

Connecticut Society of Civil Engineers

www.csce.org

Section of the American Society of Civil Engineers

March 2011 Newsletter

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Dear CSCE Members,

Hope this message finds you well and Happy Spring!!!

As we get ready to start our spring cleaning after a very wintery season, CSCE starts to get ready to hand out some well deserved student awards and scholarships and recognize civil engineering excellence with the presentation of the ACE awards at our Dinner meeting at the Aqua Turf on May 10th. If you have not submitted your projects for the ACE application, please visit our website at www.csce.org and make sure you get it in by April 15th.

As our new governor and legislators start to present, explain and attempt to implement their ideas, the citizens of the State of Connecticut await an agreed upon budget for the next two years. Although, it comes at the cost of higher taxes and cuts to services, the governor's proposed budget does include a substantial amount of infrastructure renewal and investment meant to help create jobs. In "Fix-it-First" alone, the Governor has approximately \$39M and \$57M for roadway construction in fiscal year 2012 and 2013 respectively and another \$66M and \$64M for bridge rehabilitation and replacement in the same respective fiscal years. This is welcome news for many contractors and should be welcome news for us civil engineers. Again, we will be called upon to provide or expertise and this will undoubtedly open up the door for future initiatives for more work.

Governor Malloy has also been spending much time in our nation's capital to express his interest for additional federal funds for a rail corridor from New Haven to Hartford to Springfield, MA. Although many would argue if the demand for such a corridor warrants the cost, and regardless of many personal opinions of the need for mass transit investment, as civil engineers, this is a great opportunity for all of us to be a part of the transit oriented development movement. Speaking of our nation's capital, every spring, ASCE holds its Legislative Fly-In Program in Washington, D.C, an intensive two-day program that provides participants with an inside look at the political process. Beginning with briefings on the latest civil engineering issues pending in Congress, participants also visit with their Representatives and Senators on Capitol Hill to educate and lobby them on the issues. This year's meeting is happening on March 29th through the 31st, 2011. I will be representing CSCE to express our interests and policies and as always offer our input regarding the issues being currently debated from infrastructure and transportation authorization, dam safety authorization, reauthorization of federal aviation programs, which have been operating under extension since September 2007, the National Infrastructure Bank Act, the BUILD Act and lastly, the report Card of America's Infrastructure. CSCE is always here for its members, so should there be any particular issue you think is worth pursuing please contact us at through our website.

As our elected officials try to implement policies that will aid in economic recovery, this month's quote comes from the former president and CEO of the Chrysler Corporation, Lee Iacocca who said, "*We are continually faced by great opportunities brilliantly disguised as insoluble problems.*"

Sincerely,

Rabih "Rob" Barakat, PE, MBA, M. ASCE
President

2011 Monthly Dinner meetings

April 13, 2011 – United States Coast Guard Academy Geotechnical Technical Group

May 10, 2011 – ACE Awards, AquaTurf, Southington, CT

Costs (for all but the ACE Awards):

CSCE Members: \$35.00

Non-members: \$45.00

Unemployed CSCE members: Free

Full-time Students: \$5.00

Fairfield County Branch meetings – as announced

New England Chapter American Public Works Association (APWA) Spring 2010 Meeting Thursday April 14, 2011

The New England Chapter – APWA is pleased to announce its Spring Meeting for 2011!

The event will follow last year's exciting new format.

It now includes:

- Concurrent Educational Sessions
- Vendor Exhibits
- Expanded Opportunities to meet your Contemporaries
- Twice the Number of Educational Sessions

KEYNOTE SPEAKER – Tracy Knofla – “Thriving in Chaos”

The event will be held at the Water's Edge Resort in Westbrook, CT with convenient access from the Connecticut Turnpike, I-95.

Sign-up a co-worker or key staff member to attend both tracks – compare notes later and benefit from both tracks!

For more information and to view the complete schedule and register, visit <http://newengland.apwa.net/> and look for the events calendar.

