

## Asset Management at DDOT

**Ronaldo T. Nicholson, P.E., Chief Engineer for DDOT's Infrastructure Project Management Administration, to present at November meeting**

For our final dinner meeting before the Holiday break, the National Capital Section (NCS) is pleased to welcome Ronaldo T. "Nick" Nicholson, who will be discussing bridge and tunnel maintenance activities at the DC Department of Transportation (DDOT), and repair of the Frederick Douglass Bridge.

The presentation will discuss DDOT's effort in maintaining its bridge and tunnel assets through indefinite delivery, indefinite quantity and performance-based contracts. Mr. Nicholson will talk about the current efforts in rehabilitating the Mall and 3rd Street tunnel as well DDOT's success in its largest design-build contract on the 11th Street Bridge. The presentation will conclude by covering the current efforts and status of transforming the South Capitol Street corridor for economic development, anchored by the replacement of the Frederick Douglass Bridge.

Nick was appointed Chief Engineer of DDOT in April 2010. He holds a Bachelor of Science Degree in Civil Engineering from the University of Kansas and a Master of Science Degree

in Structural Engineering from The George Washington University in Washington, DC. He is a registered Professional Engineer in Virginia and the District of Columbia, while serving as a member of the American Association of State Highway Official's Standing Committee on Highways, Structure and Bridge Subcommittee, as well as the Technical Committee on Tunnels. Nick is also an Adjunct Professor of Civil Engineering at George Mason University.

Please join us for what's sure to be an insightful presentation at the November NCS meeting on **Tuesday, November 13, 2012**. The meeting will be held at our usual meeting place, 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.),



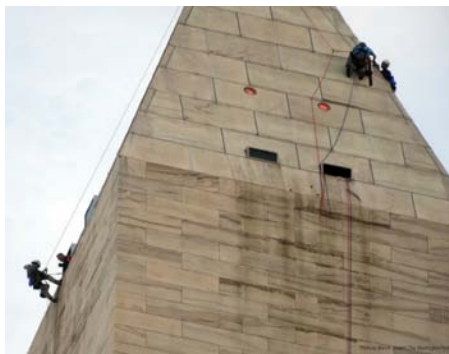
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and on the street (free after 6 p.m.). This location is in the same block at the Ballston Station on Metro's Orange Line. Registration and networking will be from 6 to 6:30 p.m., followed by dinner. The program will conclude by 8:30 p.m. The cost will be \$10 for students, \$40 for those who preregister, and \$50 for walk-ins. **Please RSVP by November 8, 2012**. One Professional Development Hour (PDH) will be awarded to attendees. Click [HERE](#) to register. For questions, please contact Qamar Kazmi at [qkazmi@sch-nabel-eng.com](mailto:qkazmi@sch-nabel-eng.com) or 240-238-2218. ■

## January 2013 NCS Meeting

**Seismic Assessment of the Washington Monument and Washington National Cathedral**

Following the August 23, 2011 magnitude 5.8 earthquake centered in Mineral,



VA – the most widely-felt earthquake in U.S. history and one of the largest to affect the east coast – engineers at Wiss, Janney, Elstner Associates, Inc. (WJE) were tasked with evaluating interior and exterior seismic damage to the structure and operations of the Washington Monument and Washington National Cathedral in Washington, DC. Mr. Erik Sohn, P.E., is a Senior Associate who has worked for WJE in the DC area for over 10 years, with extensive experience in the forensic investigation of building enclosure failures. As part of WJE's Difficult Access Team, a team

of engineers and architects at WJE that utilizes industrial rope-access techniques to survey buildings throughout the country, Mr. Sohn helped survey both structures after the earthquake. Mr. Sohn will be presenting on the tasks performed by WJE, which ranged from the initial emergency response and make-safe operations, to development of repair designs and the evaluation of potential seismic upgrades for these historic structures. Mr. Sohn is a registered Professional Engineer with a degree in Architectural Engineering from The Pennsylvania State University. ■

## President's Corner

First of all, hope you survived Sandy okay!

At the time of the Officers' installation I had mentioned that we will be seeking your input for the direction in which the Section should go. In the coming months, I plan to contact some of you directly to seek that input.

