

The Envision™ Infrastructure Rating System for Sustainable Infrastructure

6th Annual ASCE-NCS Sustainability Award, Tuesday, March 20, 2012

2012 Sustainability Award Keynote Address

Mr. Peter Binney, P.E., M.ASCE, and Vice

President for Infrastructure Systems at Merrick & Co. in Aurora, CO, will deliver the keynote address for the National Capital Section (NCS) 2012 Sustainability Award. ASCE, together with the American Council of Engineering Companies and the American Public Works Association, has



been working to develop a Sustainable Infrastructure Project Rating System to assist civil engineers and other professionals in the planning, design, and implementation of sustainable infrastructure solutions. For the last two years, Peter has been working with ASCE's Committee for Sustainability on the development of a sustainable infrastructure rating system that will be used to guide practitioners and owners in achieving higher degrees of sustainable performance for civil infrastructure projects. He has also served as the Chair of the Technical Committee and as a past Board member of the Institute for Sustainable Infrastructure. He was awarded the ASCE's President's Medal in 2011 and the American Council of Engineering Companies – Colorado General Palmer Award in 2008.

2012 Sustainability Award

The ASCE-NCS Sustainability Award recognizes sustainable development of infrastructure, the built-environment, and the conservation of natural resources in the DC metropolitan area. The 2011 winner was the **Sidwell Friends Middle School**, Washington, DC, for a renovation and addition which transformed an original 55-year-old, 33,000-square-foot

facility into a state-of-the-art three-story, 72,000-square-foot sustainable teaching environment. Other past

recipients include the **Wolf Trap Foundation for the Performing Arts**; **U.S. Environmental Protection Agency** for *People, Prosperity, and the Planet*; the **Metropolitan Washington Council of Governments** for *Greening Metropolitan Washington Region Built Environment*,

and the **Anacostia Waterfront Corporation** for *Environmental Standards for Development*.

The March NCS meeting will be held on **Tuesday, March 20, 2012**, 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 6:00 to 6:30 p.m., followed by dinner. The program will start around 7:15 and conclude by 8:30 p.m. The cost will be \$10 for students, \$35 for those who preregister, and \$45 for walk-ins as space allows. Please **RSVP by March 15**, 2012. One Professional

ASCE-NCS Sustainability Award Criteria

1. The project/initiative 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 project/initiative adopts a long-term view cognizant of environmental, social, and economic implications, and places heavy emphasis on the impact of choices made now on succeeding generations.
3. The project/initiative is located within the jurisdictions of Montgomery County, Prince George's County, Loudoun County, Fairfax County, the City of Alexandria, Arlington County, or the District of Columbia (i.e., within the geographical limits of the NCS).

Development Hour (PDH) will be awarded to attendees. Click [HERE](#) to register. For questions, please contact John Casana at john.casana@gmail.com or 703-377-8980. ■

Nomination Process

Send a description of the program (limit 100 words) to Alex Rosenheim, P.E. and Chair, NCS Sustainability Committee at alex.rosenheim@gmail.com. The description should include (1) the public or private entity responsible for the program (including point-of-contact), and (2) how the nomination meets each of the three award criteria above. The nominating individual should include his/her name, affiliation, telephone number, and e-mail address with the nomination. **Nominations for the ASCE-NCS Sustainability Award will be received through March 4, 2012.**

President's Corner

In my last column commemorating Engineer's Week, I personally challenged you to contribute to our community through our NCS programs. Here are specific opportunities for you serve our community:



1. Our young person outreach program, led by Dean Westman (dwestman@wrallp.com), includes the National Building Museum (NBM) events (see related article in this newsletter).

2. Each April, we sponsor the U.S. Environmental Protection Agency's (EPA) P3 Expo on the Washington

Mall. The sustainability competition involves about 60 universities. See Alex Rosenheim (alex.rosenheim@gmail.com), ASCE-NCS Sustainability Committee Chair.

