

## Panel Discussion: Infrastructure Security and Preparedness: Transportation, Water, Energy

Crystal City Hyatt, February 16, 2010, 6:00 to 8:30 pm

Many organizations have undergone major transformations in recent years with respect to how they address the protection of our nation's critical infrastructure. More than eight years after 9/11, organizations continue to adapt and settle into their new roles. Starting with an initial rapid thrust to reorganize, and in some cases, reinvent themselves, many organizations face the challenge of developing strategies and tactics against adversaries that are difficult to defeat and even define.

What are the new roles and responsibilities of organizations with respect to critical infrastructure protection? How have organizations responded and continue to respond to the challenges they face? Are we adequately addressing our greatest threats and vulnerabilities?

To explore these questions, ASCE-NCS has convened an expert panel consisting of representatives from key segments of our nation's critical infrastructure. The panelists are each leaders

### President's Corner

February is turning to be a month with one snow storm after the other. So please be safe! The third full week of February is National Engineers' Week; a proper time to reflect back on the contributions that engineers have made, are making, and will continue to make to society. This year's Engineers' Week is from February 14 through 20. During Engineers' Week, to promote the importance of math and science, the ASCE-NCS is participating in a number of activities such as Family Day, Future City, and Introduce a Girl to Engineering. More information follows in the newsletter.

Fady

**"...it is more likely than not that a weapon of mass destruction will be used in a terrorist attack somewhere in the world by the end of 2013...America's margin of safety is shrinking, not growing."**

*Bi-Partisan Commission on the Prevention of WMD Proliferation and Terrorism, Dec. 2008.*

responsible for security and emergency preparedness and working within different sectors of infrastructure—transportation, water, and energy. Each of these sectors are recognized for their vital importance to our nation's economy, safety, and well being. If compromised, each of these sectors can have a potentially devastating impact on our nation.

Panelists will each present and discuss their respective areas of focus and their organization's activities around critical infrastructure protection. The panel will be moderated by Mr. Christian Manalo, P.E., DEE. Mr. Manalo is an Associate at Booz Allen Hamilton experienced in security and preparedness for government installations, public utilities and transportation systems, including chemical, biological, and radiological preparedness and planning. He holds both M.S. and B.S. degrees in Civil and Environmental Engineering from the University of Maryland and Rutgers University, respectively.

The Transportation Security Administration (TSA) was created in 2001, soon after the attacks of September 11. Although most recognized for airport passenger screening, TSA is also the lead federal agency responsible for transportation infrastructure security, for modes of transportation that include highways,

railroads, buses, mass transit and pipelines, as well as airports. Within TSA, the Office of Transportation Sector Network Management



Transportation Security Administration

(TSNM) is actively executing a far-reaching strategy that includes risk assessments, security standards development, operator assessments, and security enhancements. TSNM's Highway & Motor Carrier (HMC) Division focuses on the nation's roadways, charged with leading the nation's efforts to maintain the capability of free movement, facili-

### Transportation Sector Statistics

- 54 tunnels over 500 meters in length; 582,000 bridges over 20 feet of span.
- 42,000 HAZMAT trucks; 2.7 million licensed HAZMAT drivers.
- 2.2 million miles of hazardous liquid and natural gas pipeline.
- 120,000 miles of major railroads.
- 9 million containers moving through 51,000 port calls; and 11.2 million containers via Canada and Mexico.
- 19,576 general aviation airports, heliports, and landing strips.

tate commerce in all conditions, and setting standards of excellence in highway security.

Mr. Ernesto Acosta joined the HMC Division in 2007 where he currently serves as Transportation Security Specialist, focusing on surface transportation security, including the security of bridges and tunnels. Mr. Acosta received a Master of Regional Planning Degree from the University at Albany-SUNY, and a B.S. degree in Urban and Regional Studies from Cornell

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University. He is a member of the American Institute of Certified Planners and the American Planning Association.