But in the meantime, by this message I am requesting you – yes, I mean YOU – to please give some thought to how in your participation in the Section activities over the years you may have had an idea for improvement. My e-mail address is [qkazmi@schnabel-eng.com](mailto:qkazmi@schnabel-eng.com); please share your thoughts and ideas with me. If you practice in a certain area and do not see any activity in the technical committee of



your field, please consider actively joining, forming, and running one!

In October, we had the honor of hosting Ms. Felicia James, P.E., of the WSSC, to speak on WSSC's 30-year plan for refurbishing and replacing its aging water and wastewater systems.

Infrastructure asset management is indeed a pressing need for our country as evidenced for the past so many years by the ASCE Report Cards. It will be the theme for this month's Section meeting as well when Ronaldo T. "Nick" Nicholson, the energetic Chief Engineer of the DC Department of Transportation will discuss DDOT's asset management efforts, some of the recent success stories, and upcoming signature projects. Please join us

on November 13 for Mr. Nicholson's presentation; the details of the program appear elsewhere in the Newsletter.

We all get busy throughout the year with our work, this project or the other, and sometimes forget to slow down and reflect on things. Thanksgiving, my favorite American Holiday, provides us with an opportunity to do so: to get together with our families, be thankful for all that we have, and to find ways of helping others and giving back.

Take care and have a Happy and Safe Thanksgiving!

Qamar A. O. Kazmi, PE  
President, ASCE-NCS

## ISI Takes Infrastructure Verification Live Through ENVISION™ Sustainable Rating System

On October 22, 2012, the Institute for Sustainable Infrastructure (ISI) announced the verification of infrastructure projects through Envision™, ISI's unique rating system for civil infrastructure. ISI's independent, third-party project verification program is a transparent and publicly-acclaimed process that assesses how well the project meets the Envision™ sustainable rating system evaluation criteria.

The ISI is a non-profit organization that promotes sustainable infrastructure design, construction, and operations. It was founded in 2010 by the ASCE, the American Public Works Association, and the American

Council of Engineering Companies after these organizations realized that the approximately 900 existing rating systems are either regionally-based or specific to a sector of infrastructure (such as roads, dams, or airports), but none feature an over-arching system for all types of infrastructure projects. To meet this need, ISI created the Envision™ sustainable infrastructure rating system. The ISI also collaborated with Federal agencies, universities, consultants, professional societies, and municipalities to develop and to



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thoroughly vet Envision™ with leaders of the global sustainable infrastructure community.

Additional information about the Envision™ web-based assessment tool is available from the ISI website at <http://www.sustainableinfrastructure.org/> or contact Mr. Bill Bertera, ISI Executive Director, at 202-218-6725 or [Bertera@Sustainableinfrastructure.org](mailto:Bertera@Sustainableinfrastructure.org). ■

## Newsletter

**L.J. Sauter, Jr., Editor**  
Telephone: 202-502-8205

**January 2013 Issue Deadline:**  
**December 1, 2012**

**To Submit Articles:**  
[laurence.sauter@ferc.gov](mailto:laurence.sauter@ferc.gov)

**Address Changes:**  
Call 1-800-548-ASCE, email [member@asce.org](mailto: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.

## National Capital Section

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**Webmaster (vacant)**

### Committee Chairs

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

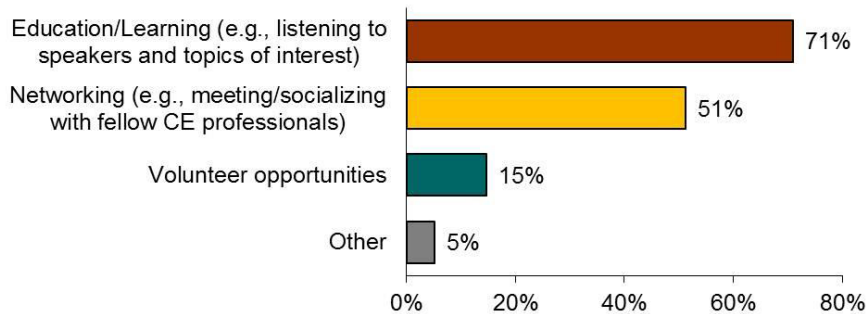
## Improving the Value of ASCE-NCS Membership

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 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.

