

Navy Wave Energy Research and Development

Navy wave energy research and development will be presented with an emphasis on field testing. The Navy is operating a wave energy test site off the coast of Hawaii. This is the only operational grid-connected open-ocean test site in the U.S. Two wave energy conversion devices have each completed two rounds of testing at the site and several others are scheduled in the near future.

Dr. Phil Vitale serves as the Director of Ocean Engineering of the Naval Facilities Engineering Command (NAVFAC). The ocean engineering team serves as the Navy's facilities experts for engineering, maintaining, and installing ocean, littoral and underwater systems; protecting Navy and DoD seafloor cables; and designing and certifying shore-based hyperbaric facilities.

Prior to his present position, he served as an engineer in the Ocean Construction Division of the Naval Facilities Engineering and Expeditionary

Please join us on **Tuesday, April 16**, at the Hilton Arlington, 950 North Stafford Street, Arlington, VA, on the second floor in the Gallery Ballrooms. Parking is available at the hotel (\$10), at the Ballston Mall garage (\$1 after 6 pm), and on the street (free after 6 pm). The Hilton is on the same block as the Ballston Station on Metro's Orange and Silver lines. Registration, networking and light hors d'oeuvres will be from 5:30 to 6:30 pm, followed by dinner. The program will end by 8:30 pm. The cost is \$55 for those

preregistering, \$20 for students and \$65 for walk-ins, as space allows. For questions, please contact [Emily Dean](#). Please click here to register by **April 11**.

Note that no-shows will be charged the full registration fee. We welcome walk-ins, including any registrations made after the guaranteed number of guests is provided to the hotel. However, the cost for walk-ins is higher because the Section is charged accordingly by the hotel for late registrations.

Warfare Center. While there he was the program manager of the Underwater Inspection Program and the Magnetic Silencing Facility Program. Before joining NAVFAC, Dr. Vitale was a research coastal engineer with the Coastal Engineering Research Center of the Army Corps of Engineers.

Phil received his Bachelor's degree from Stevens Institute Technology in Hoboken, NJ and his masters and doctorate degrees from the George Washington University in Washington, DC. He is a registered Professional Engineer in the Commonwealth of Virginia. ■

2019 Legislative Fly-in

By Shainur Ahsan, P.E., M. ASCE Reston Branch Vice President

This month over 250 ASCE members attended the 2019 ASCE Legislative Fly-in. The record-number of attendees arrived from all over the county to partake in a two-day program to learn about ASCE's legislative priorities, receive training on how to discuss these issues with legislators, and to meet with Members of Congress or their staff on Capitol Hill. Among the ten Virginia attendees, Shainur Ahsan, John Casana, and Ernest Rojas attended from the National Capital Section.

Attendees arrived at the Renaissance Arlington Capital View to listen to staff from ASCE Government Relations

on various sessions to prepare ASCE members for their Wednesday afternoon meetings with their respective Senators and House Representative. Staff informed attendees of three critical issues to discuss with their members of Congress: fixing the highway trust fund through raising the federal gas tax, fiscal year 2020 appropriations requests, and principles for infrastructure investment. In addition to the training sessions, a few key legislative decision-makers on infrastructure policy stopped by to express their support to the fly-in attendees and wished them luck in their meetings on Capitol Hill.

After receiving training and words of support, the ASCE fly-in delegation was bussed to Capitol Hill to advocate to their members of congress on the key issues. The National Capital Section (NCS) attendees met with staff members from the offices of Tim Kaine, Gerald Connolly, and Mark Warner. In the meetings, legislative staff members heard remarks from the NCS members on the most recent ASCE infrastructure report card, the importance of funding the highway trust fund, providing appropriations for key funds such as the Clean River State Revolving Fund (CWSRF), and stressing the importance

continued on page 2

President's Corner

Greetings, National Capital Section!

