

## ASCE-NCS's Annual Banquet Will Be Held April 20

**Blaine D. Leonard, P.E., D. GE, F.ASCE, ASCE's National President will be the Keynote Speaker at the Banquet**

Join us at the Hyatt Regency Crystal City, for one of the National Capital Section's highlights of this year. The Annual Awards Banquet will take place Tuesday, April 20, 2010 beginning with registration and a social hour at 6:00 pm.

This event gives us the opportunity to recognize and celebrate local excellence in projects, engineers and students who have contributed to our society and our community. Recognized parties will include our meritorious service award winners, outstanding civil engineering project, student scholarship award winners, and members of the NCS who have achieved Life Member status.

We are honored to have Blaine D. Leonard, P.E., D. GE, F.ASCE, President of the American Society of Civil Engineers (ASCE) as our keynote speaker. Mr. Leonard is the Research Program Manager with the Utah Department of Transportation in Salt Lake City, where he is responsible for balancing research needs and resources within the Department, and for managing a wide variety of research projects. Prior to joining the Department, Blaine spent 20 years as a consulting civil engineer in Utah. He holds Bachelors and Masters degrees from the University of Utah. He has served ASCE in numerous capacities at the national and local level, and is currently the Chair of the Task Committee to Achieve the Vision for Civil Engineering in 2025.

The topic of Mr. Leonard's keynote will be his mission as president of the society. Our future poses some daunting and complex challenges, as a society, and as engineers. What will our role be, and how will we prepare for the future? Civil engineering leaders, assembled by



ASCE, have begun to answer that question, and have posed a vision for the civil engineer of 2025. As we map out a strategy for the change necessary for our success, we envision transformation in areas of education and re-education, research and innovation, public policy and responsibility, and leadership. Having this shared

understanding of how we will get to the future will allow us to unite in achieving the vision of who we will be and in determining our own destiny.

The location for the event is the Hyatt Regency Crystal City, located at 2799 Jefferson Davis Highway, Arlington, Virginia, USA 22202 (ph: 703-418-1234). No free parking is available at the hotel for the meeting, but parking is offered at the hotel and free parking may be

available on the street. Parking is also available at the Crystal City shopping mall and is only a short walk from the hotel. Take the Blue or Yellow line to the Crystal City Station. Take the escalators from the station up to the street. Once you are at the top of the escalators, turn to the left toward the brown Metro sign. The Hyatt shuttles stop at the corner (look for the White\Red Shuttle sign) every 1/2 hour. For pick-up at the Metro, you may call the hotel directly at 703-418-1234. The cost of the award banquet will be \$40 for members and \$20 for students, which includes dinner with a choice of entrees: salmon, vegetarian, chicken, or beef.

A social hour begins at 6:00 pm with the dinner at 7:00 pm, and the program from approximately 7:45 to 9:00 pm. Please register through Cvent by close of business on Thursday, April 15, 2010. ■

### President's Corner

April will turn out to be a very busy month for us. On April 7th, our automation committee is co-sponsoring with the George Mason University ASCE student chapter the excellence in automation awards at George Mason. Stephen Hagan of GSA and Mitch Schefcik of Optira, Inc, will be the keynote speakers. Also on April 7th, YMF will hold the monthly happy hour in Washington DC. On the 9th and 10th, the Catholic University Student Chapter will be hosting the ASCE Virginia Conference, which includes the concrete canoe and steel bridge competitions. On the 17th, we are again at the National Building

Museum for Girl Scout Day. On the 20th, we have our annual Banquet which is an opportunity to recognize and celebrate local excellence in projects, engineers and students who have contributed to our society and our community. There will be several awards given, which were outlined in the banquet article. To further elaborate on achieving life member status, life members are members who have reached their 65th birthday, have paid dues in any membership grade that when added to their age equals or exceeds 95, and have paid dues for at least 20 years.

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## Recapping an Evening of Sustainability

The highlight of March for civil engineers was ASCE-NCS's annual Sustainability meeting. This was a night that celebrated the principles of sustainability in the National Capital region.

