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# Civil Engineering

*a better world by design*

## ASCE

e-Newsletter

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July 7, 2006

The ASCE E-Newsletter is your gateway to the latest information about the American Society of Civil Engineers and the world of civil engineering.

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## Make Your Vote Count



The election season is in full swing, and with the click of a button or the flick of a pen, voting members have the opportunity to shape the direction of the Society. In the past, members have not taken advantage of the opportunity to make a difference. Exercise your right to vote. As the Society continues to put its new governance structure in place, your vote will ensure the most qualified individuals serve on the Board of Direction.

Your vote shows potential candidates you care about the direction the Society is headed, and will inspire them to make a difference by getting involved. And when you vote online, you have the opportunity to provide feedback on the process and input for improvement.

The deadline to cast your ballot is Monday, Aug. 14 at 5:00 p.m., EDT.

## More News...

► [In May, AAWRE hosted a special reception recognizing the 79 new Diplomate, Water Resources Engineers \(D.WRE\).](#)

## ASCE's Year in Review



For ASCE, 2005 was a year of great achievement and unprecedented challenge in the face of disaster. The 2005 ASCE Annual Report, now available online, provides a synopsis of accomplishments in support of the Society's four overarching strategic goals—developing leadership, advancing technology, advocating lifelong learning and promoting the profession— and includes the final audited 2005 financial statement.

» [Read about ASCE's 2005 achievements](#)



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[Construction Engineer](#)  
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#### Upcoming Events

##### July

- [23-26 13th International Conference on Cold Regions Engineering](#)
- [28-28 4th Int'l Engineering and Construction Conference](#)
- [30-08/02 Pipelines 2006](#)

[more events >>](#)

ALL VOTES ARE CONFIDENTIAL

- » [To vote, click here](#)
- » Election Web site support e-mail [ASCE@directvote.net](mailto:ASCE@directvote.net)

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## Disaster Management Training Survey

ASCE's Committee on Critical Infrastructure (CCI) is seeking input as it develops future training programs on disaster management topics, including preparedness, response and recovery activities. Each time a natural disaster or a man-made event occurs, ASCE members seek volunteer opportunities to assist in response and recovery initiatives. CCI's goal is to offer training programs designed to prepare ASCE members for these roles. Participants can complete the survey online, and their answers will help provide the feedback needed to develop valuable training programs. The survey will be open until July 31.

- » [Complete the survey](#)
- » [View additional information about ASCE disaster management activities](#)

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## Roebing Symposium and Tours Registration Open

Registration for the John A. Roebing Symposium and Tours is now open. The History and Heritage Committee and the New Jersey and Metropolitan sections of ASCE invite all those interested to help celebrate the 200th anniversary of the birth of one of the greatest civil engineers of all time – John A. Roebing. The symposium, held at New York Marriott Hotel at the Brooklyn Bridge (N.Y.), Oct. 27, will explore his many accomplishments and discuss his influence on the development of civil engineering. Then, on Saturday, Oct. 28, there will be a full-day bus tour of several Roebing-related projects, including the Delaware Aqueduct. Finally, the event will close on Sunday, Oct. 29, with a walking tour of the Brooklyn Bridge and other sites of interest.

- » [View additional information on the event](#)
- » If you have any questions, please contact Carol Reese at [creese@asce.org](mailto:creese@asce.org)

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## Help Set ASCE's 2007 Government Relations Agenda

In order to better shape positive legislative action for civil engineers, ASCE is busy defining our government relations goals for next year- but we still need to know what issues matter to you. All members are invited to participate in the seventh annual Issues Survey. PLEASE NOTE: Members will need their ASCE member ID# to complete the survey. If you do not know your ID# please call 800-548-ASCE (2723) for assistance. There is still time to voice your opinion about ASCE's 2007 issues priorities. The survey deadline has been extended to July

14.

» [Complete the online survey](#)

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## Early Bird Registration Extended for Pan American Convention of Engineers



The early bird registration deadline for the Union Panamericana de Asociaciones de Ingenieria (UPADI) Conference has been extended to July 15. Discover infrastructure needs, investment priorities and business opportunities in the Latin American and the Caribbean region during the Pan American Convention of Engineers, Sept. 19-22, which is being hosted by Georgia Institute of Technology in Atlanta.

The four-day conference will address "Building a Sustainable Infrastructure: Education, Technology Innovation, and Economic Development", and speakers will include Raquel Alfaro with the Fund for Fostering Scientific and Technological Research, and Alberto Alemán Zubieta, the CEO of the Panama Canal Authority.

» [View additional information or register](#)

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## O\*NET - Beyond Information and Intelligence

The O\*NET system is a unique, powerful source for continually updated information on skill requirements and occupational characteristics. O\*NET serves the demand-driven workforce investment system—helping businesses, job seekers, students, and workforce investment and human resource professionals make informed employment, training and business development decisions. Information on related occupational interests and work values can help you to select career goals and develop education and training plans.

