

The ASCE-NCS Annual Awards Banquet Will Be Held April 16

David Mongan, ASCE National Past President, to be Keynote Speaker at the Banquet

Join us at the Hilton Arlington for one of the National Capital Section's (NCS) highlights of the year. This event gives us the opportunity to recognize and celebrate local excellence in projects, engineers, and students who have contributed to our society and our community. Recognized parties will include the ASCE-NCS Outstanding Civil Engineering Project, Meritorious Service and Community Service Award winners, NCS Student Scholarship Award recipients, our graduating Civil Engineering Undergraduate Students, and members of the NCS who have achieved Life Member status during the past year.

We are honored to have **ASCE Past President David G. Mongan, P.E., F.ASCE**, as our keynote speaker. Mr. Mongan led the ASCE as its National President in 2008, following a distinguished career of ASCE service



which included the District 5 Director, Zone 1 Vice President, Treasurer, and service on or chair of numerous committees. ASCE also honored Mr. Mongan with The President's

Medal for 2012 and the William H. Wisely American Civil Engineer Award in 2003. David received the Engineering Society of Baltimore's Meritorious Service Award for 2011 and currently serves on the Maryland State Board for Professional Engineers, is the Immediate Past Chair of the American Association of Engineering Societies, and is a member of the Board of Direction and President of Engineers Without Borders-USA. Mr. Mongan holds a Bachelors and Masters of



Science in Civil Engineering from the University of Maryland and a Masters in Business Administration from Loyola College of Baltimore, MD. He retired as the President of Whitney, Bailey, Cox & Magnani, LLC, an architectural/engineering/construction firm headquartered in Baltimore, in 2009.

The ASCE-NCS 2013 Project of the Year is the **District of Columbia Government's new Consolidated Forensic Laboratory building (CFL)**. The CFL opened on October 1, 2012, and was awarded the LEED Gold certification by the U.S. Green Building Council on February 13, 2013. It is the new building located at 4th & E Streets SW, which houses the Metropolitan Police Department Forensic Investigation Units, the Office of the Chief Medical Examiner, and the Department of Health Public Health Labs. It is a

state-of-the-art laboratory that sets the standard for Green construction for city government. The Department of General Services (DGS) met its goal of creating a highly sustainable, energy efficient facility where sustainability is integrated without compromising mission-critical operational requirements. The project achieved LEED Gold certification while also meeting the stringent safety and reliability requirements of a first-responder facility. It demonstrates a carefully conceived and exceptionally detailed building envelope and includes innovations in energy management for laboratories, water conservation, and promotion of occupant wellness. The project has become an innovative sustainable design tool for DGS, with the experiences and successes of the CFL building being used to create

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President's Corner

I hope you attended our Annual Sustainability Award and Keynote Lecture, presented by Ms. Courtney Lorentz of Skanska USA. Her excellent presentation underscored the importance of sustainability in our profession and our lives.



On Tuesday, April 16, 2013, the NCS will hold its Annual Awards Banquet. We will have the honor of having Mr. David Mongan, P.E., F.ASCE, as our keynote speaker that night. If there is only one NCS event that you could attend this year, this has to be it!

In many ways, the Annual Awards Banquet is about the sustainability of the NCS. This is a time when we acknowledge the contributions – and the service to society – of those ASCE-NCS members who have achieved the Life Member status. This is a time when we recognize the Project of the Year, signifying excellence in civil engineering as demonstrated by extraordinary projects recently completed in our region. This is also a time when we thank our fellow NCS members for their meritorious service to the Section, as well as

service to our community. And, lastly, this is a time when we applaud the achievements of the future generation of civil engineers in our region and encourage them by awarding scholarships to outstanding seniors from the civil engineering departments of local universities. Please make it a priority to attend this event to honor these achievers.

Don't forget to enjoy cherry blossoms at the tidal basin.

Take care,



Qamar A. O. Kazmi, P.E.
President, ASCE-NCS

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training programs and guidelines for future government projects across the entire city.