There were seven nominees for 5th Annual Sustainability Awards:

- Bike to Work Day—Commuter Connection
- Earth Force Club—Langston Hughes Middle School, Reston VA
- Fairfax County Department of Transportation
- National Education Association, DC
- Pinnacle Academy, Oakton, VA
- Reston Environmental Action (REACT)
- Wolf Trap Foundation for the Performing Arts

Our thanks go out to all the nominees for their great projects and our congratulations go out to the Wolf Trap Foundation as the winner of the 5th Annual Sustainability Award.

The keynote address for the evening was delivered by the Smithsonian Institution's Secretary Dr. Wayne Clough, who is also a distinguished civil engineer and former president of Georgia Tech. His speech was titled, "The Long View of Sustainability."



Clough delivered a fascinating presentation that challenged the way engineers, and the general public, view sustainability. He opened by stating that large institutions have the ability to take a long-term view on their mission and what it means to be sustainable. The Secretary of the Smithsonian Institution and former President of Georgia Tech used the two institutions he has led as examples to demonstrate his point.

He cited Georgia Tech as an exemplar of an institution that practices sustainability. Examples of Georgia Tech buildings were provided that showed it to be on the cutting edge of sustainability in building construction and renovation. Green buildings, water conservation, and solar panels were some of the things that were expected; however, what was more unexpected was when Clough described how Georgia Tech's development of parks and buildings in depressed neighborhoods helped sustain and revitalize the City of Atlanta and its population. Most importantly, he showed how integrating the concepts of sustainability into all curricula at Georgia Tech accomplished something even more powerful: developing the next generation of people that will take sustainable concepts into the world. Clough felt this holistic view

1,000 years. He impressed the audience most when he shared the Smithsonian's mission of education and telling the story of humanity with its research, collections, and exhibits. This was the long view of sustainability he had in mind for civil engineers to focus on: not only its buildings and infrastructure, but its society and culture. He left the attendees impressed with his breadth of education and vision for the Smithsonian and other great institutions. ■

## The ASCE 2010 Legislative Fly-In

The ASCE 2010 Legislative Fly-In was held on March 23rd through March 25th in Washington, DC. Over 180 ASCE members from 48 states gathered at the Washington Renaissance in Downtown Washington, DC for initial legislative training prior to making more than 600 visits with members of Congress and Congressional staff to share the ASCE message of "Infrastructure Investment = Jobs: Raise the Grades."

Several critical bills currently before Congress were discussed by the ASCE members including:

- S. 1451 and H.R. 915, the Senate and House legislation for FAA Reauthorization. Both bills have passed, and a House/Senate Conference is pending.
- Surface Transportation Reauthorization—Action is stalled in both the House and the Senate.
- Dam Rehabilitation and Repair Act (H.R. 1770, S. 732)—Both bills await committee consideration.
- Water Infrastructure Financing Act (S. 1005)—Awaits Senate action.

The ASCE Legislative Fly-In is organized by the ASCE Government Relations Staff. The Fly-In is a great learning experience for ASCE members and Congress. All ASCE members may participate in the Fly-In, which is held annually in March. National Capital Section members are especially encouraged to attend because of our proximity to Capitol Hill. This year, NCS members included Geoff Baskir, Pamela Bingham, Fernando Pons, Stephen Powers, Dr. Kim Roddis, and Tom Lanyon. For more information about the Legislative Fly-In, please contact ASCE Government Relations at [govwash@asce.org](mailto:govwash@asce.org). ■



would foster the largest impact of any of these accomplishments on our society.

Then he moved on to his current role as Secretary of the Smithsonian Institution, many facets of the Georgia Tech job remained, like maintaining multiple campuses. The Smithsonian Institution is quite an amazing institution: 769 facilities, over 12 million square feet of buildings, 19,000 acres of land, 6,000 staff, 19 museums, and 20 libraries. After describing many of the impressive initiatives underway at the Smithsonian, both with its buildings and programs, Clough said the ultimate measure of sustainability would be whether the Smithsonian Institution would be a relevant organization in

### Newsletter

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**May 2010 Issue Deadline:**  
**April 15, 2010**

**To Submit Articles:**  
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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.

## Simplified Designs of Concrete Buildings of Moderate Size and Height

April 8, 2010—ACI/PCA One-Day Seminar

Increase your design efficiency and reduce the time it takes to design small to moderate size buildings by applying the design procedures that you will learn at this seminar in accordance with ACI 318-08, IBC 2009, and ASCE 7-05.