Last month we celebrated our local student chapters and members at our Annual Awards Banquet. It was a fantastic event featuring a Keynote speech about the Future Worlds of ASCE. Between awarding \$12,000 in student scholarships, presenting Outstanding Graduating Senior awards, acknowledging our members who have attained Life Member status, presenting Project of the Year and Sustainability Project of the Year Awards, there truly was something for everyone! A few of the Board Members also attended the National Outstanding Projects and



Leaders (OPAL) Awards Gala on March 14th in Arlington where ASCE recognized people and projects from across the country and the globe that have significantly impacted the Civil Engineering profession.

As it begins to get warmer, we are continuing to plan outdoor events including a Bridge Tour by Boat and a Day of Service with the National Park Service. Our Younger Member Group will also be planning an outing to Nationals Stadium to cheer on the home team!

We also continue to grow our committees with the hope of getting more members involved in the Section's day

to day operations. In addition to our already active committees including the Construction and Transportation Committees, we are looking to reinvigorate our Structural Committee as well as create a Corporate Relations Committee and a Management and Best Practices Committee.

As always, please don't hesitate to reach out if you have an idea for an event or would simply like to get more involved.

See you soon!



Emily Dean
ASCE-NCS President

2019 Legislative Fly-in

continued from page 1

of long-term, sustainable, and resilient solutions that leverage state, local and private investment. Staff members were generally in agreement with the points made by the attendees and confirmed their office's positive stance on such issues. However, all expressed the difficulty in passing measures which may increase the tax burden on their constituents as well as receiving agreement from both political parties. Despite not getting any specific commitments from staff at the time, the time with the attendees increased the awareness of the need to increase infrastructure spending. ASCE members will follow up with their members of congress in the coming weeks.

The ASCE Legislative Fly-in provided a great opportunity for engineers to become more aware about how public policies are developed and key issues under consideration that affect civil engineers and their communities. The legislative fly-in delegation continues to grow in number annually and first-time applicants are encouraged. Anyone considering attending a future fly-in is encouraged to join ASCE's Key Contact program, regularly send emails to their members of Congress prior to key votes (ASCE typically sends a notice and provides a draft that can be personally tailored), and be aware of the application due date in the fall. With the ever-increasing presence of civil engineers



on Capitol Hill, legislators can become more cognizant of the importance of infrastructure spending to maintain and improve their local communities back home. ■

Newsletter

Sumon Chatterjee, Editor

May 2019 Issue Deadline: April 23, 2019

To Submit Articles: newsletter@asce-ncs.org

NCS eNewsletter Archives: go to www.asce-ncs.org and view along the sidebar.

Address Changes: Call 1-800-548-ASCE, e-mail member@asce.org, visit www.asce.org, or write: ASCE – Membership, 1801 Alexander Bell Drive, Reston, VA 20191. Include your membership number.

National Capital Section

Officers (2018–2019)

Emily Dean, President

Kelly Cronin, Vice President

Piers Causton, Treasurer

Michael Venezia, Secretary

Sumon Chatterjee, Newsletter Editor

Joe Whartenby, YMF President

Victor Crawford, Director

Stuart Crooks, Director

Jameelah Ingram, Director

Jeff Tan, Director

Brian Barna, Past President

Jordan Pitt, Previous Past President

Lisa Anderson, Reston Branch President

Committee Chairs

Please refer to the [NCS website](http://www.asce-ncs.org) for a current list of NCS committees and chairs.

2019 ASCE-NCS Annual Awards Banquet

By: Kelly Cronin, PE, ASCE-NCS Vice President

Nearly 100 people joined us on Tuesday, March 19th to recognize our Section's outstanding people and projects. This year's banquet featured a keynote address by Terry Neimeyer about ASCE's Future World Vision. Future World Vision is a 50 year look forward of what the civil engineer will be doing in a Future World. Using state of the art 3 dimensional visual technology, the engineer will be able to work in up to five worlds, from a 10 years from now Mega

City to a 20 years from now Rural City to a 30 years from now Floating City to a 40 years from now Frozen City to a 50 years from now Off Planet City.

Service Awards (Meritorious Service, Lifetime Excellence, and President's Appreciation) were presented to members who have gone above and beyond in their dedication and commitment to the Section, and new Life Members were honored. The highlight of the night

was presenting the Project of the Year award to CSX Virginia Avenue Tunnel Reconstruction Project team including CSX and Clark Parson, a Joint Venture. The Sustainability Award was given to the Fairfax County Huntington Levee Flood Mitigation Project team.