Founded in 1881, the American Water Works Association (AWWA) has grown to over 60,000 members from throughout the drinking water industry, including public utilities, engineers and scientists, environmentalists, manufacturers, academics, regulators, and others. In more recent years, AWWA has focused considerable attention and resources toward improving water security and preparedness. The days



American Water Works Association

out the drinking water industry, including public utilities, engineers and scientists, environmentalists, manufacturers, academics, regulators, and others. In more recent years, AWWA has focused considerable attention and resources toward improving water security and preparedness. The days

### Water Sector Statistics

- The U.S. consumes 408 billion gallons of water per day. Drinking water is distributed through over 700,000 miles of pipeline; approx. 3,000 systems supply 75-percent of tap water.
- 75,000 dams in the U.S., including over 8,000 major dams (>50 feet tall with capacity >5,000 acre-feet, or any height with capacity >25,000 acre-feet).
- Globally, three million people die annually from waterborne disease (>8,000 per day).

following Hurricane Katrina reminded the nation that few resources are as basic as drinking water, and the ability of the water sector to overcome major threats, both natural and man-made, is of paramount importance.

Mr. Kevin Morley is the Security & Preparedness Program Manager for

## ASCE-NCS January Section Meeting

Thank you to the 70+ who attended the January Section Meeting about Leveraging the Power of Building Information Modeling and 3D Imaging. Thank you, Mr. Stephen Hagan and Mr. Mitch Schefcik for a great eye-opener presentation.

Many thanks to our very own Bernie Dennis for his hard work in organizing the program. -Fady

AWWA. In this role he works closely with the Department of Homeland Security (DHS), the U.S. Environmental Protection Agency, Centers for Disease Control and Prevention, and the Water Sector Coordinating Council. He is a frequent author and contributor to many publications on the topic of contaminant monitoring systems, mutual aid, and other issues surrounding water security. Mr. Morley received an M.S. degree from SUNY College of Environmental Science and Forestry and a B.A. degree from Syracuse University, and is currently a doctoral candidate at George Mason University focusing on security issues in the water sector. Mr. Morley received the 2006 Partners in Preparedness Award from the International Association of Emergency Managers (IAEM) and the 2007 Private Industry Award for Distinguished Leadership in Critical Infrastructure Resilience from The Infrastructure Security Partnership (TISP).

The U.S. Nuclear Regulatory Commission (NRC) was created in 1974 to regulate the civilian use of nuclear materials to ensure adequate protection of public health and safety, promote common defense and security, and protect the environment. The NRC's core mission covers three areas: *reactors*, including electric power generation and research and test reactors; *materials*, including use in medicine, industry and academia; and *wastes*, including transportation, storage, and disposal, and decommissioning of nuclear facilities. Within NRC, the Office of Nuclear Security and Incident Response (NSIR) develops overall agency policy and provides management direction for evaluation and assessment of technical issues involving security and emergency preparedness at nuclear facilities. NSIR is the agency's interface with DHS, the intelligence and law enforcement communities, the Department of Energy, and other agencies. The Office provides technical expertise regarding emergency preparedness issues and conducts and directs NRC's program for responding to incidents.

Mr. Scott Morris joined NRC in 1993 after serving seven years active duty in the U.S. Navy nuclear submarine program. He currently serves as Deputy Director within NSIR, and



### Nuclear Sector Statistics

- NRC regulates 104 commercial reactors at 65 U.S. nuclear plants; plants are located in 31 states and operated by 30 different companies; 36 non-power-producing reactors are also regulated by NRC.
- Over 50,000 metric tons of spent nuclear fuel has accumulated in the U.S.; underground storage at Yucca Mountain, Nevada had been planned for permanent storage.
- 19% of electric power generation in the U.S. is derived from nuclear power.

previously served in the Office of the Executive Director for Operations and as Senior Resident Inspector at the Hope Creek and Salem Nuclear Generating Stations. Mr. Morris received a B.S. degree in electrical engineering from Pennsylvania State University. ■

## ASCE-NCS February Section Meeting

If you are an ASCE-NCS member, who lost their job, you can attend the February section meeting without paying the registration fee; but please, make sure you register. ■