We are presenting graphical representations of the Subcommittee's findings as a monthly feature, "At a Glance...". For more information about the Subcommittee, please contact Christian Manalo at [manalo\\_christian@bah.com](mailto:manalo_christian@bah.com). This month's graphic presents the benefits NCS members look for at the monthly dinner meetings. ■

### Education/Learning was the benefit of most interest to members, followed by Networking opportunities



#### Other Benefits of Interest as Identified by Respondents

- Training seminars
- Engineering Articles
- History & Heritage events
- Observe efficacy of association
- PDH Credits
- Critical Infrastructure
- Business development
- Project Experiences and Industry Best Practices
- Association
- Local mailings
- Newsletter
- Occasional Programs
- Professional Development
- Publications

- ▶ Events that provide an opportunity to both educate and network are ideal in terms of receiving the greatest number of attendees.
- ▶ Education/learning is primarily a function of the topic. Topics/speakers should be selected based on members' interests as identified in survey.
- ▶ Monthly meeting structure can potentially be modified to devote more time/attention toward networking (e.g., sponsors welcome table, recognizing special guests, approachability of speaker and Board, facilitating introductions, etc.)

Notes:

1. Based on responses to 2010 membership survey.
2. Respondents were allowed to select more than one benefit.

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# Sustainable Project Management – Delivering Projects for a More Sustainable Infrastructure

ASCE Promotes ENVISION™ System Seminar, December 11–12, 2012

There is an urgent need to provide more sustainable infrastructure projects because we are building for 2050 **now** – project by project. A new project management system must be practiced which recognizes both the *tenants* of sustainability and the *application* of sustainable measures. A rating system that meets both of these needs is now available, Envision™, sponsored by the ISI. (See previous newsletter article, **ISI Takes Infrastructure Verification Live Through ENVISION™ Sustainable Rating System.**) Project Managers in this modern, sustainable age must lead the efforts to form the right projects (fulfilling the perceived need in a sustainable way) and then accomplish the defined projects correctly the first time.

## Seminar Benefits

Upon completion of this seminar, you will be able to:

- understand the urgency of delivering more sustainable infrastructure projects under very uncertain conditions,
- determine the project management requirements necessary to lead sustainable projects in a collaborative way,
- practice using an expanded project delivery system for reaching planned sustainability with comprehensive measures, and
- become conversant in the new Envision™ rating system and pathways for application to infrastructure projects.

## Learning Outcomes

The primary learning outcomes for the ASCE Sustainable Project Management course are:

- Know what is required of the modern project manager to successfully deliver “sustainable projects.” By a “sustainable” project, we mean a project that addresses the consequences of having to perform in a non-sustainable operating environment and at the same time, make meaningful progress in improving performance across the dimension of sustainability.
- Know the difference between traditional and sustainable project management and be able to manage and lead a project in a way that successfully incorporates the principles of sustainability while meeting project owner requirements.
- Be articulate in the construction and application of the Envision™ Rating System for infrastructure projects in a way that drives sustainability and learning in a positive way.

## Intended Audience

Engineers, Planners, Project Managers, Regulatory Leaders, and Technical Experts. NOTE: Registration is limited to 30 attendees – **please register prior to December 6.**

## Seminar Instructor

The professional focus of S. David Ellison, P.E., M.ASCE, ENV-PV, is equipping people toward a sustainable planet. His work involves project delivery guidance, team facilitation, “how to” delivery processes, and tools that fully support collaborative project work, systems recognition, and development of creative solutions by project teams. These are the tenets of Sustainable Development, which is largely accomplished through the successful completion of solution-oriented projects.

Dave’s civil engineering background plus his extensive project/program management experience provides a rich platform for his focus on assisting people in accomplishing sustainable infrastructure projects. Dave understands the application of the Envision™

Rating System for Sustainability and is credentialed by the ISI as a Project Verifier.

Dave is the owner of Synergy Connects Inc.™ and co-founder of the Keystone Project Delivery Initiative™, which are focused on assisting enterprises in improving and expanding their project delivery environment and capacity through a proven, three-dimensional approach.

## Registration Information

To register by phone, call: 703-295-6300 or Toll Free: 800-548-2723

To register online, please go to: <https://secure.asce.org/ASCEWebSite/eSTORE/AddProductToCart.aspx?ProductId=175710229>.

All seminar registrations will be confirmed by e-mail within one week of receiving your registration. Seminar time and location information will be included with your confirmation letter. Seminar fees include all course materials, continental breakfast both mornings and lunch on day 1.

