



President's Letter



I hope all of you had a great summer, and one that was professionally busier than last year. The past year has been interesting, to say the least, with some areas of the economy seemingly unaffected by the economic slowdown while others are still slow to recover. The past year has also challenging from a weather standpoint with heavy snows during the past winter, an earthquake/tsunami in Japan and more recently an east coast earthquake and New England hurricane. Each of these events has only reinforced the importance of structural engineers and the services we provide.

As we begin the 2011-2012 meeting season, I would like to take this opportunity to introduce the SENH Board of Directors. The Board elected the officers shown below in July and have begun planning initiatives for the upcoming year. The Board members are unchanged from last year with the exception of Josh Lund.

Josh has previously served as the head of the Professional Development Committee and now serves as SENH's Vice-President. As Josh transitions to the Board, Adam Stockin has taken over as the PDC Chairperson - Thank you Adam!

President
Sean James, P.E.

Vice-President
Josh Lund, P.E., SECB

Treasurer
Kyle Roy, P.E., SECB

Secretary
Norm Cote, P.E.

Director at Large
Tony Coviello, P.E., S.E.

Last year we re-engineered our web site and the Professional Development Committee is currently beginning discussions for a second (smaller) round of additions to the web site. In addition, we will also be setting up permanent emails with the domain @senh.org for a few positions in the organization. The addition of permanent email addresses should assist our group with maintaining continuity of communication as the Board of Directors changes.

If you have any questions or comments please feel free to contact me at (603) 669-5555 or President@senh.org.

"What need the bridge much broader than the flood?"

-William Shakespeare

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Special Points of Interest/ Reminders:

- *The September Meeting is a joint meeting with ASCE and on September 28, 2011 See inside for details.*

What does our Membership with NCSEA Do? *By Bob Durfee,* *SENH Delegate*

SENH has been a member of NCSEA (National Council of Structural Engineers Associations) since 1995. Through our membership with NCSEA, the Associations' efforts have provided, and will continue to provide, great opportunities for advancement of the practice of structural engineering. Recent examples include:

- The Code Advisory Committee has been receiving national recognition and respect, as well as success, in its goal of advocating the adoption of practical, enforceable, uniform and technically sound provisions in the model building codes. Positions taken by the CAC, with respect to the 2012 IBC, were upheld on issues related to simplified wind provisions, seismic retrofit of existing buildings, numerous seismic design issues, quality assurance/quality control, and design related to progressive collapse. In addition, the committee has worked with a number of Standards Development Organizations, including AISC, ASCE, AISI and others, to seek improvements in the referenced standards. Currently the committee is partnering with SEAKM to evaluate the disastrous tornado damage that occurred this year.
- Increased and continuously expanding efforts in advocating the adoption of uniform, nationwide, professional structural engineering licensing.
- NCSEA's monthly news publication, STRUCTURE magazine, continues to be the leading publication produced for, and read by, practicing structural engineers on a regular basis.
- ATC-20 and ATC-45 courses are being offered regularly through NCSEA, and the second edition of the SEER Manual comes out in digital form this September, so that structural engineers around the nation may be trained in how to provide emergency response services in the event of natural or terror-related disasters.
- Meaningful continuing education opportunities are provided monthly via the web, to provide engineers with practical options for meeting continuing education requirements.
- Development of an online review/refresher course, specifically designed for the new NCEES Structural Engineering examination and given twice in 2011.
- Monthly e-newsletters to update the membership on activities and issues of interest.
- *Guide to the Design of Diaphragms, Chords and Collectors Based on the 2006 IBC and ASCE/SEI 7-05*, and *Guide to the Design of Out-of-Plane Wall Anchorage Based on the 2006/2009 IBC and ASCE/SEI 7-05*, were published in the last two years, and short courses are being presented on them throughout the country. Both books are available from ICC at the ICC member discounted price. NCSEA's next book, titled *Inspection, Testing, and Monitoring of Buildings and Bridges*, will soon be released; and the Publications Committee is also close to completion of a publication tentatively titled *Soil Structure Interaction: A Sheetpile Structures Design Guide*. NCSEA's *Guide to the Design for Serviceability in Building Structures Based on the 2012 IBC and ASCE/SEI 7-10* should be released in early to mid 2012 and will provide engineers with numerous example problems that tackle common serviceability issues in buildings for a variety of building types and construction materials. Two additional publications, tentatively titled *Guide to the Design of Building Foundations Based on the 2012 IBC and ASCE/SEI 7-10* and *Guide to the Design of Sign Structures Based on the 2012 IBC and ASCE/SEI 7-10* are set to begin soon. The foundation guide will be a comprehensive resource that covers all of Chapter 18 of the 2012 International Building Code, and the sign publication is intended to be a short guide that uses practical examples to highlight standard practice, detailing specific to sign structures, and recent changes in the codes as related to sign structure analysis.