### Newsletter

#### Rollie Berry, Editor

United States Nuclear Regulatory Commission  
Office of Nuclear Security & Incident Response  
Mail Stop: T-3B46M  
Washington, DC 20555-0001  
Telephone: 301-415-6119  
[Rollie.Berry@nrc.gov](mailto:Rollie.Berry@nrc.gov)

**March 2010 Issue Deadline:**  
**February 15, 2010**

#### To Submit Articles:

Email: [Rollie.Berry@nrc.gov](mailto:Rollie.Berry@nrc.gov)

#### Address Changes:

Call 1-800-548-ASCE, email [member@asce.org](mailto:member@asce.org), go to [www.asce.org/myprofile/](http://www.asce.org/myprofile/), or write: ASCE – Membership, 1801 Alexander Bell Drive, Reston, VA 20191. Remember to include your membership number.

## 2010 Awards Banquet

Our 2010 Awards Banquet will be held Tuesday April 20th at the Hyatt Regency in Crystal City. Blaine Leonard, ASCE National President, will be our guest speaker. During the banquet, outstanding civil engineers, civil engineering students and civil engineering projects will be recognized. If you know an ASCE-NCS member deserving recognition for meritorious service to the National Capital Section or to the Washington metropolitan area please let Fernando Pons ([FPons@haleyaldrich.com](mailto:FPons@haleyaldrich.com)) know. Similarly, if there an outstanding local project you have worked that can be nominated, please let us know. See nominations form in this newsletter. ■

## Family Day

On Saturday February 20, 2010, ASCE NCS YMF will again host its annual activity at the National Building Museum in DC for the National Engineer's Week Discover Engineering Family Day. This day-long program attracts thousands of participants every year with activities from sponsors and local professional societies that highlight engineering principles through hands-on activities. Last year volunteers from NCS, ASCE headquarters, Catholic University of America, and Howard University joined together to facilitate the section's engineering related activities. YMF is seeking volunteers for set-up on Friday afternoon, the morning activity shift on Saturday (9 am to 1 pm) and the afternoon activity shift on Saturday (1 pm to 5 pm). If you have not done so, please let us know if you are interested in participating. For more information about this outreach opportunity, please contact Emily Dean at [dean.emilyanne@gmail.com](mailto:dean.emilyanne@gmail.com) who will be leading the effort this year. ■

## Stephen Powers and ASCE Recognized in Washington Post

National Capital Section Board of Directors member Stephen Powers was recognized in *John Kelly's Washington* column in the [Washington Post](#) on December 30, 2009. Stephen's Meritorious Service Award from NCS was noted for his work in helping to preserve and publicize the Federal City Boundary Stones that delineate the original surveyed boundary of Washington, DC. ■

## Washington DC Engineers Week 2010 Activities

**DCCEAS: DC Council of Engineering and Architectural Societies**  
[www.dcceas.org](http://www.dcceas.org) | [www.eweek.org](http://www.eweek.org)

### Engineers & Architects Day Luncheon

**Wednesday, 24 February 2010, 11:30 am, Pier 7 Restaurant**  
650 Water St SW, Washington, DC, 202-554-2500. Complimentary 3 hours of parking, or walk from the Waterfront Metro Station.

Join us to proclaim Engineers Week in the Washington DC area!

Luncheon speaker: Mr. Leonard R. Benson, Acting Chief Engineer/Assistant General Manager, District of Columbia Water and Sewer Authority

*Tickets: \$25.00 per person, or tables of 10: \$250.00\**

### Awards Banquet

**Saturday, 27 February 2010, 6:00 pm, Lincoln Ballroom at Crowne Plaza Hotel, Silver Spring**

8777 Georgia Avenue, Silver Spring, MD 20910, 301-589-0800. 4 Blocks from the Silver Spring Metro Station. Free parking behind the hotel.