**Cancellations:** Cancellations must be made in writing via e-mail or fax and must include registrant’s name, confirmation number, and name/date of the seminar. If you cancel 7 business days or less prior to the seminar start date, no refund/credit will be issued. You may transfer your registration to another registrant with no penalty up until the day of the seminar. Transfer may only be used one time, no multiple transfers allowed. A price differential will be charged if transferring to a higher priced seminar. No credits/refunds will be issued for no shows.

**Dress:** Casual business attire is appropriate for this seminar.

**Membership:** Go to [www.asce.org](http://www.asce.org) to join ASCE and save on future continuing education opportunities. Enter **2013JOIN** in the promotion code section of the membership application.

**Registration Fee:** \$595 members/\$695 nonmembers

**Earn Credits:** Earn 1.2 Continuing Education Units after successful completion of exam. Exam will be available online after the seminar. ■



# 2013 ASCE-NCS Annual Awards Banquet

## Award Nominations Now Being Accepted

The Annual Awards Banquet gives us the opportunity to recognize and celebrate local excellence in projects, engineers, and students who have contributed to our society and our community. Every year, the NCS presents a number of awards during its annual banquet. Recognized parties include our Meritorious Service Award winner, Community Service Award winner, Outstanding Civil Engineering Project Award winner, Student Scholarship Award winners, and members of the NCS who have achieved Life Member status.

The Section award candidates are nominated by the Awards and Nominations Committee which actively seeks recommendations from NCS committees and members. **All members are encouraged to nominate**, either by e-mail or traditional mail, **members and/or projects for one of these awards**. The awards are granted by the NCS Board of Directors and are given at the Section's Annual Awards Banquet held in the spring. These awards include: the Community Service Award, the Outstanding Civil Engineering Project Award, and the Meritorious Service Award.

### Community Service Award

The Community Service Award recognizes outstanding contributions by an individual toward community

improvement in the Washington metropolitan area. The nomination can be submitted directly by the individual or by another member on his/her behalf. The nomination shall briefly describe the achievements and contributions of time and talent toward a civil engineering-related activity that has furthered the welfare of the community within a three-year period preceding the award. The Awards Committee reviews and selects the winner for this year's award. The awardee will be notified and invited as an honored guest to attend the banquet and to receive the award – an engraved plaque, naming the individual and accomplishment.

### Outstanding Civil Engineering Project

This award recognizes a local civil engineering project and is given when an engineering project in the National Capital area is deemed to demonstrate the greatest civil engineering skills and represents the greatest contribution to civil engineering progress. The project must have been substantially completed within the preceding three years. In granting the award, the Awards Committee considers the contribution to the well being of individuals, the resourcefulness in planning, the solution of design problems, the pioneering use of materials and methods, innovations

in construction, impact on the physical environment, sustainability, unusual aspects, and aesthetic values. The possible adverse effects of the project are taken into account as well as the beneficial aspects. The award is made for uniqueness, contribution to the regional quality of life, and to recognize technical achievement. An award plaque is given, naming the project and the firms and/or agencies involved. The awardees are notified and invited to attend the banquet as guests to receive the award.

### Meritorious Service Award

This award recognizes an individual member of the NCS who has made outstanding contributions to the work of the Section. The awardee must be an active member who has contributed significant time and talent to the Section and who sets a high standard of professionalism through service.

Please submit all nominations to John Casana no later than **February 15, 2013**.

John Casana, P.E.  
*Chair, Awards and Nomination Committee*  
4631 Lescot Place  
Annandale, VA 22003  
[casana\\_john@bah.com](mailto:casana_john@bah.com)

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## NCS Committee News and Updates

### Structural Engineering Committee – Concrete Shell Structures Seminar

On Wednesday, November 14, the Structural Engineering Committee will host a seminar, An Abridged History of Concrete Shell Structures, at the AECOM offices at 3101 Wilson Boulevard in Arlington, VA. The seminar will begin at 6:30 p.m. on the seventh floor. Upon entering the building, attendees will be required to call Timothy Park at 814-876-2782 to gain access to the seminar.

**Seminar Summary:** From the earliest civilizations to the present day, concrete shell structures have provided fascinating shelters for various purposes. These structures are elegant, efficient, secure, durable, and sustainable. Using modern design and construction methods, shell structures are also economical. This program will address shells found in nature, structural forms, prehistoric manmade shell structures, early concrete and masonry shell structures, the development of

reinforced concrete technology, pioneering shell designers, and notable reinforced concrete shell structures. This presentation will be similar to one given before a live audience at a technical session during the 2011 ACI Spring Convention.

