the ASCE Parcel-Sverdru Civil Engineering Management Award; the University of Kentucky Hall of Distinction; and the Lebanese American University Distinguished Alumnus Award. He was awarded Honorary Diplomate status by the American Academy of Water Resources Engineers and Diplomate status by the Academy of Coastal, Ocean, Port & Navigation Engineers, the top honors for both Academies. He was also elected to the grade of Distinguished Member of ASCE, the Society’s highest honor; to the European Academy of Sciences and Arts, one of Europe’s most prestigious scientific organizations; and to the National Academy of Engineering (NAE), the highest professional distinction accorded to an engineer. He was also recognized with the Pride of Heritage Award from the Lebanese American Foundation, the U.S. Ellis Island Medal of Honor, the RMF USA Distinguished Lifetime Achievement Award, and U.S. Congressional recognitions for outstanding service to the community.

Rudolph Hering Medal
This award recognizes outstanding papers that contribute to the advancement of the environmental branch of the engineering profession.

David W. Spielman, M.ASCE
John Joseph Sansalone, M.ASCE

Wesley W. Horner Award
The Wesley W. Horner Award recognizes papers that have contributed to the areas of hydrology, urban drainage, or sewerage.
L. L. Willard
T. Wynn-Thompson, A.M.ASCE
L. H. Krometis
T. P. Neher
B. D. Badgley

Samuel Arnold Greeley Award
The Samuel Arnold Greeley Award is presented for excellence in papers on the design, construction, operation, or financing of water supply pollution control, storm drainage, or refuse disposal projects.
Marc A. Santos, P.E., M.ASCE
Richard F. Carbonaro, Ph.D., P.E.
Robert R. Sharp, Ph.D., P.E.

Journal of Hazardous, Toxic and Radioactive Waste

Best Theoretical Oriented Paper
Krishna R. Reddy, F.ASCE
Girish Kumar, S.M.ASCE
Rajiv K. Giri, S.M.ASCE

Best Practice Oriented Paper
Prangya Ranjan Rout
Puspendu Bhunia
Rajesh Roshan Dash

Journal of Sustainable Water in the Built Environment

Best Case Study
Alisha Y. Chan, S.M.ASCE
Kristina G. Hopkins, Ph.D.
Best Paper
Mehran Niazi
Chris Nietch
Mahdi Maghrabi, A.M.ASCE
Nicole Jackson
Brittany R. Bennett
Michael Tryby
Arash Massoudieh, M.ASCE


Expressions of Appreciation

Service and Leadership on the Sustainable Stormwater Infrastructure Committee
Blaine Linkous P.E., P.H., LEED AP

ASCE Codes and Standards Committee (CSC) Merit Awards
Thomas P. DeFelice, Ph.D., M.ASCE
Thomas O’Connor, M.ASCE
S. David Graber, P.E., F.ASCE

Awards To Be Presented at the ASCE 2019 Annual Convention

The following awards will be presented at ASCE’s 2019 Annual Convention in Miami, FL, October 10-13, 2019:

asceconvention.org

State-of-the-Art in Civil Engineering Award

Norman Medal

Walter L. Huber Civil Engineering Research Prize

Award Nominations due October 1

For more information visit:

ASCE.ORG/EWRI