2011 CSCE ACE Awards



As the President of the Connecticut Society of Civil Engineers (CSCE), I invite you to participate in the Fourth Annual Achievement in Civil Engineering (ACE) Awards program. These Awards, which will be given out at our May 10th dinner event at the Aqua Turf in Plantsville, Connecticut, will commend projects on which significant engineering expertise or innovation were exhibited. The project categories include:

- Water Resources/Environmental
- Transportation
- Geotechnical
- Structural
- Construction

Please find information regarding the ACE Awards, how to apply, and sponsorship opportunities for the dinner event below. I look forward to your participation in this wonderful event where several outstanding projects...and the parties who made them possible...will be recognized.

Sincerely,
Rabih M. Barakat, P.E., MBA
President

Application deadline has been extended to Friday, April 15, 2011.

Click here to download the project application form or for information on sponsorship opportunities:

http://www.csce.org/awards_ace.htm

Benjamin Wright Award

The **Benjamin Wright Award** is CSCE's highest award, presented each year to a civil engineer practicing in Connecticut who has demonstrated outstanding practice his or her career, and made significant contributions to civil engineering. Please consider nominating a deserving colleague. **The nomination deadline is Friday, April 8, 2011.** There are no forms to fill out – it can be as simple as a letter or as complex as a resume, work experience, etc. The Executive Board will vote to determine the award winner and make the presentation at our annual ACE Awards dinner on May 10, 2011. Candidates will be considered for 10 years following their nomination. Send nominations to any Board Member, Randy States (rtstates@yahoo.com), or Jay Silva (silvajl@silvaengineering.com).

April 2011 Dinner Meeting

Date: Wednesday, April 13, 2011

Location: Officers' Club, United States Coast Guard Academy, New London, CT

Sponsor: CSCE Geotechnical Technical Group & USCGA ASCE Student Chapter

Speaker: Joseph C. Drumheller, P.G., President & CEO of Densification, Inc.

Topic: Dynamic Compaction and Ground Improvement

Mr. Drumheller and his equipment have been featured on the Discovery Channels' *Mega Machines* and *What a Tool*. Mr. Drumheller will discuss ground improvement methods with a focus on dynamic compaction. Several Connecticut dynamic compaction case histories will be presented.

Open House of Connecticut Chapters of Engineers Without Borders (EWB-USA) During the Social Hour (5:30 – 6:30 pm)

[EWB-USA](#) supports community-driven development programs worldwide by collaborating with local partners to design and implement sustainable engineering projects, while creating transformative experiences and responsible leaders. EWB was founded in 2002 and has grown to include more than 12,000 members in 250 professional and student chapters throughout the US, working on more than 350 projects worldwide. Connecticut's student chapters include [Yale University](#), the [University of Connecticut](#), the [University of Hartford](#), and the [University of New Haven](#). Professional chapters are based in [Hartford](#) and [New London](#). The Connecticut chapters are active on projects in Cameroon, India, Nicaragua and Ecuador. We invite you to stop by and meet some of the members and mentors, learn about their work, and find out about volunteer opportunities with one of the chapters.

Cost: \$35 CSCE/ASCE Members; \$45 Non-members; Unemployed CSCE Members: Free
\$5 Full-time students
Please pay at the door with cash or check payable to CSCE

Time: 5:30 – 6:30 pm: Social hour; 6:30 – 7:30 pm: Dinner; 7:30 pm Presentation

Dinner: Chicken Marsala with mashed potatoes, fresh sautéed vegetables, garlic bread, Caesar salad, and dessert.

Reservations: Please contact Amy Petrone by email at admin@csce.org or by telephone at (860) 301-8723 by Monday, April 11, 2011.

Directions:

From I-95 South: Exit 83 "Frontage Road/Shopping Malls". Take first exit off Frontage Road after the sign for USCGA ("Briggs St."). At the end of the exit turn left. Just past the 2nd traffic light is the USCGA main gate on the right.

From I-95 North: Exit 82A "Frontage Road/Shopping Malls". Take 1st right off Frontage Rd. after sign for USCGA ("Briggs St."). Turn left at light at end of exit. Just past 3rd traffic light, the Academy main gate will be in the right.