The O\*NET system, using a common language and terminology to describe occupational requirements, supersedes the 70-year-old *Dictionary of Occupational Titles* with current information that can be accessed online or through a variety of public and private sector career and labor market information systems.

» [View additional information on O\\*NET](#)

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## Earn Free Gas for Recruiting New Members

First ASCE gave members the chance to win iPods for recruiting new members, then we helped load them up using iTunes gift cards. Now, ASCE wants to fuel their summer by giving away 10 \$50 gas cards. Remember, each person that you recruit, who joins ASCE, earns you another entry into the drawing. Help colleagues discover the professional benefits of ASCE membership and the contributions it can make to their success.

» Visit [www.ascedrive.org](http://www.ascedrive.org) and start recruiting today!

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### **This Week in Washington**

## **DHS Releases National Infrastructure Protection Plan**

The Department of Homeland Security released its National Infrastructure Protection Plan (NIPP), which is designed to integrate protection of the critical infrastructure and key resources of the United States.

» Read the full edition of [This Week in Washington online](#)

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### **Lifelong Learning**

## **LID for Water Resource Management**

Low Impact Development (LID) is an innovative site level stormwater management design approach that strives to maintain the hydrologic cycle or meet targeted watershed objectives. LID is being implemented by federal agencies, state and local governments for aquatic resource protection and regulatory compliance. It is also useful for urban redevelopment, is being used in combined sewer overflow control programs in large cities, and is being used in rural and smaller communities for Phase II NPDES permits. ASCE's LID for Water Resource Management seminar will give the practicing engineer a foundation for designing LID projects and incorporating LID into local stormwater management programs. The seminar will take place in Memphis, Tenn., July 27-28.

» [View additional information or register](#)

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### **Conference of the Week**

## **Visit the Rockies and Get Tips on Making Your School Perform Better**

The Rocky Mountain High Performance School conference is designed to give attendees proven strategies that can be used to construct schools that support high achievement and save money, while costing no more to build than traditional schools. Workshops are geared toward engineering design professionals and educators, and topics will include: integrated design, sustainable design guidelines, LEED rating system, sustainable site design, HVAC systems, daylighting, commissioning, modeling and performance goals. The conference will be held in Fort Collins, Colo., July 27-28.

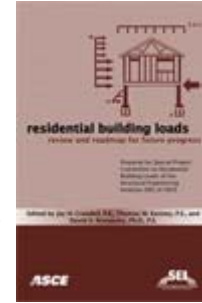
» [View additional information or register](#)

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### **Book of the Week**

## ***Residential Building Loads: Review and Roadmap for Future Progress***

In recent years the application of structural loads for residential building design has seen increased use. *Residential Building Loads* is intended to serve as both a technical resource and roadmap for coordination of future research and implementation efforts. As a technical resource, this report identifies and reviews existing knowledge in 14 topic areas related to design loads for residential building applications, and provides strategic recommendations to address technical and functional needs. This committee report will be beneficial to structural engineers, contractors, researchers and all others involved in residential building and design.



- » [View Table of Contents](#)
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### **Member Benefit of the Week**

## **DHL Offers Discount to ASCE Members**

ASCE members are eligible to receive discounts of up to 25 percent off standard rates on DHL's full suite of shipping services, including: next day, 2nd day and ground delivery services, international express service and ShipReady prepaid overnight shipping. Sign up for your free DHL account today and send your first United States overnight shipment for no cost.



- » To enroll call **1-800-MEMBERS** (1-800-636-2377, 8 a.m. – 7 p.m., Eastern) or visit <http://www.1800members.com/asce>.

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## **Institutes Info**



## **SEI and NIST Provide Progressive Collapse Workshops**

Over the past two years, the National Institute of Standards and Technology (NIST), working with industry experts, has prepared guidelines for design professionals to help prevent progressive collapse of buildings in the event of abnormal loading. The guidance document is the latest national effort to provide some collective direction for the structural engineering profession regarding mitigating progressive collapse.

To advance the guidance document to the next level of development,

the Structural Engineering Institute (SEI) and NIST are organizing a series of nationwide workshops on Progressive Collapse, which will take place in Denver (Sept. 7), New York (Sept. 14), San Francisco (Sept. 28) and Chicago (at the ASCE Annual Conference, Oct. 19).

» For additional information, contact Mary Ellen Saville,  
[mesaville@asce.org](mailto:mesaville@asce.org)

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If you are not an ASCE member, and would like to join, please go to <http://www.asce.org/membership/howtojoin.cfm> and enter promotion code O6ENEWS.

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