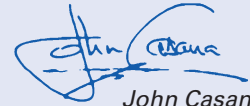
3. Our on-going program to restore Washington, DC's boundary stones is led by Stephen Powers (stephen.powers@mwa.com).

4. Our new initiative to prepare an Infrastructure Report Card for the DC area is led by Fady Afif (afiff@bv.com).

Opportunities exist to serve on technical and professional practice committees, or to coordinate seminar

and banquet events. We have a place for your web, and editing skills. Finally, our Officers and Directors serve for specific terms, so each year presents opportunities to serve on the ASCE-NCS Leadership Team. I find the amazing thing about community service is that you always feel like you receive more than you give. Please contact me at john.casana@gmail.com to begin the adventure. I look forward to hearing from you!

Sincerely,



John Casana, P.E.
NCS President

January Meeting Recap – Engineers Without Borders – USA

Greg Hermandorfer and Julio Vargas presented on the work the DC chapter of Engineers Without Borders-USA (EWB-USA DC) has completed with the people of Santa Clara, El Salvador, the history of EWB-USA, and the collaborative relationship between ASCE and EWB-USA.

Mr. Hermandorfer and Mr. Vargas provided an overview of the nearly \$250,000 project EWB-USA DC has been working on with the community of Santa Clara for the past 7 years. This project, which is set to connect approximately 250 homes in the community with clean water in the coming months, has provided many desperately needed infrastructure and public health improvements. They also provided the audience with a summary of opportunities to get involved with the chapter and its work. These opportunities include attending monthly meetings, serving on

various committees, helping to raise funds for project implementation, working on the project design team, and traveling to El Salvador to oversee the next phase of project implementation.

The next meeting for the DC EWB Chapter will be held on February 29 at 7:00 p.m. at the George Washington University Hospital building on the 6th floor. There will also be a Happy Hour to benefit the Santa Clara project on March 15th from 5:30–8:30 p.m. at Ireland's Four Fields (3412 Connecticut Ave NW) in Cleveland Park.



Greg Hermandorfer (left) and Julio Vargas.

EWB also offers discounted membership for ASCE members. For additional information or to get involved, please visit www.ewb-dc.org or www.ewb-usa.org. ■

Newsletter

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March 14, 2012

To Submit Articles:
laurence.sauter@ferc.gov

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://asce-ncs.org> for a current list of NCS committees and chairs.

ASCE Annual Conference 2012 – see all that Montreal has to offer!

The ASCE cordially invites you to join us at the Palais des Congres de Montreal by attending this year's Annual Conference. Don't miss out on the opportunity to experience one of the world's greatest cities with its unique twist on infrastructure. In a city that is renowned for its international influences and old world charm, the Palais des Congres de Montreal is a modern building that stands out because of its brightly colored windows and dramatic design.

Palais des Congres de Montreal

The Palais opened in 1983, then later in the 1990's the building underwent extensive expansion that doubled



its size and incorporated sustainable infrastructure into its core. The Palais des Congres de Montreal is featured in *1001 Buildings You Must See Before You Die*. The Palais' unique architecture is defined by the rainbow-colored glass exterior of 332 colored glass panels and 58 transparent glass panels that floods the interior with a luminous, pleasant, and energizing atmosphere.

The city of Montreal will be an enchanting host for ASCE's 142nd Annual Civil Engineering Conference. Besides being one of North America's

top destinations for conventions, the unique character of the city is due to a combination of North American vibe and European culture.

An international destination of choice, Montreal is easily accessed by land, water, and air. Downtown is a mere 20 minutes from the Pierre-Elliott Trudeau International Airport, which handles some 600 flights daily. Public transit is not only affordable, it's also a great way to get around the city. Quick, safe, and clean, the metro connects downtown to major tourism attractions as well as to numerous bus stops and train stations. In addition, cycling enthusiasts enjoy 450 kilometers of bicycle paths, many of which lead to major tourist areas.