From I-395 South: Exit 78 "Rt.32 New London" (on left). Go approx. 2 miles – you will pass the USCGA on the left. Take first exit past the Academy marked "Rt. 95 S, New Haven". Turn right at the stop sign at end of exit. Turn right at next stop sign. Turn left at next traffic light. The Academy main gate is on the right.



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**Are you a recent college graduate, or about to be?
Do you know someone who is?
Stay with ASCE!!**

Did you know that ASCE offers pro-rated discounted membership dues for recent college graduates? For more information visit <http://www.asce.org/membership>.

Are you a “Younger Member”?

A Younger Member is considered to be 35 years of age or younger. The Younger Member Committee fosters the professional growth, ethical awareness, and technical competence of the Section's younger members. The Committee meets once a month, and organizes several activities throughout the year, including for fun and community service. Check future issues of this newsletter for upcoming events. If you are interested in joining the committee or want more information, contact Sara Ramsbottom at sara.ramsbottom@ct.gov or nl-editor@csce.org.

Fairfield Branch 20th Anniversary!

2011 marks the 20th anniversary of the Fairfield Branch of CSCE. Many thanks go to Branch President Ronald Hill for his service to CSCE, and to all the members of the branch. Congratulations!

Upcoming Events

April 9 – 10, 2011 – Region 1 Spring Assembly/Council Meeting – Albany, NY
See more information on page 12.

Spring 2011

DFI-CSCE Geotechnical Workshop – Reinforced Soil Wall & Slopes
Friday, May 6, 2011 at the University of New Haven. See full notice in this newsletter.

ACE Awards Dinner – Tuesday, May 10, 2011

Subsurface Sewage Disposal System seminar – May 26, 2011. More information and registration info will be available soon.

National Conferences

ASCE International Conference on Vulnerability & Risk Management (ICVRAM)/5th International Symposium on Uncertainty Modeling & Analysis (ISUMA 2011) – April 11 – 13, 2011
University of Maryland, Hyattsville, MD
Visit <http://content.asce.org/conferences/icvram2011/index.html> for more information.

2011 Structures Congress – April 14 – 16, 2011, Las Vegas, NV
Visit <http://content.asce.org/conferences/structures2011/index.html> for more information.

Offshore Technology Conference – May 2 – 5, 2011, Houston, TX
Visit <http://www.otcnet.org/2011/> for more information.

EWRI (Environmental & Water Resources Institute) 2011 Congress –
May 22-26, 2011, Palm Springs, CA
Visit <http://content.asce.org/conferences/ewri2011/index.html> for more information.

COPRI Solutions to Coastal Disasters 2011 – June 26 – 29, 2011, Anchorage, AK
Visit <http://content.asce.org/conferences/cd2011/index.html> for more information.

GeoRisk 2011 – Risk Assessment and Management in Geoen지니어ing –
June 26-28, 2011, Atlanta, GA
Visit <http://content.asce.org/conferences/GeoRisk2011/> for more information.

WaterSmart Innovations 2011 – October 5-7, 2011, Las Vegas, NV
Visit www.watersmartinnovations.com for more information

36th Annual Conference on Deep Foundations – October 18-21, 2011, Boston, MA
Visit <http://www.dfi.org/> for more information.

141st Annual ASCE Conference – October 20-22, 2011, Memphis, TN
Visit <http://content.asce.org/conferences/annual2011/index.html> for more information.

The complete listing of all ASCE conferences is at: <http://asce.org/conferences>

If you have or know of an event that you would like to include in the newsletter, please send an email to nl-editor@csce.org.

You can also visit our website www.csce.org for a calendar of events.

Subsurface Sewage Disposal System Seminar

CSCE has coordinated a “septic system” seminar for Thursday, May 26, 2011. The seminar will be held at the Metropolitan District’s Training Center in Hartford. Instruction will be provided by staff from the Department of Public Health’s Environmental Engineering Program.

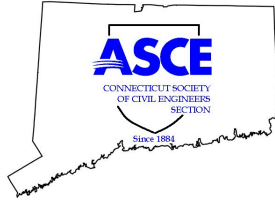
Registration information will be coming soon. This program will be co-sponsored by Connecticut Society of Professional Engineers and will provide New York professional development hours.