Special thanks to everyone who helped put the Awards Banquet together, and to our amazing photographers Vic Crawford and LJ Sauter, Jr.

Civil Engineering Student Awards

The NCS awarded \$12,000 in scholarships to deserving Civil Engineering students from all five of our area schools: The Catholic University of America, George Mason University,

George Washington University, Howard University, and the University of the District of Columbia, Catholic University of America (CUA), George Mason University (GMU), The George

Washington University (GWU), Howard University (HU) and University of the District of Columbia (UDC), and Outstanding Graduating Seniors.

Catholic University of America	
ASCE-NCS Scholarship	Anna M. Maupin
Outstanding Graduating Senior	MaryKate Selgrath
George Mason University	
Hummel Memorial Scholarship	Samuel Demeke
ASCE-NCS Scholarship	Gabriel E. Earle
ASCE-NCS Scholarship	Heather E. Paul
Outstanding Graduating Senior	Sarah Shay
George Washington University	
Hathaway Memorial Scholarship	Yoon S. Choi
ASCE-NCS Scholarship	Florencia N. Dayan
Williams Memorial Scholarship	Caitlin Tyson
Outstanding Graduating Senior	Sarah Olsen
Howard University	
Harland Memorial Scholarship	Camille N. W. Wallace
ASCE-NCS Scholarship	Sigmund A. Skinner
Outstanding Graduating Senior	Bhawesh Thapa
University of the District of Columbia	
ASCE-NCS Scholarship	Abdul Hadi H. Chamali
ASCE-NCS Scholarship	Esther M. Disamb
ASCE-NCS Scholarship	Jose M. Leon
Outstanding Graduating Senior	Victoria Church



MaryKate Selgrath receives her Outstanding Graduating Senior Award



Sarah Shay receives her Outstanding Graduating Senior Award



Sarah Olsen receives her Outstanding Graduating Senior Award



Victoria Church receives her Outstanding Graduating Senior Award



Faculty Advisor Dr. Hessam Yazdani receives the Outstanding Graduating Senior Award on behalf of Bhawesh Thapa

continued on page 4



Jose Leon (UCD) accepting of ASCE-NCS Scholarship



Sigmund Skinner (HU) accepting ASCE-NCS Scholarship



Camille Wallace (HU) accepting Hartland Memorial Scholarship



Jonathan Kabolete accepting ASCE-NCS Scholarship on behalf of his sister Esther Disamb (UDC)



Abdul Hadi Chamali from UDC



Caitlin Tyson (GWU) accepting Williams Memorial Scholarship



Yoon Choi (GWU) accepting Hathaway Memorial Scholarship

Meritorious Service Award

The Meritorious Service Award recognizes individual members of the National Capital Section who have made outstanding contributions to the work of the Section. Awardees must be active members who contributed significant time and talent to the Section and who set a high standard of professionalism through service.

Meritorious Service Award – Elizabeth Wheeler

Elizabeth Wheeler is the NCS Meeting Planning Committee Chair. She is currently a Project Engineer with Mosaic Engineering and Consulting, specializing in the evaluation of existing buildings. Elizabeth is a graduate of Clemson University, Bachelor of Science in Civil Engineering (2014) and Masters of Science in Civil Engineering (2015).



Elizabeth Wheeler

Elizabeth’s involvement in the National Capital Section began after relocating to the District of Columbia and becoming

active with the Younger Members Forum, where she helped organize several events and activities. As current Meeting Planning Committee Chair, she coordinates logistics for the Section’s monthly meetings. Elizabeth hopes to sit for the Principles and Practice of Engineering exam (Civil) in April 2019.

Elizabeth is receiving the Meritorious Service Award for outstanding service to the section through contributions to the Younger Member Forums and monthly section Meeting coordination.

Meritorious Service Award – Sumon Chatterjee, P.E.