Furthermore, in an effort to continue to meet the goals of both NCSEA and the Member Organizations' (MO's), the NCSEA Board has decided to form an *ad hoc* committee to focus on the interaction between all MO's and the national organization. This committee will be composed of MO Delegates, NCSEA Board Members, and other interested parties, with input from MO leaders, NCSEA committee chairs, and staff. The vision for this effort is to provide the NCSEA and MO Boards with a series of recommendations to increase the communication and partnering, between MO's and between MO's and NCSEA, that will be mutually beneficial to all parties. This effort will be kicked off at the NCSEA Annual Conference this October in Oklahoma City (please consider joining us for this event) and will extend over the coming year, culminating with a workshop of all Delegates at the 2012 Conference in St. Louis.

Included in this newsletter is the Annual Conference agenda and registration information for the 19th Annual Conference in Oklahoma City. There will be open committee meetings, as well as forums and software presentations on Thursday, an exciting lineup of presentations by NCSEA's past presidents on Friday, dinner at the OKC Museum of Art on Friday night, and committee presentations, separate licensing workshops, and a spectacular Awards Banquet on Saturday. If you have questions on any of the above, please call or email any member of the NCSEA Board of Directors (all information may be found on the NCSEA website: www.ncsea.com) or Jeanne Vogelzang, Executive Director, NCSEA, at (312) 649-4600 ext. 201 or execdir@ncsea.com.

New Hampshire Technical Institute (NHTI) Architectural Engineering Technology (AET) Club

The New Hampshire Technical Institute (NHTI) Architectural Engineering Technology (AET) Club is inviting suggestions for an engineering related topic from SENH for their annual Engineer's Week presentation. The presentation will be held February of 2012 as part of the *Wings of Knowledge* speaker series that takes place throughout the year. This is not to be confused with the Engineers' Week Banquet and is not in lieu of regularly scheduled SENH meetings.

The event is approximately one hour long, is open to the public and provides one free PDH to attending PEs. In 2010 the topic was related to the Lempster, NH wind farm project and in 2011 NHTI hosted a UNH professor who was involved in the Gulf oil spill cleanup.

Do you know of any New England (or nationally) featured structural projects that could be of interest? Have you or your firm been involved in any such project in the last year or two?

Please submit your suggestions to the SENH's Professional Development Committee (PDC) so they can pass on the best of the bunch to Veronica Thibodeau Carter, P.E., NHTI Professor and advisor for the AET Club. NHTI will provide the venue and do the promotion of the event; we just need to come up with a captivating structural engineering topic! Send them along to stockin@pbworld.com.

In addition, Adam Stockin, P.E., who is now the chair of the PDC, welcomes any topic suggestions for future SENH meetings or seminars.

Additional Meetings & Conferences

Working with the Joint Engineering Societies Committee, NHSPE has developed a "NH Engineering Calendar" (www.nhecal.org) where all societies can post events. The intent is to have a single site where upcoming events for all societies are listed. If you would like to post an event, please email the details to info@nhspe.org.

- NH Joint Engineering Society Conference on October 6, 2011.

As the UNH Liaison for SENH, I invite you to attend and/or advertise open positions at the UNH Career & Internship Fair on October 27th with me. It runs from noon to 4 PM on the Durham campus and will cost you nothing but a few hours of your time. The students (and faculty) are always appreciative of this opportunity to share structural engineering experience and insight with them.