Younger Member Committee news

The Younger Member Committee hosted a food drive at the regular CSCE March dinner meeting. Although it was on short notice, several members of the University of New Haven Student Chapter helped out and we were able to collect 73 lbs of food. All proceeds benefited Foodshare, which provides food to local partner agencies throughout greater Hartford. This was the first food drive that has been held in recent memory, and we plan to have it grow into an annual event. We thank all those that helped out and donated food!

Several members of the YM Committee have also volunteered at the regional and state MathCounts competitions that were held over the past two months.





DFI – CSCE Workshop: Reinforced Soil Wall and Slopes

**May 6, 2011 - Bartels Alumni Lounge
University of New Haven, West Haven, CT**

This short course will focus on the design and construction of mechanically stabilized earth walls (MSEW) and reinforced soil slopes (RSS). A brief background of the history and applications of reinforced soil technologies will be presented including the advantages, economic considerations, and limitations compared to other conventional practices. Design, selection of reinforcing materials, specification and construction will be covered. Special issues that result in undesirable performance will be reviewed.

The course will be presented by Geotechnical Engineering Consultant Barry Christopher, Ph.D., P.E., M.ASCE.

Registration includes continental breakfast, AM break, lunch, PM break, and registration materials and handouts. Parking passes will be distributed after you register to enable free parking.

To register, please visit: <http://www.dfi.org/conferencedetail.asp?id=176>, or download a registration form from www.csce.org and click on “Events”.

Registration Fee:	Register by April 15, 2001: \$190.00 After April 15, 2011: \$220.00
Student Registration:	Discounted student registration is available on a limited basis. Students must provide a copy of their ID card. Fee: \$50.00
Acknowledgement:	If your registration is received in DFI Headquarters prior to Friday, April 29, 2011, you will be sent a confirmation.
Cancellation:	No refunds after April 18, 2011. If you are unable to attend, your registration may be transferred to another individual provided they are a DFI member. Cancellations prior to April 18 must be made in writing via fax or mail.
Payment:	Payment must accompany your registration. Register on-line or fax your registration with credit card information included, or mail with credit card information, check or money order.

All workshop attendees will receive a certificate of participation verifying professional development hours.

Low Impact Development Seminar

Thursday, May 12, 2011 – North Haven, CT

Program presenter: Steven Trinkaus, Principal at Trinkaus Engineering, LLC

Program highlights:

- Principals of Low Impact Development (LID)
- LID site planning tools and techniques
- Discuss hydrology considerations and outcomes
- Evaluate LID integrated managements practices (IMPs)
- Identify steps for erosion and sedimentation control
- Case studies – residential and commercial

Registration Fee: \$259 for one or \$239 each for three or more from the same company, registering at the same time
Pre-registration is recommended. Walk-ins will be accepted if space is available. No confirmations will be sent.

Cancellation: Cancel at least 48 hours before the start of the seminar (Central Daylight Time), and receive a full refund, minus \$10 service charge for each registrant. See link below for more details.

Location: Holiday Inn North Haven; 201 Washington Ave., North Haven CT
8 am registration; morning session 8:30 am – 12:15 pm
Lunch is on your own. Afternoon session 1:30 pm – 4:45 pm

Registration includes one copy of course materials. An audio recording of the seminar will also be available.

For more information and to register, visit <https://www.halfmoonseminars.com/>.

All workshop attendees will receive contact hours/professional development hours/continuing education credits, as applicable to your licensing.



ASCE Earthquake News

ASCE Monitoring Situation in Japan Members Seeking to Volunteer Can Submit Contact Info

ASCE extends our sympathies to all those coping in the aftermath of the massive 9.0 magnitude earthquake and tsunami, plus the resulting, ongoing nuclear plant crisis, strained infrastructure such as water and transportation, and the continuing risk of further aftershocks. We invite anyone affected to share their experiences with us on [Facebook](#) and on Twitter @ASCETweets.

The Society has created a [discussion forum](#) to allow affected members to post and receive information, requests and responses. We hope this online resource can provide assistance to you in communicating with your international colleagues and anyone who may be trying to reach you.