Sumon Chatterjee, PE is a current member of the National Capital Section Board of Directors and serves as the Newsletter Editor for the Section. Sumon is an Environmental Engineer and Project Manager at AECOM with five years of experience in environmental investigation, remediation and groundwater modeling projects. He graduated from Carnegie Mellon University with a Master’s in Environmental Engineering.



Sumon Chatterjee

Sumon became the NCS Newsletter Editor in 2018 after being a regular attendee of the Section events. In addition to ASCE, Sumon also serves on the EWB-USA Southeast Regional Steering Committee as the Virginia State Representative and was past president of the EWB – Northern Virginia Professional’s Chapter in 2017.

Sumon is receiving the Meritorious Service Award for his role as the Newsletter editor.

continued on page 5

Lifetime Excellence in Service Award

The Award recognizes individual members of the National Capital Section who have made outstanding contributions to the work of the Section over their lifetime. The awardee must be an active member who contributed significant time and talent to the Section over at least 10 years and who sets a high standard of professionalism through service.

Dr. Robert Efimba, P.E., F. ASCE, NCS Past President

Dr. Robert Efimba is an Associated Professor at Howard University. Dr. Efimba was a NCS Past President and former ASCE Region 2 Governor. He graduated from the Massachusetts Institute of Technology with four degrees in civil engineering, structural engineering, and structural mechanics: bachelors (1963), masters (1965), professional (1969), and doctorate (1972). He joined the faculty of the Department of Civil Engineering at Howard University in 1975.

Dr. Efimba has authored several publications and has won numerous awards, including National Outstanding



Dr. Robert Efimba

Advisor of Tau Beta Pi in 2010, Howard University Centennial Career Achievement Award in 2012, and DC Council of Engineering and Architectural Societies Lifetime Achievement Award in 2013. He is an ASCE Life Member and past recipient of ASCE's Moissieff Award for the best paper in the field of structural design.

Dr. Efimba is receiving the Lifetime Excellence in Service Award for dedicated service to the Section and promoting involvement of university students at Section Events.

President's Appreciation Award

This award is selected by the NCS President to recognize members that have made significant contributions to the Section. Awardees are active members who contributed significant time and talent to the Section, and who set a high standard of professionalism through service.

Christian Manalo, P.E., F. ASCE, NCS Past President

Christian is a Senior Lead Engineer with Booz Allen Hamilton with more than 25 years' experience in civil and

environmental engineering, and infrastructure management. He has led and supported a variety of projects and programs associated with water resources, utilities and facilities engineering, management, and operations. He has performed significant work around infrastructure planning, feasibility studies, and systems design. Christian graduated from Rutgers University with a Bachelor's of Science degrees and from the University of Maryland, College Park with a Master's of Science degree. He is also a Diplomate Environmental Engineer, holding the highest recognition for licensed professionals in water and wastewater engineering.

Christian served on the Board of Directors for ASCE from 2010 through 2018. He served as the Section's President from 2014-15. From 2013 to 2015, he oversaw three major initiatives for the Section, including creation and rollout of the first-ever *Infrastructure Report Card for Washington DC*, organizing the *ASCE-NCS Centennial Anniversary Conference*, and producing an award-winning book, *Engineering the Nation's Capital*.

Christian is receiving the President's Appreciation Award for leading the effort to draft new Section by-laws and continuous service to the Section.



Christian Manalo

continued on page 6

ASCE-NCS Newsletter Patrons



**Ethan Grossman
Engineering**

Sustainability Project Award

Fairfax County Huntington Levee Flood Mitigation Project

Due to storm events and flooding of Cameron Run, the Huntington community of Fairfax County experienced repetitive property damage and personal safety risks for residents and emergency responders. The Huntington Levee project provides flood-side protection from Cameron Run with 2900 linear foot earthen levee and concrete I-wall, as well as protected-side control of interior storm water runoff with a 25 millions of gallons per day (mgd) low

flow pump station and 155 mgd high flow pump station. The project was permitted and designs between January 2014 and Winter 2017. The Construction of the project started in Winter 2017 and is expected to complete this Spring 2019.