This event will take place at the Courtyard Marriot Dunn Loring, 2722 Gallows Road, Vienna, VA, 22180

Register today at [www.concreteseminars.com](http://www.concreteseminars.com) or call Member Services at 248-848-3815 from 8:00 a.m. to 5:00 p.m. ET ■

## Podcasts from ASCE National

Listen To The New Podcast Series—[An Eye on Infrastructure](#), an ASCE Committee on Critical Infrastructure (CCI) sponsored podcast series featuring industry experts discussing current issues relating to critical infrastructure.

The inaugural episode examines the engineer's role in emergency management featuring Dennis Schrader, P.E., Former FEMA, Deputy Administrator for National Preparedness, and current President at DRS International, LLC and Daniel Martin, CEM, CFM, Integrated Solutions Consulting.

Episode 2 Catastrophic Failures: Emerging Threats to Critical Infrastructure features an expert panel

discussion given at the FEMA Higher Education Conference in Emmitsburg, MD. The podcast is broken into four episodes examining critical infrastructure as an emerging issue in emergency and disaster management education.

The newest episode discusses ASCE's Guiding Principles for the Nation's Critical Infrastructure featuring Joe Manous, Jr., P.E., Ph.D., D.WRE, F. ASCE Future Directions Team Leader for the Institute for Water Resources, US Army Corps of Engineers.

All Podcasts can be found through <http://ciasce.asce.org/podcast>. ■

## Sustainability on the National Mall

The NCS Sustainability Committee sponsors a joint ASCE/EWB booth at EPA's P3 Awards/National Sustainable Design EXPO, each year. The P3 (People, Prosperity, and the Planet) EXPO, an international student design competition on sustainability, takes place on the National Mall, each Earth Day weekend. This year the P3 EXPO is on April 24 and 25, 2010. The NCS Sustainability Committee supports this event to encourage local student chapters working on sustainability projects, to educate the public about civil engineer's stewardship for infrastructure, and to provide information

about the Society's and Section' activities in the area of sustainable development. This is the 5th consecutive year the NCS Sustainability Committee has participated the P3 EXPO. The highlight of our participation, is the annual award given by ASCE national, ASCE NCS, and EWB for the university project that best promotes sustainability in developing countries. More event information is available at <http://epa.gov/ncer/p3/>. ■

## Girl Scout Day at Air Space Museum

Special thanks to Alicia Diaz de Leon and Michael Drerup for volunteering for Girl Scout Day at the Air and Space Museum on Saturday March 13. Alicia and Mike showed the girl scouts how a suspended bridge works by preparing a model of a suspended bridge. ■

### NCS Sustainability Committee Members

Pamela Bingham  
John Casana (Chair)  
Robert Field  
Al Grant  
Melissa Green  
Fernando Pons  
Dick Wright

## Dayton Water Conference

May 10-12 2010,  
University of Dayton

The purpose of the **Dayton Water Conference** is to improve awareness and collaboration between large companies, engineering firms, universities, utilities, start-ups, NGOs and governments by educating attendees on new water technologies, innovations and prospects. Whether the developments are in materials, IT, engineering, financing, or public policy; the conference will shine a spotlight on all advancements and provide best practices across the spectrum of the water field, with a particular emphasis on activities in the Dayton area.

For information on attending or exhibiting at the Dayton Water Conference, please contact Vincent Caprio by email at [vince@daytonwaterconference.org](mailto:vince@daytonwaterconference.org).

For registration please visit <http://www.daytonwaterconference.org/register.php>. ■

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Engineered Problem Solving



## Employment Clearinghouse

### Positions Available

**Full-time Teaching Position:** The Department of Civil, Environmental, and Infrastructure Engineering at George Mason University. The position will begin on August 25, 2010. Candidates should be prepared to teach broadly in the curriculum, across one or more of the following areas: structural, geotechnical, construction, environmental, water resources, and transportation engineering. A Ph.D. is required and professional experience preferred. Applications should be submitted on-line at <http://jobs.gmu.edu>. Please enter Position Number F9323Z.