Keynote Speaker: Dr. Charles M. Vest, President, National Academy of Engineering

The program includes DCCEAS awards for the Engineer, Young Engineer and Architect of the Year. The winning team from the DC Region's Future Cities Competition will also be recognized at the banquet.

*Tickets: \$50.00 per person, or tables of 10: \$500.00\**

**Reservations for both luncheon and banquet are due by February 15, 2010**

Checks should be made out to DCCEAS Please mail checks to Dr. Tolulope Odunlami, DCCEAS Treasurer, Email: [TAOENERGY@aol.com](mailto:TAOENERGY@aol.com)

**Mailing Address:** DCCEAS  
PO Box 18842  
Washington, DC 20036-8842

For each banquet reservation, please specify one of three dinner entrées: 1) Breast of Chicken, 2) Salmon Fillet, or 3) Vegetarian. If no preference is specified, the default choice of Breast of Chicken will be assumed.

*\*No Shows Will Be Billed*

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## ASCE NCS 2010 Awards Program

### **Nominations Now Being Accepted**

Every year, the National Capital Section (NCS) presents a number of awards during its annual banquet. The banquet this year will be on April 20, 2010, from 6:00 pm till 9:00 pm. The following awards constitute the Awards Program of the National Capital Section of ASCE.

The Section award candidates are nominated by the Awards and Nominations Committee which actively seeks recommendations from NCS committees and members. I encourage all members to submit, either by email or mail, the names of the members and/or projects for nomination for one of these awards. The awards are granted by the NCS Board of Directors and are given at the annual section awards banquet held in the spring. Three separate awards comprise the program: the Community Service Award, the Outstanding Civil Engineering Project Award, and the Meritorious Service Award. Each is described below.

### **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. In granting 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. The award is 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" by "demonstrate outstanding civil engineering achievement. 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, pioneering use of materials and methods, innovations in construction, impact on the physical environment, 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. The 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 National Capital Section 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 Fernando Pons ([fpons@haleyaldrich.com](mailto:fpons@haleyaldrich.com)) no later than **March 17, 2010**. ■

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## Volunteers Needed for Technology Student Association

The Technology Student Association (TSA) is seeking judges for their regional and state fairs to be held in March and April 2010. The TSA is a student organization of over 150,000 high school and middle school students interested in technology. TSA members enhance their classroom experience competitive events and conferences.

A TSA regional fair will be held at Colonial Forge High School in Stafford County on March 6 from 8:00 a.m. to 5:00 p.m. Middle and High School students will have the chance to compete in thirty-two events at the regional level in which only the top three finishers will advance to the statewide competition (Technosphere). Some of the events include: Imaging technology, graphic design, essay writing, prepared and

extemporaneous presentation, dragster design, CAD and engineering design. Colonial Forge High School is at 550 Courthouse Road, Stafford, Virginia 22554

The TSA State fair will be held at the Sheraton Premiere Tysons Corner in Fairfax County April 23-25. All of the TSA events (about 60) will be competed at the state level (team and individual competitions) in addition to the competitions at the regional level there are also team competitions including: chapter team (parliamentary procedure) problem solving, structural engineering, technology dare, systems control technology, debating technology issues, cyberspace pursuit, electronic game design, agriculture and biotechnology, medical, and SciViz. The competitions

begin Friday night and end with an awards ceremony on Sunday morning. In addition to the competitions there are mandatory general conference sessions for Virginia TSA.

The goal of the Northern Regional Fair and Technosphere is to expand TSA member's classroom knowledge of technical concepts and translate that new knowledge to real world applications, in turn learning the value of teamwork and leadership. The theme for this years TSA conferences is "TSA: Tomorrow's Leaders

National Capital members and friends interested in volunteering or obtaining more information should contact TSA Secretary Angela Roller at [aroller2828@hotmail.com](mailto:aroller2828@hotmail.com) or phone (703) 263-1424. ■

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## Salute Civil Engineering at the 2010 OPAL Gala