For all Society members who may wish to volunteer to help with relief efforts at the scene, ASCE has set up an online form to allow you to [submit contact information](#). Currently, the relief agencies we are working with are still assessing if, how and when they might be of help, so we will keep your information secure and not share it until the agencies decide they are ready to act. In the interim, consider making a financial donation to the [Red Cross disaster response fund](#).

Click on this link to read the full article: <http://www.asce.org/PPLContent.aspx?id=12884905415>

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### Two ASCE Members Share New Zealand Quake Experiences A Distinguished Member and SEI's President Vividly Describe the Temblor and Aftermath

ASCE joins in mourning the loss of life, and extends its sympathies to all who lost loved ones and property in the tragic, devastating 6.3 magnitude earthquake that struck Christchurch, New Zealand, on Tuesday, Feb. 22. Read the diaries of two ASCE members who were there -- a Distinguished Member coincidentally lecturing about seismic forensics, as well as the president of the Structural Engineering Institute. Click on this link to read the full article:

<http://www.asce.org/PPLContent.aspx?id=12884904856>

ASCE is planning on sending teams of engineers to assess the damage to critical infrastructure. We are also monitoring the American Red Cross, ASCE's official partner for disaster relief, to see what response it may take; for now, if you wish to make a donation, click for [New Zealand Red Cross's financial donation page](#).

# REGION 1 NEWS

## Spring 2011 Region 1 Assembly/Council Meeting

The New York and New England Councils will meet Saturday, April 9, 2011, from 8:00 AM to 12:00 PM. The Region 1 Assembly will meet Saturday, April 9, 2011 from 1:00 PM to 6:00 PM [as required] and Sunday, April 10, 2011 from 7:00 AM to 11:00 AM [as required.] Both meetings will be held at the Albany Marriott, 189 Wolf Road, Albany, NY 12205. Room reservation details to follow. As this is our Spring "business meeting," no technical tours will be offered.

## Region 1 Society Director Nomination Results

The term of the current Region 1 Society Director [Anthony M. Puntin, P.E., M.ASCE, of New Hampshire] expires in September, 2011. Thus, at the Region 1 Board of Governors meeting held on January 15, 2011, in Portland, ME, a Nominating Committee was convened. As per Article 7 of the Region 1 By-laws, this committee was charged with selecting an Official Nominee.

The Nominating Committee heard presentations from and interviewed the declared candidates; Len Cilli, A.M.ASCE, of New Jersey, and Mark P. Rusnica, M.ASCE, of New York.


Based upon these interviews, and as per Article 7 of the Region 1 Rules [neither candidate received seventy-five percent (75%) or more of the valid votes cast,] both Mr. Cillis' and Mr. Rusnicas' names will appear on the 2011 Official ASCE Ballot.

Should you have any questions pertaining to the candidates, or the process detailed above, please contact Billy Cunningham, Region 1 Governor, at 203-723-5830 x-22.

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**Keith Kesner, Ph.D., P.E.**  
*Associate*  
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## **Sustainability Rating System Under Development**

### **ASCE, Partners Launch Institute to Administer Program**

<http://www.asce.org/Sustainability/ISI-Rating-System/>

Infrastructure designers and developers who apply sustainable techniques and materials will soon be able to submit their projects for official verification as "sustainable," under **a new rating system** being developed in part by ASCE. As a key part of its mission to advance sustainable practices, the Society has joined with the American Council of Engineering Companies and the American Public Works Association to launch the system, and to create a new, independent non-profit organization to administer it, the **Institute for Sustainable Infrastructure**. Although it will be similar to other "green" ratings systems, no other U.S. programs currently fulfill the need for a system focused on civil infrastructure. In this vein, ASCE is establishing the **Sustainability in Civil Engineering Award**, honoring a project demonstrating innovations in sustainability that can inspire future sustainable practices and enhance public understanding. For this first award, projects developed or implemented between 2005 and 2011 that have not been candidates for the Outstanding Civil Engineering Achievement Award are eligible. **Submit nominations** to ASCE's Honors and Awards Program office by June 1.