This year's Annual Awards Banquet will be held on **Tuesday, April 16**, at the **Hilton Arlington**, 950 North Stafford Street in Arlington, VA, on the second floor in the Gallery Ballrooms. Parking is available at the hotel (\$8), at the Ballston Mall garage (\$1 after 6 p.m.), and on the street (free after 6 p.m.). This location is in the same block as the Ballston Station on Metro's

Orange Line. Registration and networking will be from 5:30 to 6:30 p.m., followed by dinner. The program will start around 7:15 and conclude by 9:00 p.m. The cost will be \$20 for students, \$50 for those who preregister, and \$60 for walk-ins as space allows. Please **RSVP by April 10**. Click [HERE](#) to register. For questions, please contact Qamar Kazmi at qkazmi@schnabel-eng.com or 240-238-2218.

Please note that because the NCS is charged for each meal guaranteed, those who register but are not able to attend *will be charged the full registration fee* after the meeting. We welcome "walk-up" attendees, including any registrations made after the guarantee is given to the hotel. However, the cost for the "walk-ups" is higher because the Section is charged accordingly by the hotel for late registrations. ■

Newsletter

L.J. Sauter, Jr., Editor
Telephone: 703-243-5298

May 2013 Issue Deadline:
April 19, 2013

To Submit Articles:
newsletter@asce-ncs.org

Address Changes:
Call 1-800-548-ASCE, email member@asce.org, go to <http://www.asce.org>, or write: ASCE – Membership, 1801 Alexander Bell Drive, Reston, VA 20191. Remember to include your membership number.

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Committee Chairs

Please refer to the NCS website at <http://www.asce-ncs.org> for a current list of NCS committees and chairs.

Improving the Value of ASCE-NCS Membership

In July 2010, the NCS commissioned a new Management and Best Practices Subcommittee to evaluate Section activities and identify means for optimizing the value of NCS membership. The Subcommittee interviewed NCS leadership, conducted a full membership survey, identified members' core interests, interviewed university faculty advisors and young member representatives, and identified opportunities for partnering with peer organizations.

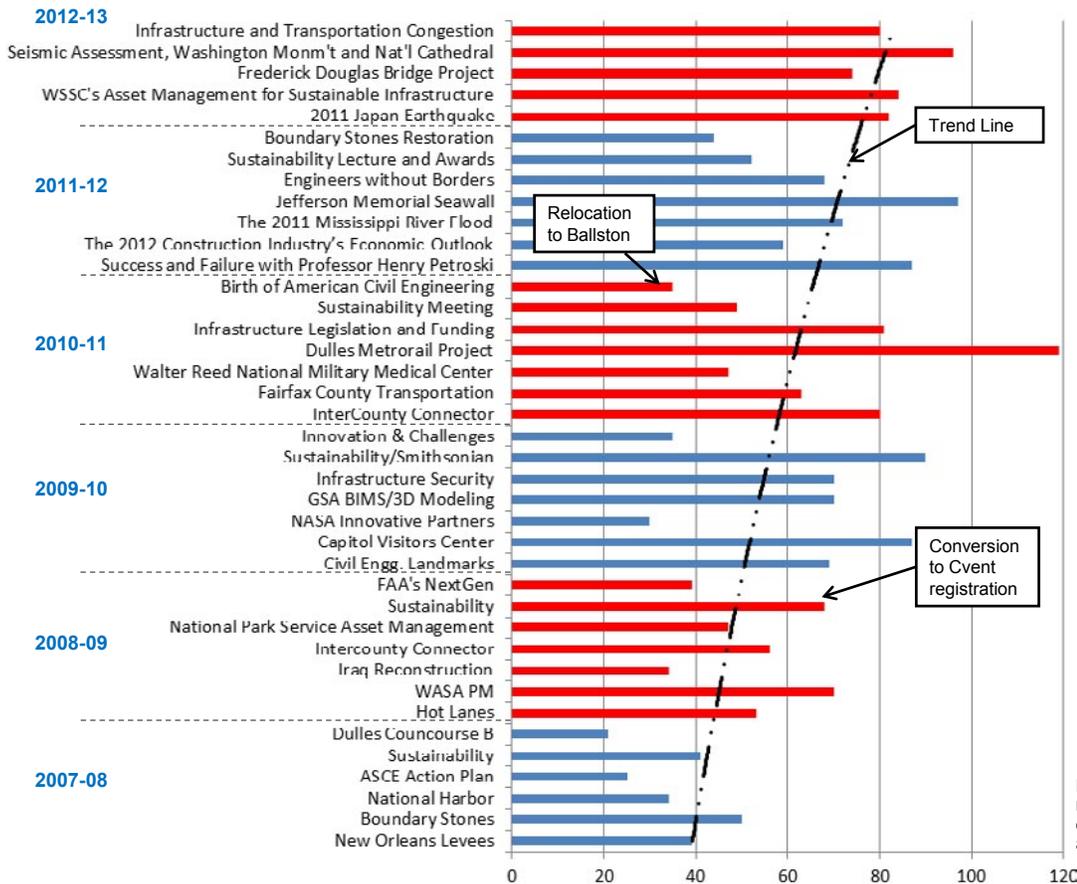
Additionally, leadership from other ASCE sections was interviewed, and best practice reference materials were reviewed. The Subcommittee's findings were presented to the NCS Board of Directors in July 2011. These findings have helped guide the Board in its decision-making and paved the way for a number of structural and operational changes to the Section. Over the past year, we have presented some of these findings in a monthly feature,