#### The Presenter:

Theodore J. Smulski is Senior Structural Engineer at Delaware Engineering & Design Corporation in Newark, DE, where he works with a multidisciplinary team to solve unique problems for industrial, institutional, and commercial clients. With Bachelors and Masters Degrees in Civil Engineering from the University of Delaware and over 30 years of design experience, he is a licensed Professional Engineer in five states. Mr. Smulski is a Member of the ASCE, Structural Engineering Institute, and American Concrete Institute (ACI). He is also a member of



Concrete shell at the Hershey Park Arena.

ACI-ASCE Committee 334, Concrete Shell Structures, and he is active in the Eastern Pennsylvania and Delaware Chapter of ACI, having served as chapter President in 2007–2008.

Additional information about this exciting seminar is available from Timothy Park at 703-682-6080 or [timothy.park@aecom.com](mailto:timothy.park@aecom.com). ■

## October Meeting Recap – WSSC’s Asset Management for Sustainable Infrastructure

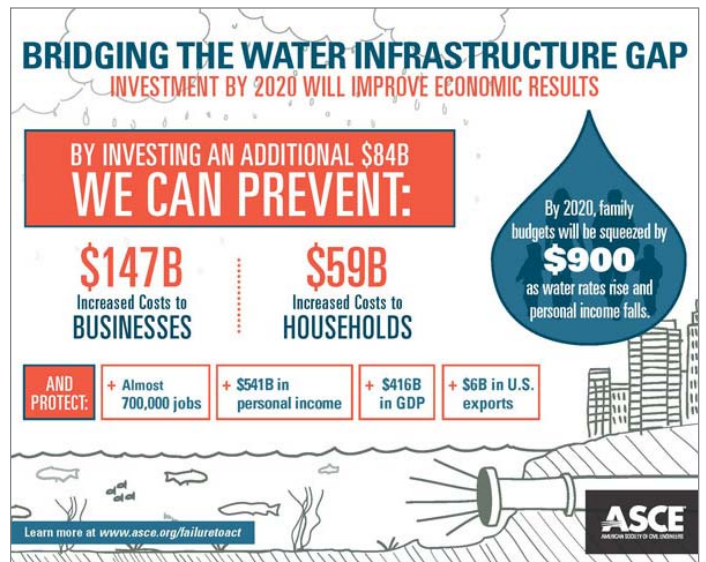
Ms. Felicia James, P.E., Asset Strategy Manager for the Washington Suburban Sanitary Commission (WSSC), presented an overview of the challenges and strategy being undertaken by the utility to address aging



infrastructure. There are about 1.8 million users in the WSSC’s 1,000-square-mile service area. Overall, the utility manages some 5,600 miles of drinking water pipeline, 5,400 miles of sewage collection facilities, 2 water treatment plants, 5 wastewater treatment plants, and 3 dams. For fiscal year 2013, the WSSC has an operating budget of \$661.7 million and a capital budget of \$788 million.

Ms. James provided national and utility-specific data and information on the growing problem associated with rehabilitating old systems, particularly underground water and wastewater utility lines. More than 80 members attended the October 16 meeting at the Hilton Arlington. ■

### ASCE-NCS Newsletter Patrons



## 2013 ASCE-NCS Sustainability Award Nomination

The eighth annual presentation of the ASCE-NCS Sustainability Award will recognize either private-industry outreach initiatives/projects or public legislation/programs in the metropolitan Washington, DC area that advance or promote the responsible and sustainable development of infrastructure, the built environment, or the conservation of natural resources. Last year (2012), the award recipient was the Architect of the Capitol.

### Award/Recognition Criteria

1. The nominated initiative or project advances or promotes sustainable development as defined by the ASCE's Code of Ethics:  
*"Sustainable development is the challenge of meeting human needs for natural resources, industrial products, energy, food, transportation, shelter, and effective waste*

*management while conserving and protecting environmental quality and the natural resource base essential for future development."*

2. The nominated initiative or project must adopt a long-term view, cognizant of environmental, social, and economic implications, and place heavy emphasis on the impact of choices made now on succeeding generations.

The nominated initiative or project must be located within the geographical limits of the NCS, i.e., the jurisdictions of Montgomery County, Prince George's County, Loudoun County, Fairfax County, City of Alexandria, Arlington County, or the District of Columbia.