Be sure to check out [Montreal's Tourism Website](#) for more information about what to see and do in the city, where you can learn more about restaurants, attractions, and cultural activities.

Don't forget to ensure you have a valid passport at all times and in some cases, a visa. American citizens returning home after a visit to Montreal should be aware that there are new Custom requirements in effect. For more information on obtaining or renewing your passport and Customs requirements, visit the web sites of [Citizenship and Immigration Canada](#) and the [U.S. Department of State](#).

Mark your calendar now and SAVE THE DATE for this year's event in Montreal, Canada, on October 18-20, 2012. ■



ASCE President-Elect Greg DiLoreto to Speak at NCS Annual Awards Banquet on April 10th

Please save the date for this year's NCS Annual Awards Banquet. This annual event is the highlight of the year, and we are honored to have ASCE President-Elect Greg DiLoreto, P.E., P.L.S., and F.ASCE, as our keynote speaker. The event also gives us the opportunity to recognize and celebrate local excellence in projects, engineers, and students who have



contributed to our community and our society. Recognized parties will include our meritorious service award winner, student scholarship award winners, those individuals who have achieved Life Member status, and a Distinguished Member Induction. More details will be provided in the April

Newsletter. **SAVE THE DATE!** ■

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Discover Engineering Family Day at the National Building Museum

On Saturday, February 18th, NCS volunteers helped thousands of kids of all ages become bridge engineers at the Discover Engineering Foundation's Family Day at the NBM in Washington, DC.

Over 6,000 kids and their parents and guardians participated in over 20 activities presented by local engineering chapters and national organizations. Discover Engineering Family Day has been produced for over a dozen years by a committee of local volunteers, including the NCS.

This year, the NCS activity was construction of a suspension bridge with drinking straws, paper clips, string, tape, and a cardboard bridge deck. As with all of our events, the new engineers got to test their structures by loading to failure.

The aim of Discover Engineering Family Day is to introduce kids and their parents to engineering. Kids introduced to engineering in elementary school and middle school have a better chance



Morning volunteers get ready for the bridge builders.



Bridge builders work as a team.



Architecture students from Bowling Green University develop their bridge design.

at preparing for the rigors of a college-bound high school curriculum and college-level engineering courses.

Regardless of whether a student chooses an engineering career in college, each participant in Family Day has a greater appreciation for engineering and the place of engineers in the world.

Our thanks to the NCS's Dean Westman and our 2012 Family Day Volunteers:

- | | |
|-------------------|-------------------|
| Emily Dean | Jacobo Flores |
| Crystal Lazcano | Tim Garland |
| Michael Magyarics | Tyler Ann Collins |
| Jon Jacobson | Pam Jacobson |
| Asif Faiz | Mrs. Asif Faiz |
| Sarah Steele | Jordan Pitt |
| Raminder Singh | Meera Ponnappa |
| Lynn C. Hall | Leslie Payne |
| Sara DeGroot | Ron Boenau |
| Vanessa Aririguzo | Andrea Putscher |
| Chad Ackley | Scott Wolf |
| Shirley Penalzoza | Andrew Jinks |



An inspired designer's product.



Bridges were loaded with small masonry units to failure.

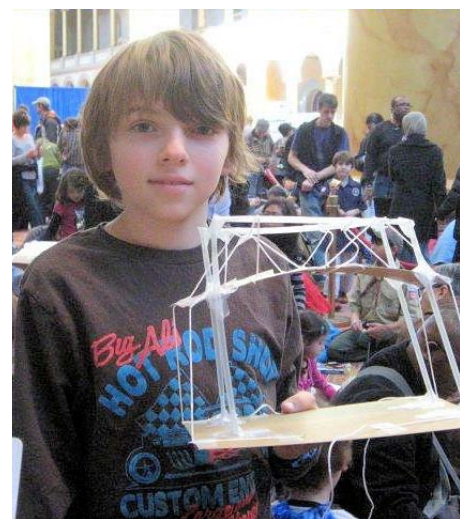


Bridge builders were encouraged to develop their own style.