"At a Glance...". This month's graphic has been updated for 2013 and presents the participation of members at the Section's regular monthly evening meetings.

For more information about the Subcommittee, please contact Christian Manalo at manalo_christian@bah.com.



ASCE-NCS Monthly Meeting Attendance



- ▶ Attendance at monthly meetings increased significantly over the past five years.
- ▶ Increase may be in part due to improving economy.
- ▶ Relocation of meetings from Crystal City to Ballston coincided with increased attendance.
- ▶ May meetings have generally resulted in lower turnouts.

Note: figures are based on number of registrants; may differ slightly from actual attendance.

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May NCS Meeting – DC Clean Rivers Project and Bloomingdale Flood Mitigation

Please join us on the evening of **Tuesday, May 21**, for a presentation on the DC Clean Rivers Project and the Bloomingdale flood mitigation effort. At \$2.6 billion, the Clean Rivers Project is DC Water's largest construction project ever, aimed at reducing the District's combined sewer overflows. Mr. Steve Bian, M.S.,



Steve Bian,
DC Water

P.E., (DC Water) and Mr. Edward Shea, M.S., P.E., (Greeley & Hansen) will be our distinguished speakers. They will provide an overview of the ongoing project and recent adjustments around the Mayor's Task Force on the Prevention of Flooding in Bloomingdale and LeDroit Park. The presentation will summarize



Ed Shea,
Greeley & Hansen

the short, medium, and long-term engineering solutions proposed by the Task Force, which includes re-purposing abandoned underground cells at the McMillan Sand Filtration Plant and constructing 2,800 feet of 19-foot-diameter tunnel for storing up to 6.8 million gallons of combined sewage. We look forward to seeing you there! ■

Volunteers Needed for National Sustainable Design Expo

The 9th Annual National Sustainable Design Expo featuring the U.S. Environmental Protection Agency's P3 (People, Prosperity, and the Planet) Competition will be held Thursday and Friday, April 18–19, on the National Mall in Washington, DC. The ASCE will be sponsoring a booth with student and family-friendly engineering activities

on Thursday (April 18) from 11 a.m. through 6 p.m., and on Friday (April 19) from 9 a.m. through 6 p.m. The NCS and student volunteers will be needed to join with ASCE Headquarters staff for two shifts:

- Thursday at 10 a.m. (set-up) – 2 p.m., and 2 – 6 p.m.

- Friday at 9 a.m. – 2 p.m., and 1:30 – 6:30 p.m. (clean-up)

To volunteer or for additional information, contact Leslie Payne at lpayne@asce.org or Jill Sanders at jsanders@asce.org.

NSIDE National Sustainable Design Expo
 Come see the future of environmental protection today!
 April 18 - 19, 2013 • National Mall • Washington, D.C.

sponsored by: EPA United States Environmental Protection Agency, ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS, ENGINEERS WITHOUT BORDERS USA

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2013 Carbon Management Technology Conference (CMTC 2013)

Call for Abstracts: Abstracts will be accepted until April 15, 2013

The 2013 Carbon Management Technology Conference (CMTC) will draw professionals from all engineering disciplines to share their expertise and provide their perspectives on the reduction of greenhouse gas emissions and adaptation to changing climate. The conference will focus on engineering perspectives regarding key issues, including technologies, strategies, policies, management systems and metrics. Experts and practitioners will share their findings and experience with the readiness, effectiveness, and implementation of options involved in meeting the challenges posed by greenhouse gas emissions. Engineering expertise, experience, and perspectives are critical to developing a viable path to meeting these challenges.