Please provide a succinct description of project or initiative (limit to 100 words). *Your nomination should address the following:*

- the public or private entity responsible for the program (include point-of-contact information, if available), and
- how the nomination meets the general criteria outlined above.

The nominating individual must provide his/her name, affiliation, telephone number, and e-mail address, and all nominations should be submitted by **February 15, 2013**. For more information or to submit a nomination, contact the Chair of the ASCE-NCS Sustainability Committee, Alex Rosenheim, P.E., LEED AP, M. ASCE, at [alex.rosenheim@gmail.com](mailto:alex.rosenheim@gmail.com). This year's winner will be announced at the NCS Sustainability Banquet in March 2013. Please contact Mr. Rosenheim if you are interested in becoming involved with the Sustainability Committee. ■

## Engineers' Review of the National Climate Assessment Sought

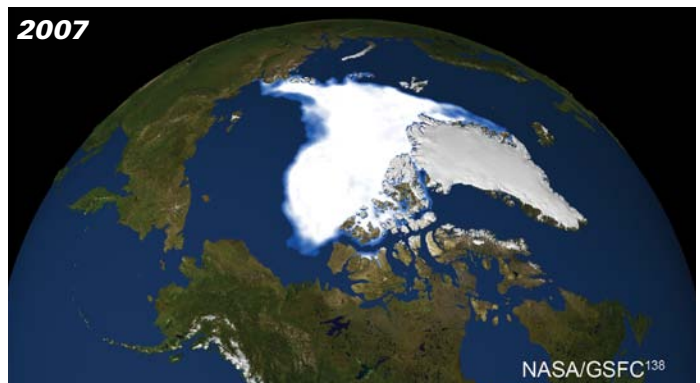
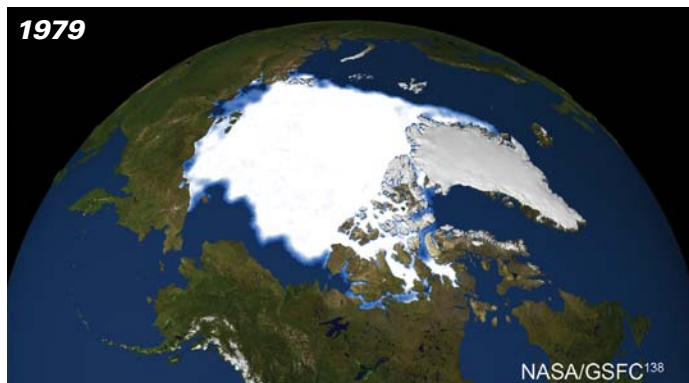
The Global Change Research Act of 1990 mandated that a national climate assessment (NCA) be conducted every four years, resulting in a report to the President and Congress. Because the last NCA was published in 2009, the next is due in 2013. A draft report will be completed by the NCA Development and Advisory Committee and released on December 1, 2012, so that it may be thoroughly reviewed by scientists and experts from inside and outside the federal government, the National Academy of Sciences, and the public. The focus on developing a continual assessment process means that activities within regions and sectors are expected to be

ongoing, and reports will be produced on a more frequent basis.

The NCA is an important resource for understanding and communicating climate change science and impacts in the United States. It informs the nation about already observed changes, the current status of the climate, and anticipated trends for the future. The NCA report process integrates scientific information from multiple sources and sectors to highlight key findings and significant gaps in our knowledge. The NCA is also establishing consistent methods for evaluating climate impacts in the U.S. in the context of broader global change. Finally, findings from the NCA provide

input to federal science priorities and are used by U.S. citizens, communities, and businesses as they create more sustainable and environmentally sound plans for the nation's future.

Additional information on the forthcoming 2013 NCA is available at <http://assessment.globalchange.gov>. **Civil engineers are encouraged to review the draft to obtain information relevant to their practice and to make recommendations for research needed to augment this information.** Research recommendations can influence the agendas of the 13 federal agencies participating in the U.S. Global Change Research Program. ■



Arctic sea ice reaches its annual minimum in September. The satellite images above show September Arctic sea ice in 1979, the first year these data were available, and 2007.