NCS volunteer helps unload a bridge.

The Foundation's signature program, Engineers Week, celebrates the positive contributions engineers make to society and is a catalyst for outreach across the country to kids and adults alike. Engineers Week is part of many corporate and government cultures and is celebrated on every U.S. engineering college campus. Engineers Week 2011 celebrated a 60th anniversary (1951–2011). ■



Every builder has a different design concept.

Upcoming National Capital Section Volunteer Events

National Sustainable Design Expo, April 21–22 – National Mall, Washington, DC

Want to help kids understand the role civil engineers play in designing sustainable communities? ASCE World Headquarters is looking for volunteers to help-out with an educational outreach exhibit at the EPA's P3 (People, Prosperity, and the Planet) Expo taking place on the National Mall April 21–22. (Go to <http://www.epa.gov/ncer/p3/expo/index.html>.) The Expo, featuring collegiate level competition for sustainable design, has been held annually for the past several years and includes project competitions in a wide range of categories: water, energy, agriculture, built environment, and materials and chemicals. Volunteers are needed for morning and afternoon shifts on Saturday and Sunday during the expo. For more information or to volunteer, contact Leslie Payne at lpayne@asce.org.

the Washington Convention Center the weekend of April 27–29. The Convention Center is located at 801 Mount Vernon Place NW in Washington, DC. Clemson's Concrete Canoe team will be on hand to display their canoe and tell about their experience at the national competition.



Visitors to the booth will also get to experiment with water and buoyancy. Over 11,000 kids are expected to attend the Festival on **Sneak Peek Friday, April 27**. Volunteers are needed for morning and afternoon shifts Friday, Saturday, and Sunday. For more information or to volunteer, please contact Leslie Payne at lpayne@asce.org.

Cub Scout Day at the National Building Museum, April 28

The NCS will be conducting the suspension bridge building event for Cub Scouts at the NBM from 10 a.m. to 4:30 p.m. on April 28. Volunteers are needed for a morning shift and an afternoon shift. The NBM is located at 401 F Street NW, on Metro's Red Line at the Judiciary Square Station. Parking is available on streets in the neighborhood and at public parking garages. For more information or to volunteer, contact Dean Westman at dwestman@wrallp.com. ■

USA Science and Engineering Festival and Book Fair, April 27–29 – Washington Convention Center

Get out and show your love for civil engineering! ASCE World Headquarters is looking for volunteers to help at an educational outreach booth at the USA Science and Engineering Festival at

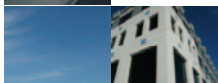


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Engineered Problem Solving

Annual NCS-GMU Excellence in Automation Awards

Celebrate excellence in the use of Automation in Civil Engineering.

Brought to you by the collaborative effort of the ASCE-NCS Automation Committee and the ASCE Student Chapter of George Mason University.



Keynote Speaker

Mr. Daniel is the coordinator of the Erosion & Sediment (E&S) Quality Assurance (QA) Team for the Environmental Programs Division at Maryland State Highway Administration (SHA). His duties include QA field reviews and the assessment of construction projects for compliance with E&S permit conditions and measures. He played a significant role in the design of the functionality of the QA Toolkit application that has automated SHA's QA program.



Embracing Technology at SHA to Improve Construction Effectiveness

Discover how technology, over the last several decades, has improved the effectiveness of construction processes. Mr. Daniel's presentation will highlight key innovations in the construction industry and provides examples of how the Maryland SHA has embraced technology to improve its effectiveness in design and construction.

Event Details

- **When:** 5 p.m. to 7 p.m., **March 6th**, 2012 (Tuesday)
- **Where:** Nguyen Engineering Building, Meeting Room 1602, George Mason University, 4400 University Blvd, Fairfax, VA. The Sandy Creek Garage is close by and costs \$3/hr for visitors. The campus map is located at <http://parking.gmu.edu/pdf%20files/parkingmap09.pdf>.
- **Fee: FREE!** Dinner will be served, courtesy of the ASCE-NCS.