CMTC welcomes engineers of all relevant disciplines, researchers and scientists, executives, agency personnel (international, federal, state and local), operations and maintenance engineers/managers, economists, academics, regulatory and legal professionals, suppliers of products and services, and project, technology and HSE managers to this successor to the inaugural 2012 CMTC.

CMTC will feature presentations by keynote speakers, technical papers, poster presentations, panel discussions, and workshops.

What is Unique about CMTC:

- Organized by eight key Engineering Societies to tackle both mitigation and adaptation,
- Reflects everything from in-the-field engineering experience to state-of-the-art research,
- Designed to meet the needs of engineers and corporate decision makers,
- Integrates interdisciplinary approaches to capture all essential perspectives, and
- Builds upon multi-disciplined experience and global lessons learned.

Key features of CMTC:

- Draws professionals from all engineering societies,
- Brings together experts from a multitude of disciplines in carbon management technologies,
- Participation by elected officers and executive directors of engineering societies,
- A multi-disciplinary focus on critical engineering issues for mitigation of and adaptation to climate change, and
- Participation of international leaders from the public and private sectors.

Sponsoring Organizations

NCS Committee News and Updates

NCS Younger Members Group – March Professional Development Meeting focuses on Façade Forensics

The ASCE-NCS Younger Members held its first Professional Development Meeting of the year at the *Rag Time* restaurant in Arlington, VA, on Tuesday, March 19th. The meeting featured a presentation on façade forensics by Mr. Michael Drerup, P.E., of Walter P. Moore and Associates. Mr. Drerup is an engineer with over 17 years of structural engineering and building technology experience focused on assessment, repair, and strengthening of existing buildings and structures. He has worked on a wide range of contemporary and historic facilities throughout the United States, but especially in the severe weathering environment of the Northeast. A substantial portion of Mr. Drerup's practice focuses on the performance and durability of building enclosures and construction materials.

Mr. Drerup presented an overview of the historical development of building facades and discussed basic principles of façade design and included



an introduction to some assessment techniques. The presentation helped attendees gain an understanding of how building facades are constructed, how they interact with the environment and other building components and systems, as well as understand the mechanisms of weathering and failures of common façade types. Basic principles

of building enclosure design and performance were also introduced, including physical integrity; water management; water vapor and air transport; and thermal performance.

For more information about the ASCE-NCS Younger Member Professional Development Meetings or to suggest a presentation topic, please contact Paul Parfitt at pparfitt@wje.com.

The ASCE-NCS Younger Members Forum (YMF) holds monthly happy hours in Arlington, VA, or Washington, DC. If you would like to become more active with the YMF or would like more information on its events, please contact the YMF President, Jordan Pitt, at wjpitt@mbakercorp.com or ncsymfpresident@gmail.com. ■



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Final "Day" and NBM Sets New Record

Some 646 Cub Scouts and Girl Scouts and over 500 parents attended **Cub Scout Day** at the National Building Museum (NBM) in Washington, DC, on March 16. The Scouts, friends, and their families participated in many engineering and architecture activities including construction of arch bridges out of drinking straws, paper clips, and *lots* of masking tape. This was the highest attendance ever for Scout Days, demonstrating the intense interest of grade school students in the engineering and building professions.



Charles Griffith helps a scout load-test his design.

As usual, the ASCE-NCS activity was great fun but also aimed to teach young people some engineering fundamentals. While we don't expect every Cub and Girl Scout to become an engineer, we know that after a day at the NBM, they have a greater appreciation for the built environment.

Many, many thanks to Dean Westman, our other volunteers, and to the NCS Board of Directors for making the Scouting and Discover



Engineering Days at the NBM possible. Our volunteers included:

- Keon De Roche
- Tim Garland
- Charles Griffith
- Mike Houlihan
- Doris Ling
- Shun Ling
- Shirley Penaloza
- Andrea Putscher
- Steve Putscher
- David Smith
- Lisa Winter



Charles monitors another scout's load test.



Based on load-testing, this scout has a bright future!