U.S. Global Change Research Program ([www.globalchange.gov](http://www.globalchange.gov))

# New to the NCS Website? Let Us Help You Get the Most from It!

The Computer Corner by Ranjit S. Sahai, P.E., F.ASCE, and Rachel Merkle

## The Value of Your ASCE Membership

Your membership in the National Capital Section of ASCE is a vital resource that can boost your career. ASCE provides numerous opportunities for the civil engineering community to come together as one cohesive organization to promote and advance professional knowledge, advocate and educate on behalf of civil engineers, and improve local communities. We are committed to providing you a broad range of opportunities and activities to deliver on these goals. Examples of activities we conduct include:

■ **Boundary Stones:** This ongoing NCS special project preserves the historical Boundary Stones that were placed nearly 200 years ago to establish the boundaries of Washington, DC, as we see it today. These stones are of vital importance to the history of civil engineering, and their preservation delivers value to generations of civil engineers to come. Find information about this under the Special Projects menu item on our Website. [#1 in the accompanying image]

■ **Monthly Section Meetings:** ASCE places great value on industry interaction and conversation among colleagues. The NCS hosts monthly evening meetings to help you engage with other engineers and industry specialists and discuss valuable industry trends in a formal yet relaxed setting. Each meeting includes a topical presentation by a keynote speaker, and dinner is provided. ASCE members can register and pay online by visiting [www.asce-ncs.org](http://www.asce-ncs.org) and clicking the blue button on the homepage that reads, "Click Here to Register." [#2 in the accompanying image]

■ **Improving Leadership Skills:** ASCE offers its members numerous leadership opportunities through technical committees and

leadership workshops. Members wishing to continue to master their leadership skills are encouraged to attend these events, or join a technical committee representing their area of interest. [#3 in the accompanying image]

■ **Volunteer Opportunities:** The future of civil engineering lies in the hands of today's youth. With so many young minds anxious to learn, volunteer engineers are always in high demand. If teaching is your strength, this is the opportunity for you. [#4 in the accompanying image]

Beyond featuring scheduled activities and events, the ASCE-NCS Website gives you access to current job openings at member firms [#5 in the accompanying image], as well as a state-of-the-art search feature that provides relevant information immediately upon typing a key word into the search bar. [#6 in the accompanying image]

## What We Update Monthly on the Website

We update the Website at least monthly, if not more frequently, to serve as a handy resource on industry news, organizational updates, and

beneficial event opportunities. Our monthly Newsletter is distributed via e-mail (with a few hard copies being mailed to members by special request). We also archive the newsletters on the Website. Issues from 2010 to present, in PDF format, are a click away. [#7 in the accompanying image]

In addition to posting the monthly newsletter, we update the calendar of events regularly. This calendar serves as a source of local events of interest to our members. Click *Events* on the Website to access it.

Located in the bottom right corner of the Website is a collection of computer articles titled "Computer Corner" that have been published in the newsletter. [#8 on the accompanying image]

## Gain Visibility

If your firm is looking for better visibility with our membership, we offer numerous sponsorship opportunities. You can sponsor our monthly Section meetings and/or our monthly Newsletter. Additionally, the ASCE-NCS Annual Awards Banquet provides a great opportunity when the incoming ASCE National President speaks to us about initiatives the organization

will be focusing on. When you sponsor our annual banquet, you are entitled to the display of your company logo for one year on our homepage with a link to your company's Website. We take this opportunity to thank our 2012 banquet sponsors: Booz Allen Hamilton, Clark Civil, FEA, Haley and Aldrich, Reinforced Earth, Schnabel Engineering, TMG Construction, and WJE. We are actively looking for 2013 banquet sponsors. Please contact [newsletter@asce-ncs.org](mailto:newsletter@asce-ncs.org) for more information.

## How Will You Get Involved?

The ASCE-NCS is home to a variety of technical committees. A list of committees you can participate in is available under the *Technical Committees* menu item on our Website. [#8 in the accompanying image]

*continued on page 9*



Legend: 1) Boundary Stones Information, 2) Technical Committee Information, 3) Monthly Section Meetings Information Sign-up, 4) Volunteer Opportunities, 5) Job Openings, 6) Search Bar, 7) Archived Newsletters, 8) Computer Corner, 9) Banquet Sponsors, 10) Board of Directors



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

### November 7–9

ASCE Continuing Education Seminar “Streambank Stabilization for Restoration and Flood Control Projects” to be held at the Sheraton Suites Old Town Alexandria. Earn 2.1 Continuing Education Units (CEU). For more information, click [HERE](#).