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## **ASCE News is now digital only**

The digital edition will be made available for viewing and downloading by ASCE members each midmonth, at about the same time the print editions arrived in the mail. For more information, click here: [www.asce.org/PPLContent.aspx?id=12884903142](http://www.asce.org/PPLContent.aspx?id=12884903142)

To read all editions of *ASCE News*, go to: [www.asce.org/ascenews](http://www.asce.org/ascenews).

## LEGISLATIVE ALERT

Date: Friday, March 25, 2011

Attention: All members of Connecticut Society of Civil Engineers

RE: **Substitute House Bill No. 6400 “An Act Concerning Licensure of Stormwater Professionals”**

[Click here](#) for a copy of Substitute House Bill No. 6400.

**Background:** Connecticut state legislators have raised Substitute House Bill No. 6400 “An Act Concerning Licensure of Stormwater Professionals”. This bill will be scheduled for House vote in the next day or two. The bill would create a new licensure class termed “stormwater professional”, which would be required for verification of stormwater permit requirements from the Department of Environmental Protection (DEP). Licensure of stormwater professionals would be through examination. The bill also creates a State Board of Examiners of Stormwater Professionals within the DEP.

**CSCE Position: OPPOSED to Substitute HB 6400.** CSCE has grave concerns that the requirements proposed in this bill would erode and diminish the status of licensed Professional Engineers in the State of Connecticut by creating a duplicate license for “stormwater professional”. In addition, the bill conflicts with existing licensing statutes for Professional Engineers (Statute Section 20-302) and offers no additional protections to our environment. Professionals currently licensed as Professional Engineers involved in stormwater projects would now be burdened with the significant expense of the required duplicate license for “stormwater professional”.

CSCE is also strongly opposed to Substitute Bill No. 6400’s creation of a “State Board of Examiners of Stormwater Professionals” within the Department of Environmental Protection. This Board is redundant with the existing State Board of Examiners for Professional Engineers and Land Surveyors within the Department of Consumer Protection. It is CSCE’s position that licensing of professionals, particularly Professional Engineers, is best served within the Department of Consumer Protection where **the primary objective of licensure – public health, public safety, protection of the public’s interests**, can best be served. Additionally, now is not the time to create duplicate licensing boards within state government, with the State facing a severe budget crisis for the foreseeable future.

**Call to Action:** CSCE urges all members to contact their state legislators **TODAY**, and voice opposition to Substitute House Bill No. 6400 “An Act Concerning Licensure of Stormwater Professionals”. Stormwater facilities have been designed by Professional Engineers for generations.

This bill would duplicate current licensing requirements, as well as erode and diminish the status of licensed Professional Engineers in the State of Connecticut. This bill further expands the size and cost of state government by creating a duplicate licensing board within DEP, in addition to the existing licensing board within the Department of Consumer Protection. Lastly, this bill offers no additional protections to our environment. This bill must be stopped.

Members may find their state legislator at the following web site:

<http://www.cga.ct.gov/maps/Townlist.asp>. Legislators are expected to take action on this issue over the next day or two; therefore it is imperative that you contact your state legislators TODAY. Don't miss this opportunity to have an impact on licensing standards for stormwater projects.

## Employment information:

### ASCE Career Connections:

<http://careers.asce.org/search.cfm>

**Unemployed?** ASCE National has a program to waive dues of unemployed members. For more information, please contact Patrick Ballou directly at the following address:

Patrick Ballou, Membership Coordinator  
 American Society of Civil Engineers  
 1801 Alexander Bell Drive  
 Reston, VA 20191-4400  
 Toll free: 1-800-548-ASCE  
 Direct: 703-295-6169  
 Fax: 703-295-6335

## EMPLOYMENT OPPORTUNITIES

**Roald Haestad, Inc.: Civil Engineer / Resident Engineer** - Consulting Civil Engineering firm in Waterbury, Connecticut is seeking a Civil Engineer / Resident Engineer with 2-5 years experience in construction and knowledge of surveying. Duties will include assisting in field surveys; construction observation (resident project representation) for sanitary sewer, pumping station, water main, and dam construction projects; reviewing shop drawings; quantity computations; soil testing and general office work. A bachelor's degree in Civil Engineering or related field is required as well as excellent communication skills both verbal and written. Please mail, FAX (203) 575-9249, or e-mail resume to Roald Haestad, Inc., 37 Brookside Road, Waterbury, Connecticut 06708, [rhi@rhiengineering.com](mailto:rhi@rhiengineering.com) (203) 753-9800. An Affirmative Action/Equal Opportunity Employer.