March Meeting Recap – NCS Sustainability Awards and Keynote Address

It was another successful Sustainability Meeting for the ASCE-NCS! A group of about 75 members and students gathered at the Hilton Arlington to learn about the entries for the NCS Sustainability Award and to hear the keynote presentation by Ms. Courtney Lorenz, Director of Environmental Management for SKANSKA USA.

Before the evening's activities began, Qamar Kazmi, Section President, took the opportunity to acknowledge and recognize the importance of the upcoming ASCE "Virginia Student Conference" by donating \$2,000 to the Howard University ASCE Student Chapter (HU Chapter). The HU Chapter will host the Conference of Virginia and West Virginia student chapters on April 4–6. Dr. Robert Efimba, ASCE Facility Advisor, and two HU Chapter members were on hand to accept the donation.

This year, the ASCE-NCS Sustainability Award winner was the **District of Columbia Department of Transportation (DDOT), Washington, DC, for its 11th Street Bridges over the Anacostia River**



Dr. Robert Efimba displays the NCS check received from Qamar Kazmi (right). Also pictured are Max Jordan Nguemeni, President of the ASCE Student Chapter at Howard University (far left), and Cameron Sanders, Captain of the 2013 Steel Bridge Team at Howard University.

Project. The Sustainability Committee stated that the project was an excellent example of the ASCE's ideal of sustainability which encourages the goal of managing the triple bottom line of

social, economic, and environmental consideration in design, development, and application.

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March Meeting Recap – NCS Sustainability Awards and Keynote Address

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The 11th Street Bridges Project includes the replacement of the existing the one-way pair of bridges together called 11th Street Bridges. These bridges connect the Southeast-Southwest Freeway (I-695) and the Anacostia Freeway (I-295), the Navy Yard, the Marine Barracks, Martin Luther King, Jr. Avenue, Anacostia National Park, the Historic Anacostia neighborhood, and 13th and 12th Streets SE. Pedestrian walkways connect the bridges with Anacostia National Park. The bridges carry over 100,000 vehicles every day.

DDOT worked very closely with Federal Highway Administration (FHWA) and a number of other federal and local agencies including the National Park Service, National Capital Park and Planning Commission, U.S. Commission of Fine Arts, U.S. Environmental Protection Agency, DC Office of Planning, and the public to develop sustainable transportation solutions for this project. The project resulted in isolating the local traffic and connections on one of the two rehabilitated bridges and keeping the interstate traffic on the other bridge. This allowed the project to meet the needs of the community with just the original two spans on the river, thus reducing the impacts on park lands, the Anacostia River, the community, and other natural resources. The project enhanced transportation sustainability by:

- providing pedestrian and bicycle access to the river and to the Anacostia Park;
- providing local connection between both sides of the Anacostia River;
- providing transit use on the local bridge;
- improving traffic safety and operations by separating local and freeway traffic;
- providing storm water management by using Low-Impact Development;
- reducing congestion;
- using Context Sensitive Solution design;
- avoiding/minimizing impacts to community and residents; and
- reducing the footprint of the bridge piers and abutments to reduce impacts on the river and adjacent wetlands.

This project won the FHWA Environmental Excellence Award in 2009/2010 and was also selected as one of the first pilot projects for the FHWA INVEST tool.



Alex Rosenheim, NCS Sustainability Committee Chair (left), presents the ASCE-NCS 2013 Sustainability Award to Faisal Hameed, Project Development & Environment Division Manager at DDOT (center). Also pictured is Scott Randall, SKANSKA Project Manager for the 11th Street Bridges Project (right).

Other outstanding projects mentioned were the DC Government's Consolidated Forensic Laboratory (Whiting-Turner) and the Klinge Valley Trail Project (DDOT with Stantec).

The evening was capped off with the Keynote Address by Ms. Courtney Lorenz, Director of Environmental Management for SKANSKA USA. Ms. Lorenz was assisted by Mr. Scott Randall of SKANSKA, who is the Project Manager for the 11th Street Bridges Project, which won this year's sustainability award.

To give a sense of the scope and depth of her efforts, Ms. Lorenz began the presentation with a detailed overview of SKANSKA and their industry role in both construction and project development. SKANSKA is an international company based in Sweden. Ms. Lorenz discussed her role as the Director of Environmental Management for their construction and development projects in the United States. Their sustainable impacts focus on four components: energy use, measurement and reduction of carbon footprinting, minimizing use of new materials, and reduction of water consumption.