Linda McNair-Perry, P.E. , SECB

ASCE & SENH JOINT SEPTEMBER MEETING ANNOUNCEMENT

- NEXT MEETING:** Wednesday, September 28, 2011
- PRESENTATION:** **Newington-Dover Construction Project** by *Cianbro Construction Company*. Cianbro will lead us on a tour of the Little Bay Bridge construction project, followed by a presentation highlighting construction and design challenges.
- SPEAKER:** Cianbro Construction Personnel
- PLACE:** Site Tour of Newington-Little Bay Bridge Project
First Tour at 5:00 PM (** attendees must provide their own personal protection equipment (hardhat, safety vest, etc.)**)
- Followed by Dinner and Presentation at:
Sheraton Portsmouth Harborside Hotel
250 Market Street
Portsmouth, NH 03801
(603) 431-2300
- DIRECTIONS:** *Tour:* Meet at the DMV parking lot @ 57 Boston Harbor Rd, Dover, NH
Presentation: I-95 to Exit 7 in NH. Drive one mile east. Right turn at Russell Street and park in gated lot on the right.
- AGENDA:** 5:00 pm-6:30 pm Construction Site Tours
6:45 pm-7:00 pm Registration
7:00 pm-7:45 pm Social Hour/Dinner
7:45 pm-8.00 pm Business Meeting
8:00 pm-9:15 pm Presentation
- DINNER:** Buffet with choice of Apple, Cranberry and Leek Stuffed Chicken with Cranberry Grand Marnier Glaze or Roast Sirloin of Beef with Burgundy Mushroom Sauce
- COST:** ACSE/SENH Member: \$45.00 Non-Member: \$55.00 Full Time Student: \$15.00
- RSVP:** by Friday, September 23, 2011. There will be a \$5.00 late fee for anyone wishing to RSVP past this date.
- Please send check payable to “Structural Engineers of New Hampshire” with list of attendees to:
- Hoyle, Tanner & Associates, Inc.
Attn. Deb Coon
150 Dow Street
Manchester, NH 03101
Contact: Deb Coon, Administrative Assistant
dcoon@hoyletanner.com
- NOTE:** 2.0 PDHs have been assigned for attendance to this program. Attendees are responsible for ensuring their check-in on the attendance list upon arrival at the meeting.

SENH May 2011 Meeting Minutes

Business Portion of the Meeting

SENH President Sean James, PE opened the membership meeting.

1. Treasurer's report was given by Kyle Roy, PE. Check book balance is \$27,000, all memberships have been paid, and the budget is balanced.
 2. The five goals set by the Board for 2010-2011 have been met or are still being pursued.
 3. UNH won the Steel Bridge Competition at McGill University in Montreal in April, and they will be going on to the National Competition at Texas A&M in May.
 4. At a recent UNH CEPS Award ceremony, Matt Low presented scholarships to two UNH students. Also, at this event, SENH Board Vice-President Ed Bergeron, PE received the CEPS Distinguished Alumni Award.
 5. Linda McNair Perry reports that the Building Code Review Committee is watching HB 137 to ratify IBC 2009 as the State Building code.
 6. President Sean James conducted the annual election for board of directors. Since Ed Bergeron will not be seeking a second term on the board, Joshua Lund, PE was voted in to fill the opening. Norm Cote, PE and Sean James, PE were both voted in for another two-year term on the board. The PDC chair vacated by Joshua Lund, PE will be filled by Adam Stockin, PE.
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Cellular Foam Grouting by Scott Whitaker, Building Envelope Consultants, Portsmouth, NH

Scott R. Whitaker is a Principal and founding Partner of Building Envelope Consultants, Inc. Scott, with engineering degree, has focused his career on masonry related construction with specialization in designing repairs to historic masonry structures. Scott has built his reputation as a leading masonry consultant by solving complicated design flaws in masonry construction while guiding masons, engineers, owners, and architects through the stages of repairing and preserving buildings. His firm provides a full range of Project Management and Construction Administration services.

Scott presented case studies for several projects employing cellular foam grout - a new grout formulation with the same structural characteristics as conventional grout, but has one-half the weight and has much better workability. Scott's presentation was enlightening and illustrated the rigorous thought process and investigative process involved in solving masonry building envelope problems.

2.0 PDH's for the technical presentation was earned by attendees. Respectfully submitted by Normand G. Cote, PE, SECB, Secretary - SENH

Attendance List

Cellular Foam Grouting
Sheraton Portsmouth Harborside Hotel
(2.0 PDH's)
May 18, 2011