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Tips for Securing Your Network

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

When computer networks were isolated within the walls of offices, an Internet connection was a luxury and not a critical component of business functions. That has now completely changed for businesses that rely on computers to acquire and deliver services. Customers, business partners, remote office locations, and mobile workers expect connectivity to your office network. This interconnected nature of networks opens doors to new levels of productivity, and to threats that can disrupt business.

Securing your network should not be an afterthought; it just makes business sense. The benefits of a secure network are numerous:

- it is more reliable, has fewer problems, and consequently costs less to maintain;
- it improves productivity across all your stakeholders – customers, partners, and employees;
- it protects your investment in bandwidth by controlling abusive use and unwitting hosting; and
- it lowers your exposure to legal and regulatory action.

In this article, I highlight numerous tips for securing networks. This information was gleaned from research of published industry best-practices and tips from government sites (such as the Federal Communications Commission), and from our own experience in supporting business networks.

The tips presented here can significantly enhance your computer network security. Do note, however, that **no one can guarantee absolute security**. You need to carefully balance the requirements for implementing security with proper investments in time and money, while keeping business objectives squarely in mind. These tips are organized into a few key strategies.

Employee Education and Policy Strategy

Provide Security Training. All employees, including managers and executives, should be educated on basic security practices and how to protect sensitive business information. Establish policies and rules (including

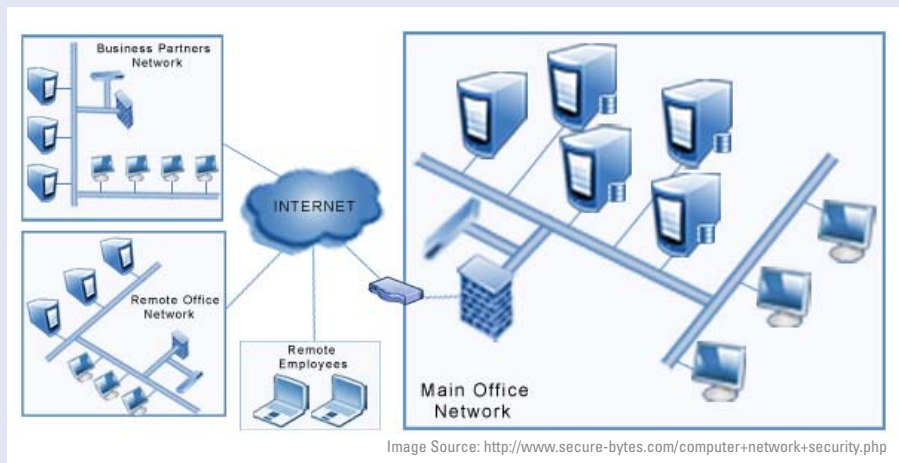


Image Source: <http://www.secure-bytes.com/computer+network+security.php>

penalties for violating them) on how to protect sensitive data, and make training available on a regular basis. Suggested topics include:

- whether and when to use the Web for personal use on office computers;
- the use of instant messaging, social networking sites, and streaming video and music;
- if and how the company monitors Web usage;
- prohibited activities;
- tips for safe browsing; and
- common techniques used by hackers and how to avoid falling prey.

Use Strong Passwords.

Passwords are the most common method for gaining access to network resources. Unfortunately, they are also easy to hack through the use of automated tools.

Train staff to use their passwords as they would their home keys: don't leave them lying around and don't share them. Strong passwords typically use a combination of upper- and lower-case letters, numbers, and symbols; are at least eight characters long; are changed every quarter; and differ significantly from previous passwords.

Regulate Access to Information.