She described their target principle of "five zeros," i.e., zero loss-making projects, zero environmental incidents, zero accidents, zero ethical breaches, and zero quality defects. Their focus on sustainable methodology and implementation is guided by incorporating their sustainable goals as business



Courtney Lorenz, Director of Environmental Management for SKANSKA USA, makes a point during her presentation.

decisions with third-party verification. One of the key independent benchmarks is SKANSKA's adherence to international standards, including ISA 14001 and OHSAS 18001.

Mr. Randall presented information on several of the recently completed and on-going projects as case-studies. He described their implementation of net-positive energy buildings with renewable resources being utilized wherever possible. He focused on elements of the 11th Street Bridges Project with commentary on the re-use of materials

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“Application of Geophysics to Geotechnical Problems”

ASCE National Capital Section Geotechnical Executive Committee

Presented by Rick A. Hoover, P.G., M.ASCE, Quality Geosciences Company

Note: This course is approved for PDH credit by the New York State Board of Engineers.

The Subject and Course

Increasingly engineers are required to know more about their clients' sites, with smaller budgets and shorter schedules available for gaining the required insight. Proper design and application of geophysical surveys can effectively supplement common site exploration and characterization practices. Participants will find that geophysical surveys can be a cost-effective way to expand site knowledge and understanding, complementing traditional investigation methods. The objective of this course is to expose the participants to the broad variety of geophysical methods available, fundamental geophysical concepts of various methods, and examine practical applications and limitations to engineering and environmental projects.

The participants will have an opportunity to examine a variety of geophysical tools, and work through the value of applying different geophysical methods to different problems. Geophysical methods will be reviewed, and the development of critical parameters for specific geophysical applications will be described. Geophysical methods to be covered in the course include: seismic reflection, refraction and surface wave dispersion; resistivity; electromagnetic and magnetic methods; ground penetrating radar; borehole methods; and a number of other geophysical methods commonly in use today.

Upon course completion, participants will be able to recognize available geophysical planning resources, know which geophysical methods will work and under what settings, and be able



to identify the concepts necessary to request or specify geophysical services.

About the Speaker

As project geophysicist and director for geophysical investigations, Mr. Hoover has a diverse background of responsibilities that includes geophysical procedure development marketing, geophysical cost estimating, equipment specification for acquisition, software specifications, field survey design, data acquisition, data interpretation, and reporting. Surface geophysical experience includes: seismic reflection, refraction, surface wave dispersion and microtremor (ReMi™); resistivity; electrical imaging (EI) electromagnetic (including EM31, EM34, EM61 and VLF); magnetometer and gradiometer; gravity; ground-penetrating radar (GPR) time domain; and magnetotelluric spontaneous potential and a variety of audio and radio frequency utility locating tools. Borehole geophysical experience includes the use of resistance, resistivity, SP, gamma, neutron, caliper, temperature, sonic, density, heat pulse and spinner flow meters, dip meter, and televiewer data and equipment. Managerial duties have included defining project scope, marketing, proposal preparation and cost estimating, development of bid documents, equipment specification, software testing and specifications, field acquisition design, the development of standard geophysical operating procedures and project quality assurance/quality control.

Mr. Hoover is a member of the ASCE, Geoinstitute geophysics subcommittee, Transportation Research Board geophysics subcommittee, and the ASTM International committee 18.01 on Surface and Subsurface Characterization. Mr. Hoover regularly teaches a variety of workshops on practical geophysics applied to engineering and environmental issues each year, and is a licensed professional geologist in the Commonwealth of Pennsylvania.

When: Thursday, April 18, 2013

7:30 am – 8:00 am: Continental

Breakfast and Registration

8:00 am – 5:00 pm: Program

Where: Marriott Tysons Corner, 8028 Leesburg Pike, Vienna, VA, 22182 703-734-3200

Cost: \$250.00 per person, \$150.00 per full-time student (must provide proof to receive student discount)

Register by April 10, 2013, by e-mailing Kellie Owens at kowens@geostructures.com.