**Part-time International Program Position:** The Department of Civil, Environmental, and Infrastructure Engineering at George Mason University invites letters of interest for a tentative part-time position to run its international program. There are two primary responsibilities would be Engineers Without Borders (EWB) and identifying civil engineering BS programs abroad. Interested candidates should send a CV plus a letter of interest explaining their suitability

for this position to Deborah Goodings ([goodings@gmu.edu](mailto:goodings@gmu.edu)). Three references should be provided, but will not be contacted before the candidate is contacted.

**Civil (Geotechnical) Engineers Openings:** US Department of State, Overseas Buildings Operations Bureau has openings for qualified Civil Engineers with an emphasis on Geotechnical Engineering and with experience in building design and construction. Openings are for Personal Services Contracts with salary equivalent to grades GS 0810-13/14 (\$89,033 to \$136,771), depending on a candidate's salary history and experience. Overseas travel is required. Candidates must be a US Citizen and must obtain a Security Clearance. For further information, see <http://job-search.monster.com> and refer to OBO Announcement No. 2009-056M.

### Positions Wanted

**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).

**Civil Engineer:** a PhD student in The Catholic University of America "Construction Engineering and Management program." Seek private or municipal position in northern Virginia area. Phone (703) 462-3663, [aaljabhan@gmail.com](mailto:aaljabhan@gmail.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, April 20th

**ASCE-NCS Annual Awards Banquet.** 6pm to 8:30pm at Hyatt Regency, Crystal City, VA. \$40 (non-students); \$20 (full-time students). Contact Mark at [Mark.Leeman@feapc.com](mailto:Mark.Leeman@feapc.com).

### Wednesday, April 7th

**ASCE-NCS Automation Committee.** 6 to 8pm. NCS-GMU Excellence in Automation Awards. George Mason University. Contact Ranjit at [rsahai@ram-corp.com](mailto:rsahai@ram-corp.com).

### Wednesday, April 7th

**ASCE-NCS YMF Happy Hour.** 6pm at Capitol City Brewing Company, Near Metro Center, Washington DC. Contact Marcus at [mcherundolo@gmail.com](mailto:mcherundolo@gmail.com)

### Friday and Saturday, April 9th and 10th

**2010 ASCE Virginia Conference.** April 9: Lake Fairfax, Reston, VA (Concrete Canoe and Steel Bridge). April 10: Catholic University of America, Washington, DC (Paper

Presentations and Awards Ceremony). Contact: Dr. Gunnar Lucko: [lucko@cua.edu](mailto:lucko@cua.edu); Stephen Miller: [22miller@cardinalmail.cua.edu](mailto:22miller@cardinalmail.cua.edu); Christopher Hudson: [86hudson@cardinalmail.cua.edu](mailto:86hudson@cardinalmail.cua.edu).

### Saturday, April 10th

**PE Review Course by YMF.** George Mason University, Fairfax, VA. Contact Thomas at [tlanyon@cphengineers.com](mailto:tlanyon@cphengineers.com).

### Saturday, April 17th

**Girl Scout Day at National Building Museum, Washington, DC.** 10am to 4:00 pm. Contact Emily at [dean.emilyanne@gmail.com](mailto:dean.emilyanne@gmail.com).

### Wednesday, April 21st

**ASCE-NCS YMF CanStruction.** 6:30pm at Continental in Rosslyn, VA.

1911 N. Fort Myer Drive, Arlington, VA 22209. Contact Colin at [asceymfcanstruction@hotmail.com](mailto:asceymfcanstruction@hotmail.com).

### Saturday and Sunday, April 24th and 25th

**EPA's P3 Awards/National Sustainable Design EXPO.** Come out to the National Mall and volunteer by helping kids build water filters or just enjoy the event. Contacts Katerina Lachinova [klachinova@asce.org](mailto:klachinova@asce.org) and Leslie Payne [lpayne@asce.org](mailto:lpayne@asce.org).

### Saturday, May 15th

**ASCE-NCS: Boundary Stones Restoration Project.** Volunteers needed to begin restoration work on the fences installed to protect the boundary stones. First fence (East Cornerstone located at the intersection of Eastern Ave and Southern Ave in Southeast DC and Seat Pleasant MD). Contact Stephen [stephen@designpowers.com](mailto:stephen@designpowers.com) or Elena at [erubalca@gmail.com](mailto:erubalca@gmail.com).