**Cardinal Engineering Associates, Inc.** is seeking a Resident Engineer and Chief Inspector to provide resident engineering services for a variety of roadway, bridge, sanitary sewer and other infrastructure projects in Connecticut. Resident Engineers should have a B.S.C.E. with at least 10 years experience in construction. The Chief Inspector should be a B.S.C.E. or NICET III or IV with 10 years experience. Please email your resume to Joseph A. Cermola, III, P.E. at [jac3@cardinal-engineering.com](mailto:jac3@cardinal-engineering.com).

**STV Incorporated** is recruiting for Construction Inspection positions in CT and Metro NYC locations. Positions include Resident Engineers with current PE license; Office Engineers with NICET 3 or 4; Chief, Senior, and Junior level inspection personnel with NICET certification. For opportunities, please contact Samuel Scozzari PE, Manager of Construction Services, [samuel.scozzari@stvinc.com](mailto:samuel.scozzari@stvinc.com)

**Allied Engineering** Civil Engineer needed for family friendly civil engineering firm in North Canaan, CT. AutoCAD experience required. Please email cover letter and resume to George at [allied-engineering@snet.net](mailto:allied-engineering@snet.net).

**Malcolm Pirnie, Inc.** is seeking an experienced project engineer in Middletown, CT with strong technical skills in developing detailed design documents for municipal water and wastewater treatment facilities requires five to ten years experience. A strong working knowledge of CADD to produce design drawings is required. Contact Thomas A. Loto, P.E., BCEE at [tlotop@pirnie.com](mailto:tlotop@pirnie.com).

**Malcolm Pirnie, Inc.** is seeking an entry level engineer in Middletown, CT to assist with detailed design for municipal water and wastewater treatment facilities including the development of engineering reports and construction documents. Knowledge of CADD to produce design drawings is a plus. Contact Thomas A. Loto, P.E., BCEE at [tlotop@pirnie.com](mailto:tlotop@pirnie.com)

**HRP Associates, Inc.** is seeking Environmental Compliance Specialists for our office in Farmington, CT. Requirements: 2-5 yrs. experience, BS degree in environmental engineering or related, good communication skills, proficiency in MS Office. Experience with ISO14000 environmental management systems is a plus. Contact: Howard S. Hurd, CPG, LEP, [howard.hurd@hrpassociates.com](mailto:howard.hurd@hrpassociates.com)

**CT Department of Transportation (DOT)** has posted continuous recruitment notices for various **Transportation Engineer I, II, & III** examinations open to the public. In order to apply for a job with these titles, an individual must have taken and passed the appropriate exam. Visit the Department of Administrative Services (DAS) website at <http://das.ct.gov> and click on "Employment Connections" for information.

"Civil Engineer" has been ranked as one of America's Top 10 jobs – read more here:  
<http://www.asce.org/Content.aspx?id=12884902060>

## United Nations World Water Day – March 22, 2011

International World Water Day is held annually on 22 March as a means of focusing attention on the importance of freshwater and advocating for the sustainable management of freshwater resources.

Each year, World Water Day highlights a specific aspect of freshwater. The webpage below presents a brief overview of the different themes that have been the focus of World Water Day celebrations.

The objective of World Water Day 2011 is to focus international attention on the impact of rapid urban population growth, industrialization and uncertainties caused by climate change, conflicts and natural disasters on urban water systems.

This year theme, *Water for cities: responding to the urban challenge*, aims to spotlight and encourage governments, organizations, communities, and individuals to actively engage in addressing the challenges of urban water management.

For more information, visit <http://www.unwater.org/worldwaterday/>.