Payment must be received in advance. Checks should be made payable to “ASCE NCS” and mailed to Shana Carroll, 10130 Old Frederick Road, Ellicott City, MD 21042.

No-shows will not be refunded.

Attendees will receive 7 Professional Development Hours. ■

March Meeting Recap – NCS Sustainability Awards and Keynote Address

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(which reduced shipping time and cost), community involvement, and benefits.

Ms. Lorenz concluded by discussing SKANSKA's goals moving forward. SKANSKA plans to continue to educate and recommend to their clients sustainable measures by making the economic case to incorporate both social and environmental considerations in

development. They plan to continue to implement and expand the incorporation of sustainable tracking metrics into enforceable contract, and to continue to learn more and apply innovative materials, systems, and methods for planning, design, and construction.

Ms. Lorenz serves as the U.S. representative on SKANSKA's global

Environmental Performance Network, was named as a Green Pioneer for North Carolina, a Sustainability Champion by Sustainability North Carolina, and currently serves on the Energy Policy Council for the State of North Carolina. ■

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

April 4–6

Volunteers are needed at the ASCE Virginias Student Conference, hosted by Howard University. Volunteers and/or judges needed for the Steel Bridge and Concrete Canoe Competitions. Volunteers/judges that did not attend any of the NCS area schools (Howard University, the Catholic University of America, The George Washington University, the University of the District of Columbia, and George Mason University) are preferred. To volunteer or for additional information, contact Dr. Robert Efimba at efimba@howard.edu.

April 5

The American Water Resources Association-National Capital Region will host an all-day symposium at the University of the District of Columbia, "The Past, Present, and Future of Water Resources." For agenda and registration information, click [HERE](#).

April 15

Abstract deadline for 2013 Carbon Management Technology Conference at Hilton Old Town in Alexandria, VA, October 21–23. (See newsletter ad.)

April 16

NCS Annual Awards Banquet at the Hilton Arlington. Our keynote speaker for the event will be David G. Mongan, P.E., F.ASCE, and former ASCE National President. The festivities will include presenting awards for the Project of the Year, ASCE-NCS life members, student ASCE member scholarships, and Community and Meritorious Service. (See newsletter lead article.)

April 18

NCS Geotechnical Committee-sponsored course "Application of Geophysics to Geotechnical Problems" presented by Rick Hoover, P.G., M.ASCE, at the Marriott Tysons Corner in Vienna, VA. Earn 7 PDHs.

Register by April 10 by e-mailing Kellie Owens at kowens@geostructures.com. (See newsletter ad.)

April 19–21

Join ASCE World Headquarters Staff and the NCS for the EPA's P3 Student Design Competition for Sustainability event on the National Mall in Washington. To volunteer or for additional information, contact Leslie Payne at lpayne@asce.org or Jill Sanders at jsanders@asce.org. (See newsletter brief.)

May 21

NCS monthly meeting at the Hilton Arlington. The program will feature a presentation by DC Water on the \$2.6 billion Clean Rivers Project and the Bloomingdale Flood Mitigation Project. The Clean Rivers Project is the largest construction project ever undertaken by DC Water. (See newsletter brief.) The May meeting will be our final dinner meeting until September 2013.

Employment Clearinghouse

Position Available

Civil Project Engineer – Full time position at Germantown, MD, office of Huron Consulting, to serve as an experienced project team member and/or task leader. Perform civil engineering analysis, planning, and design tasks as part of projects involving sustainable site design; roads and highways; landfills; subdivisions; site development; water and sanitary sewer systems; storm water management; infrastructure; or other civil engineering projects. BSCE and PE (MD preferred),

plus 6 years of related experience required. LEED AP preferred. Must be familiar with applicable federal, state, and local rules and regulations in the Mid-Atlantic Region, understand permit requirements, have a valid driver's license, and be legally eligible to work in the U.S. without additional sponsorship. Send resume and salary requirements to: **Nobis Engineering, Inc.**, Attn: Human Resources, 18 Chenell Drive, Concord, NH 03301, or apply at: <http://www.nobisengineering.com/careers>.

The ASCE-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 or would like to post a position, please contact the Employment Conditions Committee, National Capital Section ASCE, 8502 Buckhannon Drive, Rockville, MD 20854-3503; phone: (301)983-9777; fax: (301)983-1953; or e-mail sassi22@verizon.net.

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