The most glamorous night on the civil engineering calendar is coming March 25 to Washington, D.C.—ASCE’s OPAL Gala. Come to the nation’s capital this spring to honor outstanding civil engineers and amazing infrastructure projects. Be on hand for the announcement of the world’s Outstanding Civil Engineering Achievement for 2010 after learning what made each nominee worthy. Join in the ovations for several of civil engineering’s greatest practitioners as they receive Outstanding Projects And Leaders awards and other ASCE honors. Find out about the [OPAL winners](#) and [OCEA nominees](#). Get your tuxedo or evening gown ready for a night of great tributes to civil engineering—[register today](#). ■

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## Science Fair Judges Needed

The Virginia Section of the American Water Works Association needs judges for their annual science fair competition in Northern Virginia and at other locations throughout the Commonwealth. Please contact Sherry Williams for additional information at: Sherry Williams  
Newport News Waterworks  
757-234-6723  
[sherrywilliams@nngov.com](mailto:sherrywilliams@nngov.com)

Science fairs will be held on the following days and locations:

- 3/9/10—Shenandoah Valley Regional Science Fair—James Madison University
- 3/6/10—Northern Virginia (Arlington) Science & Engineering Fair—Wakefield High School
- 3/20/10—Fairfax County Science & Engineering Fair—Robinson High School
- 3/13/10—Tidewater Regional Science Fair—Old Dominion University
- 3/20/10—Western Virginia (Roanoke)—Roanoke College
- 3/27/10—Metro Richmond Science Fair—Godwin High School
- 4/3/10—Virginia State Science & Engineering—Old Dominion University (new location). This fair’s participants are the winners of the regional fairs. ■

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## “Bounty” Offered to Sections and Branches for Peer Review Referrals

Sections and Branches appreciate additional revenue sources to help carry out their programs and services. There is now another source of income available from ASCE National. The Committee on Peer Review for Public Agencies is introducing a \$250 incentive for referrals that result in a peer review.

### What is Peer Review?

The purpose of ASCE’s Peer Review for Public Agencies Program is to help public sector engineering and construction agencies improve the management and quality of their engineering services through a quick, confidential, and affordable process. Reviewers study an organization’s policies and objectives and conduct staff interviews to determine how well those policies and procedures are understood and practiced. Management areas covered include: organizational management, project management, emergency management, technical procedures, human resource management, finance, and public relations. The focus may cover planning, design, construction, operations, and maintenance—and can include an entire agency or just a portion. The team concludes the process with an oral report to the engineer/director requesting the review, and if requested follows up later with a written report.

The process was modeled after a similar one used by the American Council of Engineering Companies in the late 1980’s. Since 1987, almost 70 different local entities have benefitted from the ASCE Peer Review for Public Agencies program. Typical comments include “We were and still are very happy with the review that was performed.” and “Experience showed and was very valuable.” More information, including a brochure, is available on the ASCE Web site at [http://www.asce.org/professional/peereview/peer\\_review.cfm](http://www.asce.org/professional/peereview/peer_review.cfm).

ASCE Peer Review is a voluntary and confidential program for public infrastructure organizations and is conducted by experienced government engineer/managers who are trained in the process. Timing is typically controlled by the requesting agency. A review can be done quickly. The turnaround time can be within 90 days of the request. Cost is low for this kind of study since reviewers volunteer their

time, and therefore no cost is included for their salaries. The fee covers reviewer travel costs and administration. It typically ranges from \$6,000 to \$20,000 but depends on the size of the agency being reviewed and whether the agency requests a more customized review to address specific challenges or opportunities that they are facing.

### Benefits of a Peer Review

A peer review provides an objective outside assessment of strengths and weaknesses by fellow government engineers experienced in leadership and management. They have no stake in future work; their intent is to provide a useful service to colleagues. Agency management can gain insights into procedural difficulties, communication obstacles, organizational problems, and employee morale but also positive reinforcement from staff feedback. This helps them prioritize and implement suggestions for improvement of effectiveness in a manner that utilizes both staff and management input.