### November 13

NCS monthly meeting at the Hilton Arlington. The featured speaker will be Ronaldo T. Nicholson, P.E., Chief Engineer for the DC Department of Transportation’s Infrastructure Project Management Administration. (See newsletter lead article.)

### November 14

The NCS Structural Engineering Committee will host a seminar, An Abridged History of Concrete Shell Structures, at the AECOM offices at 3101 Wilson Boulevard in Arlington, VA. The seminar will begin at 6:30 p.m. For additional information, contact Timothy Park at 703-682-6080 or [timothy.park@aecom.com](mailto:timothy.park@aecom.com). (See newsletter brief.)

### November 29–30

ASCE Continuing Education Seminar “Structural Condition Assessment

of Existing Structures” to be held at the Holiday Inn Central, 1501 Rhode Island Avenue, Washington, DC. Earn 1.4 CEUs. For more information, click [HERE](#).

### December 1

Release of the draft 2013 National Climate Assessment. Additional information is available at <http://assessment.globalchange.gov>. (See newsletter brief.)

### December 6–7

ASCE Continuing Education Seminar “Seismic Loads for Buildings and Other Structures” to be held at the Holiday Inn Central, 1501 Rhode Island Avenue, Washington, DC. Earn 1.4 CEUs. For more information, click [HERE](#).

### December 11–12

ASCE seminar “Sustainable Project Management: Delivering Projects for a More Sustainable Infrastructure” at its World Headquarters in Reston, VA. Become conversant in the new Envision™ rating system and pathways for application to infrastructure projects. Earn 1.2 CEUs. For more information and to register, click [HERE](#). (See newsletter article.)

### January 15, 2013

NCS monthly meeting at the Hilton Arlington. The featured speaker will be Eric Sohn, P.E., Senior Associate at Wiss, Janney, Elstner Associates. Mr. Sohn will speak on his participation in the assessments of seismic damage conducted at the Washington Monument and Washington National Cathedral following last year’s earthquake. (See newsletter brief.)

### January 24–25, 2013

ASCE Continuing Education Seminar “Project Management” to be held at the Embassy Suites Hotel Center City Philadelphia. Earn 1.5 CEUs. For more information, click [HERE](#).

### February 16, 2013

Discover Engineering Family Day at the National Building Museum in Washington, DC. The NCS will be staffing a table to introduce kids of all ages to the fascinating world of civil engineering. Volunteer and join in the fun! Additional details will be presented in the January newsletter or can be obtained from Emily Dean at [EDean@rragta.com](mailto:EDean@rragta.com) or Dean Westman at [dwestman@rwallp.com](mailto:dwestman@rwallp.com).

## Employment Clearinghouse

### Position Available

**Quality Program Coordinator** – Civil Engineer needed to support major design-build project in southern Maryland for Delcan Corporation. Ideal candidate is a Maryland Professional Engineer; experienced with design and/or construction verification, database systems, data analysis and graphical reporting; and with an understanding

of Systems Engineering concepts. Interested individuals should contact David Brown at 303-419-4696 or e-mail [d.brown@delcan.com](mailto:d.brown@delcan.com).

*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](mailto:sassi22@verizon.net).*

## The Computer Corner *continued from page 8*

### Questions or Feedback? Contact Us!

The *Contact Us* menu item on our Website serves as a tool to help you identify officers and committee chairs and to send them feedback or to ask a question. The *Contact Us* menu item gives you access to the Board of Directors, Committee Chairs, and YMF Officers. [#10 in the accompanying image] Though we don’t publish e-mail addresses directly on the

Website (to prevent them from being mined by spam-bots), when you fill out the Contact Us form, it is tied to the featured individual’s e-mail and the recipient receives your message as an e-mail.

### About the Authors

Ranjit has been writing on computer topics since 1987 and has authored five books on CAD (MicroStation and AutoCAD). His next book is on

success in life and business (Be-A-Teacher.com). He is the founder of RAM Corporation and Chair of the ASCE-NCS Automation Committee. He welcomes comments and feedback via e-mail. To e-mail Ranjit, visit the **Contact Us>Committee Chairs** page at [www.asce-ncs.org](http://www.asce-ncs.org) or the **Contact Us** page at [www.rcare-solutions.com](http://www.rcare-solutions.com). Rachel Merkle is a graphic designer and executive assistant to Ranjit at RAM Corporation.