The project was recently awarded the Bronze Envision Certification; protects 200 residential properties, enhanced quality of life through improved open space and recreational features, preserves environmentally-sensitive habitats and areas, and provides an

enduring sustainable solution against a once significant risk to the community.

The project participants include:

- Owner: Fairfax County Department of Public Works and Environmental Services
- Engineer: Arcadis US, Inc
- Contractor: Archer Western



Outstanding Civil Engineering Project Award

CSX Virginia Avenue Tunnel Reconstruction Project

The project is a unique and extraordinary engineering project entailing the replacement of a 110+ year old railroad tunnel in a dense urban environment near Capitol Hill in a fast-changing and growing, primarily residential area. Completion of the project helps CSX better serve its customers in the District of Columbia and the surrounding area, will reduce commuter rail and highway

congestion, improve the environment, enhance safety resulting from completion of a state-of-the art tunnel. The surrounding community and its residents directly benefit from new streets, bicycle paths, landscaping, enhanced parks and greenspaces, and other neighborhood features.

CSX and its design and construction partners worked closely with District and federal agencies to understand,

address, and mitigate potential community impacts relating to the project. The final design and the construction methodologies implemented used technologies to mitigate impacts on the community and achieve the shortest construction completion timeframes while ensuring the ongoing safe movement of trains.

continued on page 7



Employment Clearinghouse

The NCS provides the Employment Clearinghouse as a free service to its membership. The Clearinghouse allows members to post short notices for available positions or candidates seeking employment. All employers listed herein are equal opportunity employers. If you have questions, are seeking employment or would like to post a position please contact the [newsletter editor](#) and visit our [jobs page](#).

Life Members

The following NCS members have been invited to receive Life Member Certifications at the 2019 Annual Awards Banquet. To achieve this status, a member must have reached their 65th birthday, have paid dues in any membership grade except Student member for at least 35 years, and have had at least ten years of continuous membership immediately preceding the attainment of Life Member. Congratulations to the following NCS members who were awarded Life Member Certificates:



John Amatetti	Gerald Klein
Thomas Barba	Robert Krueger
Robert Bassler	Chun-Wu Lee
Kevin Baur	Paul Levin
Dennis Biddick	Michael Loulakis
Joseph Bozik	Michael Morton
Dana Bres	Eric Munley
Jose Luiz Clemente	Pradip Patel
Jose Clemente	Theron Peacock
Ronald Deneau	David Riby
Joyce Doughty	Ernest Rojas
Steven Fink	P. Takis Salpeas
John Ingram	Tarun Roy
David Holbert	Alan Schiffer
Robert Furlong	David Schoenwolf

ASCE Five-Year Roadmap to Sustainable Development

By Alex Rosenheim, P.E., M. ASCE

The ASCE Five-Year Roadmap to Sustainable Development takes a two-pronged, “bottom-up/top-down” approach comprising (1) four strategic priorities and (2) key requests for Board action.

The Four Priorities for Change

- Priority 1: Sustainable Project Development (*Do the Right Project*)
- Priority 2: Standards and Protocols (*Do the Project Right*)
- Priority 3: Expand Technical Capacity (*Professional Transformation*)

- Priority 4: Communicate and Advocate (*Collaborate with a Cohesive Voice*)

This month, we will focus on **Priority 4: Communicate and Advocate**. (For more information on the first 3 priorities outlined in the Roadmap and other details of the plan, please visit <https://www.asce.org/sustainability-roadmap/>.)

Priority 4: Communicate and Advocate

Transforming the civil engineering profession and methods for sustainable

infrastructure development requires communication with all stakeholders and advocacy to promote acceptance and adoption. Orchestrated messaging must be presented with a common, recognizable, and cohesive voice to best serve and guide ASCE’s members and the public. Communication and advocacy must be composed carefully to include varied and diversified disciplines outside of ASCE and engineering. Examples of organizations to collaborate and build common purpose with include American Planning

continued on page 10

ASCE-NCS Newsletter Patrons



Robert A. Pronier

Senior Vice President / Regional Manager
 Robert.Pronier@cardno.com
 1881 Campus Commons Drive, Suite 103
 Reston, VA; Phone: 703-391-0024
 www.cardno.com

www.cardnohayneswhaley.com

Practicing the Art of Structural Engineering

We provide structural engineering services nationwide and internationally for a broad range of projects, including:

- > Commercial
- > Institutional
- > Public

Booz | Allen | Hamilton

100 YEARS

Importance of Setting Goals for Engineering Students

In this month's column, we would like to talk about the importance of setting goals for success. All successful people and achievers in all fields set goals. Setting goals gives students long-term vision and short-term motivation. It helps them to organize their time and their resources so that they can make the most of their life.

Goal setting is fundamental to long-term success as well. After all, it's difficult to get to a desired destination before you have clearly defined where that destination is. Goals help students to focus upon the journey to a collection set of achievements, meaning they allocate their resources and time more efficiently and can access motivation during times when they may feel like giving up.

From an academic perspective, goals improve performance by ensuring engineering students remain accountable for their own failures and successes, propelling themselves forward through a selection of small achievements designed to break down a larger purpose. What's more, setting and achieving goals translates to feelings of success and confidence for students, which in turn leads to greater confidence and productivity.

Goals Keep Students Moving Forward

Writing a specific goal into a calendar or journal gives engineering students something to work and plan toward. When written down, these goals form an external representation of inner desires to get a higher grade or pass the FE exam. Written goals are a constant reminder of what a student wants to accomplish. Goal setting even fuels ambition and confidence by encouraging determination through difficult periods and offering a sense of pride when success finally arrives.

Establishing a goal creates a sense of clarity and correlation between the process of working hard and accomplishing something significant. Because of this, many students access

the motivational energy that they need to work through periods where focus may begin to wane.

Goals Break Down Insurmountable Mountains

Most young adults have huge dreams that can seem impossible to accomplish at first. It's easy for students to feel discouraged when they're starting at a future that seems too large to achieve. However, proper goal setting can break those larger, more intimidating aspirations down into achievable stepping stones. Not only does planning toward smaller goals make it easier to formulate a plan of how one achievement can lead to another, but research suggests that achieving smaller milestones offers greater levels of motivation.

Students can be encouraged to work towards short-term and long-term goals that interconnect, giving them more focus on what they should be spending energy and time toward. Through the pursuit of those smaller goals, students learn more about themselves – their skills, weaknesses, and what they want to accomplish.

Goals Hold Students Accountable

Having goals makes students accountable for their actions, their efforts, and even their time management skills. Setting a goal obligates an individual to take action, regardless of the obstacles that may be in place. As such, it can encourage students to develop critical thinking skills, new problem-solving techniques, and a better understanding of how to overcome challenges.

What's more, the accountability of goal setting encourages students to look back over their previous successes and failures, evaluating areas they need to improve. As such, it pushes them to tackle challenges head on and work on their weaknesses in order to produce better chances of overall success. It can also help engineering students to realize techniques that may not be working for them so

they can seek out alternative routes to achievement.

Goals Make Students Want to Be Better

There are numerous experimental and correlational studies showing that setting goals increases success rates in almost every setting, including education. Part of the reason for this is that setting goals pushes young adults to articulate the things they want out of life, so they live more consciously.

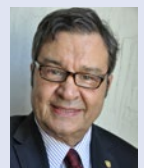
Without goals, students subject themselves to a default or natural set of actions that are there to keep them feeling safe and comfortable, without offering any opportunity for growth. With goals, students can discover more about themselves and work towards becoming the best versions of themselves. In other words, goals allow engineering students to tap into their inner potential by giving them targets to strive toward.

Goals Prepare Students for Professional Life

Through goal setting, students discover a level of respect for the dedication and determination required to achieve further important goals in life. Not only is goal setting important for helping students get more out of their academic experiences, but it also means that they will continue to use the same skills in the future to apply for a high-paying job or achieve a new promotion. Furthermore, setting goals give engineering students an important tool to measure their progress through life by using their leadership skills, critical thinking, and determination.

We would like to thank army and navy academy for the permission to use their resources: (<https://armyandnavy-academy.org>).