Name	Organization
Dana Michael Adams, P.E.	De Niro Construction
Matthew Allen, P.E.	JSN Associates, Inc.
Dan Bard	Summit Engineering, PLLC
H. Edmond Bergeron, P.E., NAFE	HE Bergeron Engineers
Jason Blais, P.E.	Opechee Construction Corp.
Michael A. Brassard	Dubois and King
Jay H. Brown, P.E.	Structural Systems, Inc.
Robert S. Busby, P.E.	Kalwall Corporation
Robert Champagne, P.E., SECB, LEED	Summit Engineering, PLLC
Lou Cote	Steffensen Engineering Assoc., Inc.
Normand G. Cote, P.E., SECB	NGC Structural, LLC
Tony Coviello, P.E.	Summit Engineering, PLLC
Robert H. Durfee, P.E., SECB	Dubois & King, Inc.
Fred Emanuel, P.E.	Emanuel Engineering, Inc.
Chris Farrin	Summit Engineering, PLLC
Martin Gorham, P.E., LEED	JSN Associates, Inc.
James Grant	JSN Associates, Inc.
Peter J.L. Griem, P.E.	Hoyle, Tanner & Assoc., Inc.
Sean James, P.E.	Hoyle, Tanner & Assoc., Inc.
Jeffery R. Karam, P.E., LEED	Summit Engineering, PLLC
Tom Kilrain, P.E.	Department of Navy
Thomas E. Lamb, P.E.	TFMoran, Inc.
Stephen R. Langevin, P.E.	TEC, Inc.
Tyler McNally	Summit Engineering, PLLC
Jeffrey S. Nawrocki, P.E.	JSN Associates, Inc.
Linda McNair-Perry, P.E., SECB	SFC Engineering Partnership, Inc.
Richard J. Porter, P.E.	Engineered Foundation Technologies
Brandt Pyle	JSN Associates, Inc.
Josh Reilly	Structural Systems, Inc.
Stephen Richard	Steffensen Engineering Assoc., Inc.
Richard A. Rouleau, P.E.	Consultant
Kyle Roy, P.E., SECB	Tower Hill Engineering, PLLC
Peter Steffensen, P.E., SECB	Steffensen Engineering Assoc., Inc.
Jeffrey S. Trexler, P.E.	Trexler Engineering
Scott Whitaker	Building Envelope Consultants

An Outstanding Year for the UNH Steel Bridge Team *by Anabelle Allen, Junior UNH*



10 out of the 14 members with faculty advisor in front of the engineering building with our bridge. Left to right: Charles Watkins (senior), Dr. Goodspeed, Sean Brown (sophomore) Kevin DongNyon Kim (freshman) Steven Rzepka (senior), James Halsey (sophomore), Jonathan Coulp-Yu (senior), Mario LoCoco (senior), Rachel Beaudry (freshman), Tristan Donovan (sophomore), and Anabelle Allen (junior). Members not shown: Ian Cannon (senior), Mary Donlon (sophomore), Devon Christen (freshman), and Jon Tatone (sophomore)

Two days before the seniors' graduation, 13 of the SBT members accompanied by a faculty member and his wife headed down to Texas for the National Student Steel Bridge Competition at Texas A&M University. It was an amazing experience for four of the five seniors, who sacrificed their own graduation to attend the competition. Out of the 48 teams at the National Competition and the 201 teams that competed throughout the nation this past year, UNH finished in 13th place with a 100% student made bridge. Competition was fierce and judging was much more strict than was experienced at Regional's, but the knowledge the team gained by observing all the other bridge designs and their construction methods was extensive. The team was so motivated and inspired by this trip to National Competition that plans for the 2012 competition started on the plane ride home from Texas that weekend.

The 2012 rules for competition were posted in mid August and team has already begun brainstorming ideas for this year's bridge. The up and coming seniors on the team have some big shoes to fill this year. However not deterred by last year's solid performance, they are confident that they have the knowledge and experience to perform just as well, if not better. It is thanks to all of our wonderful sponsors and our generous professor Dr. Goodspeed for that knowledge and experience. Without them it would have been far more difficult to make it to Nationals. Thank you to all who supported the team this past year and keep an eye out this spring when the team competes at Regional's hosted by UMass Amherst!

As the 2010-11 school year came to an end this past May it also meant it came time for the five seniors on the Steel Bridge Team to graduate, and what a great graduation present they received. On April 30th in Quebec City, Canada the University of New Hampshire Steel Bridge Team (SBT) took first place in the Regional Student Steel Bridge Competition. With their swift construction of the lightest bridge at competition, they beat out other schools such as Northeastern and Massachusetts Institute of Technology to bring home a trophy to New Hampshire. For the first time in over 10 years the UNH SBT was heading to Nationals.



Whole team with our trophy on a suspension bridge in Canada after winning Regional's

Our Sponsors

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	Paul E. Sbacchi, PE Chief Structural Engineer
	E: psbacchi@tfmoran.com T: (603) 472-4488 W: www.tfmoran.com
TFMoran Inc. 48 Constitution Drive, Bedford, NH 03110	

Employment Opportunities

	<p style="text-align: center;">BRIDGE ENGINEER</p> <p>A Bridge Engineer with a minimum of 8-10 years experience is needed for our busy and growing Bridge Engineering Group. Duties include the evaluation, planning, design, and construction administration of Federal, D.O.T., and municipal bridge projects and programs. Bridge Design Team Management/Leadership experience and client relationship and business development experience desired. A Bachelor of Science (BSCE) Degree required, Master Degree (MS or MSCE) a plus. Experience with AutoCad and/or Microstation desired. Experience with AASHTO standards required, experience with NHDOT and VTrans standards a plus. VT/NH P.E. required or ability to obtain. Position available in Bedford, N. H.</p> <p>We offer competitive salary; excellent fringe benefit program; ESOP Company.</p> <p>Visit our website at http://www.dubois-king.com.</p> <p>Please send resume to:</p> <p style="text-align: right;">DuBois & King, Inc. P.O. Box 339 Randolph, Vermont 05060 Fax: 802.728.4930 Email: rgoodall@dubois-king.com</p> <p style="text-align: center;">-EEO-</p>
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19th Annual Conference