You probably don't want to give everyone full access to everything. The judicious use of network user groups and permissions ensure network resources and data are available on a business-needed basis. Further, the Administrator account is only provided

to trusted employees and executives, and used only when necessary. Many line-of-business applications support roles, such as Sales, Operations, Accounts Payables, etc., provide access to data on a business-need basis.

Internal Network Strategy

Implement Backup and Disaster Recovery Procedures.

Core business data is the lifeblood of any business. Implementing a multi-level backup procedure (image, file and folder, and offsite) is a simple way to protect critical data. Backup and Disaster Recovery appliances take this a step further by helping you quicken

server recovery in case of failure. Testing your backups periodically is an important component of any backup strategy.

Implement Desktop and

Server Virus Protection. These software solutions have been around for a long time and they continue to evolve as threats evolve. Keep your anti-malware software (and its definitions) current.

Patch Desktops and Servers Regularly.

Security vulnerabilities in the operating system and in applications are regularly addressed by reputable software vendors; take advantage of them. Keeping security patches current from your software vendors protects your computer from known attacks and vulnerabilities. Again, there are centralized

continued on page 8

patch-management tools that make the process less time consuming.

Centralize Computer

Administration. By implementing a server and applying a group policy across computers, you can standardize the process and save each user the time it takes to implement configurations one computer at a time. There are tools to centrally manage virus updates, security patches, desktop firewall, permission groups, and other security features.

Secure Physical Access. Do not overlook the physical location of your critical network infrastructure. These should be accessible to trained and trusted employees. Keeping this infrastructure secure in a locked room or server closet will reduce inadvertent or fraudulent access or changes to the network.

Secure WiFi Access. WiFi access to the network enables even mobile employees to be productive. Data, as it travels over the air, is typically less secure than when it travels over wired networks. Information traveling over the air is at risk of interception. Use wireless data encryption protocols to ensure that data is encrypted during transit from source to destination to protect against interception. Also, setup wireless access point for guests on a separate subnet so they can access the Internet but not your network.

External Network and Perimeter Strategy

Consider Outsourcing E-mail

Services. Corporate e-mail has become mission-critical for businesses of all sizes. If you do not have a mission-critical application support infrastructure internally, consider outsourcing your e-mail infrastructure. The widespread availability of such solutions from key industry vendors makes these affordable. And you can leave the worry of securing and maintaining such infrastructure in the hands of those that do it 24-7.

Secure the Perimeter.

Connecting your network to the Internet allows you and your employees to gain access to valuable data and be productive even when on-the-run, but it also exposes your network to attack from intruders. Most small businesses use consumer grade routers/firewalls to protect the edge of their network that is right behind the broadband modem. Though these devices have grown in functionality, they aren't equipped to handle the perimeter security needs of a business. With business-grade routers/firewalls/UTM (Universal Threat Management) appliances, you gain a powerful hardware platform that provides the ability to filter malicious traffic and spam from the outside; receives regular security updates; provides secure remote access; implements intrusion detection

and prevention services; and prevents the execution of infectious code from trusted but compromised sites.

Stay Informed and Vigilant.

There are numerous industry and government sites dedicated to network security. Stay informed as data and practices continue to evolve. Business-grade UTM appliances are designed to be monitored remotely from security operations centers and to send reports and alerts that may need attention.

Request Links to Related Resources

If you found this topic of interest, I encourage you to request a list of additional resources you can download at no cost. Simply email: info@rcare-solutions.com with the words "Network Security Tips" in the Subject line.

About the Author

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 or the **Contact Us** page at www.rcare-solutions.com.



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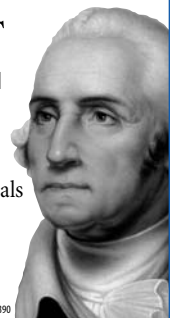
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Upcoming Events *(Also available on the NCS website under the Events tab)*

March 3

Bridging Skills from Engineer to Leader. This is a joint professional development seminar sponsored by the NCS Engineering Management Committee and the Society of Women Engineers (SWE) Baltimore-Washington Section. For further information, contact Tom Lanyon (NCS) at tlanyon@myrapidsys.com or Marcy Bartlett (SWE) at mfbartlett@cox.net. Click [HERE](#) to register.