### Incentive process

Sections and Branches should email Becky Waldrup, ASCE’s staff contact for the Committee on Peer Review for Public Agencies, at [rwaldrup@asce.org](mailto:rwaldrup@asce.org) to recommend an agency. Provide the following information:

1. ASCE Section or Branch name and contact, and
2. Government agency name and contact information.

Becky will acknowledge your submission, enter the contact information into ASCE’s Peer Review tracking system, and follow-up with the agency to determine their interest. Upon completion of a review and payment of the review fee, the ‘nominating’ Section or Branch will receive payment of \$250. There is no limit on the number of referrals that a Sections and Branches may make or the number of referral fees that they may earn.

Agencies who have used this service have found that the process is very valuable. The Committee on Peer Review for Public Agencies hopes that this incentive offer will increase the exposure of this service. Please consider participating in the referral program for the benefit of your local public agencies as well as for the financial assistance that it will provide to your Section or Branch. ■

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## Volunteers Needed

**Feb 27 2-5 pm. Girl Scout STEM (Science-Technology-Engineering-Math) Career Day at National Museum of Natural History.** 5 female civil engineers needed to be interviewed by Cadette Girl Scouts for STEM Career Guide.

ASCE NCS POC: Pamela Bingham, 301-661-2061, [pamelabingham@gmail.com](mailto:pamelabingham@gmail.com)

Malinda C. Smith, Program Specialist, Girl Scout Council of the Nation's Capital  
4301 Connecticut Avenue, NW, Washington, DC 20008, 202-237-1670 ext.210, [msmith@gscnc.org](mailto:msmith@gscnc.org)

**March 13. Girl Scout Day at Air and Space Museum, Chantilly VA.** Volunteers needed to man the exhibit

booth. Will have a volunteer conference call in February. I must RSVP by Jan 29th if we plan to exhibit. See attached and below.

ASCE NCS POC: Pamela Bingham, 301-661-2061, [pamelabingham@gmail.com](mailto:pamelabingham@gmail.com)

**April 18. Girl Scout Eco-Expo. Ft. Washington, MD.** See article below.

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## Girl Scout Day at the National Air and Space Museum

The Girl Scout Council of the Nation's Capital would like to invite your organization to exhibit at our 2010 Girl Scout Day at the National Air and Space Museum! The event will take place on Saturday, March 13th, 2010 at the NASM Udvar-Hazy Center in Chantilly, VA. Please feel free to forward this invitation to anyone in your workplace or network who may be interested in exhibiting.

In an effort to use resources wisely, we are again collecting exhibitor information electronically this year instead of using the paper forms you may have filled out in the past.

Click here to let us know if you are interested in exhibiting!

Please respond by Friday, January 29th, 2010. This survey will close after that date.

### Exhibit Guidelines

It is requested that all exhibitors comply with the following:

- Exhibits should tie into the themes of air, space, science and/or technology.

All exhibits should include hands-on, interactive activities to engage Girl Scouts and their families. For your reference, I have attached the booklet from last year describing the different special exhibits.

- Over 3,000 Girl Scouts and their families are expected to attend, and the museum is open for regular visitors. Please ensure that you have enough materials for this sized audience.
- No sales, collection of donations, raffles or the promotion of commercial products are allowed during exhibit time at the Museum. Displays may include order forms and information on how to obtain educational materials/activities from your organization.
- All exhibits must be free standing; no water, liquids or attachments to walls, please. Demonstrations and activities should not involve paper airplanes or other projectiles in order to protect the historic objects on display.

- There will not be paper towels, brooms or dustpans supplied for cleaning up. Presenters will be responsible for cleaning up their areas after the program.

Exhibit set up time begins at 8:30AM. All exhibits need to be up before 9:30AM and can be taken down after 3:00PM.

All bags and boxes will be searched upon entry to the museum. Please make sure that you provide easy access to your packages. Do not bring any sharp items into the Museum such as knives (including pocket or "Swiss Army"), screwdrivers, scissors or nail files.