Until next time,
Ahmet Zeytinci (Dr.Z.)
az@akfen.com



ASCE-NCS Committee and Branch News and Updates

ASCE-NCS Reston Branch

By Shainur Ahsan, PE, M. ASCE, Reston Branch Vice President and Lisa Anderson, F. ASCE, Reston Branch President

On March 12th, the Reston branch hosted Scott Newhouse from Bechtel corporation at its branch meeting to discuss the Saluda Dam project – the 2006 Outstanding Civil Engineering Award recipient. The presentation discussed the renovation of the existing dam to address deficiencies for the high-hazard dam located near Columbia, South Carolina.



The next Reston Branch meeting will be on April 23rd at the ASCE Headquarters in Reston. Gary Runco of VDOT will discuss the current state of the Northern Virginia district's structure and bridge inventory. Gary will also discuss the status of ongoing projects within the district, as well as future projects. One PDH will be awarded to attendees.



ASCE NCS Education Committee – Collegiate

By Jameelah M. Ingram, PE, M. ASCE

On a Tuesday evening in March, several students arrived back to campus with checks and plaques in tow from the ASCE NCS Annual Awards Banquet. ASCE NCS and the Scholarship Trust granted monetary awards and special recognition to undergraduate students at Catholic University of America, George Mason University, George Washington University, Howard University, and the University of the District of Columbia. The ASCE NCS Education Committee offers its congratulations!

The ASCE NCS Education Committee looks forward to sharing results and photos of the 2019 Virginia's Section Regional Student Conference in an upcoming newsletter!



Younger Members Forum

By Maria Raggousis, EIT, YMF Secretary/ Newsletter 2018-2019

Monthly Happy Hours: The NCS Younger Members Forum (YMF) holds monthly happy hours, generally alternating between Arlington, VA and Washington, DC. Happy hours are usually the first Wednesday of each month unless a holiday falls during that week.

The NCS YMF enjoyed some food and drinks at the November ASCE YMF happy hour at [Four Courts](#) in Arlington, VA on March 6th, 2019. Several members attended the event and shared great conversation over appetizers.

Join us for our next ASCE Happy Hour

sponsored by the Younger Members Forum at [Penn Social](#) on Wednesday April 3rd, 2019 with free appetizers and drink specials. Can't make next month's happy hour? Be sure to look out for emails for the upcoming May 1st happy hour at [Courthaus Social](#) near Clarendon in Arlington, VA.

Social Events: Any one interested in social running? A group from Water P. Moore in Washington DC take part in Friday afternoon runs and they would like to have others from nearby offices to join them. Runs begin at 1747 Pennsylvania Ave NW, Washington DC at 4:30 PM. If you are interested, please reach out to Mia Jimenez (mjimenez@walterpmoore.com).

Professional Events: The YMF board is planning upcoming professional development events for 2019. If you have suggestions for professional development meeting topics, or would like to become more involved with the YMF in other areas, please contact the YMF President at ncsymfpresident@gmail.com.

Stay Connected! Check out photos and stay up-to-date with YMF events by visiting the new [YMF Facebook](#) page. Also, follow us on [Twitter](#) (@asce_ncsYMF).

Get Involved! Are you interested in getting involved with more Younger Members activities? Do you have ideas for social events or volunteering activities? Would you like to be a board member? The NCS Younger Members Group is always looking for new members! Let us know if you are not already on our mailing list! If you would like to become more active with the YMF or would like more information on our events, please email the [YMF President](#). ■

ASCE-NCS Newsletter Patrons

Christopher H. Lester, PE
Associate Vice President
Office Sales Manager

HNTB Corporation
2900 South Quincy Street
Suite 600
Arlington, VA 22206
(703) 824-5100
Direct (703) 253-5951
Cell (703) 597-3985
Fax (703) 671-6210
E-mail clester@hntb.com
www.hntb.com



The HNTB Companies



SHANNON & WILSON, INC.
GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

Upcoming Events *(Also available on the NCS website under the Events tab.)*

April 11

ASCE NCS Coffee & Connections – 6 pm to 8 pm, Networking Event for Students & Professionals at Slipstream, Washington DC.