## NOTICE TO PAST PRESIDENTS

Hopefully you received a notice in January by email that we are attempting to assemble the Past Presidents Council. We will soon propose a start-up and reunion meeting in central Connecticut to set our agenda and discuss ideas. We have received very favorable responses to getting the PPC going. Please contact our Administrative Assistant Amy Petrone at 860-301-8723 or email at [admin@csce.org](mailto:admin@csce.org) if you didn't receive the January notice. If you have any specific issues or great ideas for the PPC to consider, email them to me at [nault@luchs.com](mailto:nault@luchs.com). Looking forward to getting this body of CSCE knowledge and ideas together.

Ronald Nault, P.E.  
Director I and CSCE Past President



## History & Heritage News

### Engineering Landmark Nomination – We Need Your Help!

The History & Heritage Committee requests assistance preparing our nomination of the New Haven - Northampton Alignment (Farmington Canal) for ASCE National Landmark status. The canal alignment was reconstructed as the New Haven Northampton Railroad and most recently towns have developed rail trails along the same alignment. The committee seeks information regarding:

- **Ownership** (Yale University, City of New Haven, Hamden, Cheshire, etc.) of the various rail trail sections. We are seeking officers or representatives of these entities that we may contact.
- **Recollections or images** of canal and railroad structures along the alignment. At least one canal lock has been restored and many remnants remain. Your assistance in identifying and locating existing structures will be much appreciated.
- **Identification of libraries, historical societies**, and other resources that have photographs, stories, or artifacts from the canal or railroad available for use and future reference.
- **Development of rail trails** – how did this occur? What groups were involved in mobilizing design and construction? Who was (is) behind the coordination of developing sections in different townships? Was legislation passed to enable this work? What are the various sources of funding?
- **Writers and Reviewers** – As CSCE prepares our application for landmark status we will need writers to prepare certain sections and reviewers to comment on our approach, formatting, and proofreading.

The committee is very pleased to report that several CSCE members have responded by preparing commentary on several engineering aspects of the canal and development of the rail trails. In addition we have copies (hard copy and posted on our website) of CSCE Proceedings with articles written by Charles R. Harte, (CSCE past president and historian) with substantial detail about the engineering features of the canal.

Please contact Randy States ([rtstates@yahoo.com](mailto:rtstates@yahoo.com)), Bill Cunningham ([vicepresident@csce.org](mailto:vicepresident@csce.org)) or Rabih Barakat ([president@csce.org](mailto:president@csce.org)) if you are interested in volunteering. Thank you.

Randy States, History & Heritage Committee

For more information on ASCE History & Heritage and the Historic Civil Engineering Landmark Program, visit [www.asce.org/history](http://www.asce.org/history).

Mark your calendars: September 10th

## CSCE ANNUAL GOLF TOURNAMENT

For Sponsorship Opportunities  
contact Ray Janeiro (rjaneiro@geodesign.net)

The Tradition Golf Club at Wallingford



## HONORS AND AWARDS

ASCE's Honors and Awards program recognizes the commendable achievements and remarkable accomplishments of the civil engineering profession. With more than 80 awards, the program distinguishes the unique contributions engineers make to both the industry and society. Below is sampling of awards by nomination date.

ASCE has many honors and awards to recognize deserving members. For a complete listing of all ASCE awards, please visit [www.asce.org/awards](http://www.asce.org/awards).

### May 1

Alfred Nobel Prize

### June 1

OPAL – Outstanding Projects and Leaders  
OCEA – Outstanding Civil Engineering Achievement  
Ralph B. Peck Award  
H. Bolton Seed Medal  
The Professional Practice Ethics & Leadership Award



Established in 1999, these prestigious awards recognize and honor outstanding civil engineering leaders whose lifetime accomplishments and achievements have made significant differences in one of five categories: Construction, Design, Education, Government, and Management.

For a list of winners and finalists, visit: <http://www.asce.org/opal>.

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***The Connecticut Society of Civil Engineers was formed in 1884. Separately, the Connecticut Section of the American Society of Civil Engineers (ASCE) was founded in 1919. The two organizations merged in 1981. We represent about 1,600 civil engineers statewide.***

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