If you have any questions about the event, please let me know. ■

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## Opportunity to Be on the Executive Board of the ASCE National Capital Section

### Attention writers (or at least members with computers and interest):

The term for the ASCE Newsletter Editor is two years and, thus, unfortunately, the time is coming for me to relinquish my role. My final issue as Newsletter Editor will be the May 2010 issue. The new Editor will begin with the September 2010 issue.

The responsibilities of the Newsletter Editor include collecting articles and columns on a monthly basis during the ASCE calendar year, coordinating with

the National Capital Section President in preparing the President's Corner, and furnishing new ideas for articles and creative ways of publishing events and relevant industry trends impacting civil engineering. As part of the executive board, you will also attend board meetings, assist in choosing relevant speakers, and attend member events as a representative of the board.

The reason I am soliciting a protégé this far out is for ease of transition and knowledge management. It would be

in the best interests of both the preceding and succeeding Editors to have a little overlap. To this end, I would like to bring a new Editor on board sometime this spring to begin the turnover to facilitate a smooth transition. If you are interested, or know anyone who would be interested, please contact me. Thank you, Rollie. ([Rollie.Berry@nrc.gov](mailto:Rollie.Berry@nrc.gov) or 301-415-6119) ■

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## Award Nominations

### 2010 ASCE-NCS Sustainability Award Nomination

#### Deadline for Submissions: Monday, March 8, 2010

The fifth annual presentation of the ASCE-NCS Sustainability Award will recognize 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. Past recipients of this award include the USEPA for the People, Prosperity, and the Planet (P3) event in 2009, the MWCOG's Greening the Metropolitan Washington Region's Built Environment in 2008 ([http://www.mwcog.org/store/item.asp?PUBLICATION\\_ID=304](http://www.mwcog.org/store/item.asp?PUBLICATION_ID=304)), and the Anacostia Waterfront Corporation's Environmental Standards for development in 2007 (<http://www.dcappleseed.org/projects/publications/EnvironmentalStandards1.pdf>).

#### Award/Recognition Criteria

1. The initiative (The Nomination) *advances or promotes sustainable development* as defined by the American Society of Civil Engineer'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 Nomination *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 Nomination is located within the jurisdictions of Montgomery County, Prince George's County, Loudoun County, Fairfax County, City of Alexandria, Arlington County, or District of Columbia, within the geographical limits of ASCE's National Capital Section (NCS).

#### Succinct Description of Initiative (limit to 100 words)

Your description should address the following:

- Public or private entity responsible for the program (include point of contact information, if available)
- How does The Nomination meet the general criteria as outlined above?

#### Nominating Individual

Name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

For more information or to submit a nomination contact John Casana, P.E., Chair, ASCE NCS Sustainability Committee, at [casana\\_john@bah.com](mailto:casana_john@bah.com).

### 2010 ASCE-NCS Automation Award Nomination

#### Deadline for Submissions: Monday, February 1, 2010 (6:00 pm)

This first annual Automation Award recognizes private-industry initiatives/projects or public projects/legislation/programs in the Washington, DC metropolitan area that advance or promote efficiency, consistency, standardization, and/or excellence through the use of automation during the planning/design, construction, and/or operations/maintenance of infrastructure or the built-environment. This award program is a joint effort between ASCE-NCS (<http://asce-ncs.org>) and George Mason University (<http://www.gmu.edu/org/asce/>).

#### Award/Recognition Criteria

1. The initiative, project, or proposed/enacted legislation/program (The Nomination) *advances or promotes efficiency, standardization, and/or team collaboration through the use of automation* during one or more lifecycle phases of the built environment:
  - Planning/Design
  - Construction
  - Operations/Maintenance
2. The Nomination *adopts a long-term view* consistent with the length of time the built-environment serves those investing in it, and places heavy emphasis on the impact of the choice of technology made in delivering long-term value in terms of efficiency, standardization, and/or team collaboration.
3. The Nomination is located within the jurisdictions of Montgomery County, Prince George's County, Loudoun County, Fairfax County, City of Alexandria, Arlington County, or District of Columbia, within the geographical limits of ASCE's National Capital Section (NCS).