March 6

Annual NCS-GMU Excellence in Automation Awards, 5–7 p.m. at the Nguyen Engineering Building on the George Mason University campus. (See newsletter flyer.)

March 7

NCS Younger Members Happy Hour, beginning at 6 p.m. The tentative location for this event is Mackey's Public House in Washington, DC. Please watch the NCS website (www.asce-ncs.org) under the Younger Members tab or contact Sonja Hinish for more information at shinish@wje.com.

March 7–9

5th Annual Transportation & Infrastructure Convention, Capital Hill in Washington, DC. For further information, contact Karen Brown at 214-750-0123 or kbrown@dean.net.

March 11–15

North American Society for Trenchless Technology's No-Dig Show at the Gaylord Opryland Hotel and Convention Center in Nashville, TN. Technical sessions include 155 presentations related to water, wastewater, stormwater, electrical, and gas. Pre- and post-conference courses and PDHs are available. Go to www.nodigshow.com for more information or to register.

March 12

Suburban Maryland Transportation Alliance and the Purple Line Now! Coalition hosts a regional transportation forum to discuss the top-priority projects in Prince Georges County, MD, and pending legislation to boost transportation funding. Holiday Inn, 10000 Baltimore Avenue, College Park, MD, from 7:30 to 9:30 a.m. For more information, contact Richard Parsons at rparsons@mdtransportation.org or 301-503-0697.

March 20

NCS monthly meeting at the Hilton Arlington. This program will include presentation of the 6th Annual ASCE-NCS Sustainability Award and the 2012 Sustainability Award Keynote Address by Peter Binney. (See newsletter lead article.)

March 20–22

ASCE's Legislative Fly-In, Washington, DC. This event provides ASCE members with the opportunity to learn about public policy issues affecting the civil engineering profession, and to communicate the civil engineer's perspective on those issues with elected officials on Capitol Hill. See the ASCE website for details.

March 31–April 1

Washington Academy of Sciences and Affiliates Capital Science 2012, to be held at three university sites in Arlington, VA. More information is available at <http://www.washacadsci.org/capsci12/body.htm>.

April 10

NCS monthly meeting at the Hilton Arlington. The Annual Awards Banquet will feature a keynote address by ASCE President-Elect Greg DiLoreto, and numerous awards/recognition for local projects, engineers, and students. (See

newsletter brief and further details in the April newsletter.)

April 14

The Association for the Advancement of Cost Engineering International's Leadership Conference in Washington, DC, will present Christopher P. De Santis, Management and Organization Development Design and Delivery Consultant. For more information, contact Garth Leech at gleech@aacei.org or 304-296-8444.

April 21–22

The U.S. Environmental Protection Agency's P3 Sustainability Expo on the National Mall in Washington, DC. Volunteers are needed to help staff an exhibit booth. For more information or to volunteer, contact Leslie Payne at lpayne@asce.org. (See newsletter brief.)

April 27–29

The USA Science and Engineering Festival and Book Fair on the National Mall in Washington, DC. Volunteers are needed to help staff an educational outreach booth. For more information or to volunteer, contact Leslie Payne at lpayne@asce.org. (See newsletter brief.)

April 28

Cub Scout Day at the National Building Museum in Washington, DC. Volunteers are needed to help staff this event. Help inspire the next generation of civil engineers! Contact Dean Westman to volunteer or for additional information at dwestman@wrallp.com. (See newsletter brief.)

October 18–20

Civil Engineering in the New Global Economy is the theme for the ASCE's 142nd Annual Conference in Montreal, Quebec, Canada. Visit the [ASCE Conference website](#) for further information. (See newsletter flyer.)

Employment Clearinghouse

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.