May 18

National Park Clean-Up – Saturday Morning, 9 am to noon – The Sustainability Committee will be coordinating with the National Park Service (NPS) to organize members of the Section (and their friends and family) to participate in a volunteer clean-up of a National Park. Depending on the needs of the NPS, they expect to assign us to one of three major icons of our Nation's Capital: The Lincoln Memorial, The Washington Monument, or The Jefferson Memorial. Please direct questions to the ASCE-NCS Sustainability Committee at tcc-sus@asce-ncs.org.

April 23

Reston Branch Meeting – Gary Runco, VDOT NOVA District – Structure and Bridge – State of the District and Upcoming and Ongoing Projects

May 1

YMF Happy Hour – 6 to 8 pm, Courthaus Social, Arlington VA. Celebrate our monthly happy hour and network with members. Look for an email announcement for upcoming happy hours and YMF events.

May 14

Reston Branch Meeting – TBD

June 9–12

T&DI Conference – The Transportation & Development Institute (T&DI) of ASCE is hosting its flagship conference in the national

capital region at the Hilton Mark Center in Alexandria, Virginia. The Conference Steering Committee is seeking a local representative to participate as a member of the Conference Steering Committee. The local representative sets up a Local Organizing Committee (LOC), that helps recommend and organize technical tours for the conference, and also helps promote the conference for sponsorships and exhibits by local organizations. Through the course of the next few months, T&DI will need National Capital Section's help to promote the conference at its events, and through its newsletter, eblasts, and other means of outreach and promotion. The immediate need for promotion is for the call for abstracts which was recently released. Further information is available on the conference website at www.asce-ictd.org.

ASCE Five-Year Roadmap to Sustainable Development

continued from page 7

Association, American Institute of Architects, and American Public Health Association.

In addition, the profession and its practitioners in the institutes, committees, regions, sections, branches, and other ASCE entities must be informed and their expertise and technical acumen expanded to recognize, accept, and champion the changes required to meet this challenge. Finally, ASCE must align with the United Nations Sustainable Development Goals to support global implementation and collaboration with other international supporters of sustainability.

Strategic Goal of Priority 4

This significant transformation of the civil engineering profession requires communicating the reasons for change with members, the public, and all stakeholders. The end goal is a membership and public that demand environmentally, economically and socially sustainable infrastructure that meets the needs of human welfare equitably and enables healthy communities.

Desired Outcomes of Priority 4

Achieving this goal requires:

- Comprehensive and consistent engagement with sustainability committees in ASCE's sections, branches, institutes, and divisions;
- Development and distribution of advocacy and communication materials for use by ASCE's sections, branches, institutes, and divisions to enable adoption of ASCE-endorsed or – sanctioned principles of sustainable development in engineering services procurement by federal, state and local government agencies;
- Recommendations for revisions, with commentaries, to ASCE's Code of Ethics, standards, and policy statements to strengthen consistency with triple-bottom-line sustainability concepts as expressed in ASCE Policy 418;
- Delivery of compelling messages in meetings and conferences that align with ASCE's strategic goals and in meetings and conferences where ASCE should have a proactive presence; and
- Collaboration with the ASCE Committee on Advancing the Profession

to develop strategic alliances with aligned and complementary organizations, including American Institute of Mining, Metallurgical, and Petroleum Engineers; American Public Health Association; American Institute of Architects; American Planning Association; American Society of Landscape Architects; National Recreation and Park Association; American Public Works Association; American Council of Engineering Companies; Institute for Sustainable Infrastructure; and National Emergency Management Association.

In future ASCE-NCS newsletters, the ASCE Five-Year Roadmap for Sustainable Development will continue to be explored along with the COS goals, guidelines and ASCE's Case for Sustainability.

Please direct any questions or comments to Alex Rosenheim, Chairman NCS-ASCE Sustainability Committee at tcc-sus@asce-ncs.org or for more information on the ASCE Committee on Sustainability, please visit: <http://www.asce.org/sustainability/>. ■