#### Deadline for Submissions: Monday, 1 February 2010 (6:00 pm)

#### Award/Recognition Announcement: March/April 2010 (GMU ASCE Special Event)

For more information, the actual form, or to submit a nomination contact Ranjit Sahai, P.E., Chair, ASCE-NCS Automation Committee, at [rsahai@ram-corp.com](mailto:rsahai@ram-corp.com).

## Employment Clearinghouse

**CAD Draftsman / Designer**—with 24 years experience in Structural drafting and 5 years experience in Architectural drafting, seeks full time job in Montgomery Co., DC Metro area, or Frederick Co. Experienced in AutoCad, Revit, and Microstation. Available immediately. Email Fred Edelstein at [Fredelstein@comcast.net](mailto:Fredelstein@comcast.net) or write: 9920 Killarney Ln., Gaithersburg, MD 20877. Phone (301)330-1570 (please leave msg.).

**Office Manager**—Bohler Engineering is looking to fill an Office Manager position, if interested please contact Ginger Greunke ([ggreunke@bohlereng.com](mailto:ggreunke@bohlereng.com)).

**Structural Engineers**—HDR is currently in need of a Structural Engineer to work as a member of our Alexandria, VA office. This individual will be expected to lead structural design efforts for vertical projects. This will involve traditional structural design work, cutting building sections, and helping to oversee the work of junior engineers and CADD technicians. This person will also be expected to prepare calculations, specifications, and notes for design, and then file and organize them in a coherent fashion. If interested please contact Matthew A. Memberg, P.E. (Phone: 703.518.8500 Main |

703.518.8624 Direct Email: [matthew.memberg@hdrinc.com](mailto:matthew.memberg@hdrinc.com)).

*The ASCE-NCS provides the Employment Clearinghouse as a free service to its membership. The Clearinghouse allows members to post short (100 word maximum) notices for available positions or candidates seeking employment. If you have questions or would like to post a position, please email [Rollie.Berry@nrc.gov](mailto:Rollie.Berry@nrc.gov).*

*By submitting a "Position Available" notice, all employers are certifying that they are equal opportunity employers.*

## Calendar of Events

### Tuesday February 16

**ASCE-NCS February Section Meeting. 6pm—8:30pm.** Hyatt Regency, Crystal City, VA. Infrastructure Security Panel Discussion: Ernesto Acosta, TSA—Homeland Security (Transportation); Kevin Morley, AWWA (Water); James Wiggins, Nuclear Regulatory Commission (Energy). \$30 (non-students); \$5 (students). Contact Chris at [manalo\\_christian@bah.com](mailto:manalo_christian@bah.com)

### Saturday, February 20

**ASCE 2010 Discover Engineering Family Day at National Building Museum. 10am—4:30 pm.** The YMF is looking for volunteers for ASCE's 2010 Discover Engineering Family Day exhibit. The event is Saturday, February 20th from 10am

to 4:30pm at the National Building Museum in Washington, DC. Volunteers are needed for the morning shift and afternoon shift. Please contact Emily Dean at [dean.emily-anne@gmail.com](mailto:dean.emily-anne@gmail.com) if you have any further questions.

### Monday, March 8

**Award Nomination: 2010 ASCE-NCS Sustainability Award. Deadline: Monday March 8.**

Check <http://asce-ncs.org> for information or contact John at [casana\\_john@bah.com](mailto:casana_john@bah.com)

### Tuesday, March 23

**ASCE-NCS March Section Meeting. 6pm—8:30pm.**

Renaissance Washington DC Hotel. Sustainability Award and Lecture. Keynote Speaker: Secretary Wayne Clough. Contact John at [casana\\_john@bah.com](mailto:casana_john@bah.com)

## 2009–2010 Board of Directors

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## CD Course for PE Exam

YMF has obtained PE Review DVD. Contact Jordan at [wjpitt@lpagroup.com](mailto:wjpitt@lpagroup.com). ■