Oklahoma City, Oklahoma
October 20 - October 22, 2011



Renaissance Oklahoma City Convention Center Hotel

Leadership in
Structural Engineering

NCSEA

Oklahoma City is proud to host this year's NCSEA Annual Conference. Held at the Renaissance Convention Center, the preliminary program follows:

THURSDAY – October 20

Concurrent Sessions

NCSEA Committee Meetings

- 10:30 – 12:00 Licensing Committee
- 11:00 – 4:00 Basic Education Committee
- 1:00 – 4:00 Code Advisory Wind Engineering Subcommittee
- 1:00 – 5:00 Code Advisory General Engineering Subcommittee
- 1:00 – 5:00 Code Advisory SI/QA Subcommittee

6:00 – 8:00 **Welcome Reception for Exhibitors and Attendees**

Exhibit Hours on Thursday: 1:00 – 8:00 p.m.

NCSEA Forums

1:00 pm **Ethics in Structural Engineering**

Barry Arnold, Vice President ARW Engineers, Salt Lake City, UT

3:15 pm **Speaking to the Media**

Gerry Bond, Emmy winning journalist and TV personality, Oklahoma City, OK

Software Presentations

- 1:00 – 1:30 RISA Technologies
- 1:40 – 2:10 CSC, Inc.
- 2:20 – 2:50 Structural Desktop, Inc.
- 3:20 – 3:50 Bentley Systems
- 4:00 – 4:30 S-FRAME Software, Inc.
- 4:40 – 5:10 Design Data

FRIDAY – October 21

- 7:00 am Registration & Breakfast
- 7:30 am Breakfast Sponsor Speaker
- 8:15 am Roll Call & Introduction of Candidates for NCSEA Board of Directors
- 8:30 am **Keynote Address: International Structural Engineering Practice – It's Not Just About the Calcs**
James R Cagley, 1st President of NCSEA, Cagley & Associates, Rockville, MD
Designing structures for a number of years, in a number of foreign countries, teaches you that structural engineering encompasses so much more than just calculations and drawings. How it can sometimes be interesting, sometimes fun, but not always both at the same time, will be the subject matter of this keynote address by the founder of NCSEA.
- 9:15 am **Making Sense of the Rubble through Forensic Investigation after the Oklahoma City and 9/11 Bombing Attacks**
Gene Corley, 4th President of NCSEA, CTLGroup, Skokie, IL
After any structural damage occurs, there is an opportunity to increase knowledge and improve future designs. In many cases, damaged structures are partially intact, and the determination of the cause of destruction may be easy. For the Oklahoma City and World Trade Center bombings, however, damage was extreme, thereby making investigation difficult. Results of the forensic investigations and the code changes that followed will be discussed.
- 10:00 am Break & Exhibitor Visits
- 10:45 am **Forensic Design Panel Discussion**
Tim Slider, 5th President of NCSEA, Slider & Associates, Richardson, TX
Ron Hamburger, 12th President of NCSEA, Simpson Gumpertz & Heger, San Francisco, CA
Ed Huston, 15th President of NCSEA, Smith & Huston, Seattle, WA
- 11:45 am Lunch, Sponsored Speaker, & Exhibitor Visits

Concurrent Sessions

Session 1

- 1:00 pm **The Building Code Process Today**
Ron Hamburger, 12th President of NCSEA, Simpson Gumpertz & Heger, San Francisco, CA
Most structural design criteria in today's building codes are adopted by reference to national standards developed by ACI, AF&PA, AISC, ASCE, TMS, and other industry groups. While the building codes are updated and adopted every 3 years, the standards are more typically updated and revised on a 5-year schedule. The 2006 IBC referenced 2005 editions of most standards. However, as time goes by, the lag between standards publication and building code adoption is increasing. Should engineers design to the latest standard or that referenced by the building code? A look at some upcoming changes to the code may provide some insight into this question.
- 1:45 pm **Building Code Panel Discussion**
Gene Corley, 4th President of NCSEA, CTLGroup, Skokie, IL
Greg Schindler, 8th President of NCSEA, KPFF Consulting Engineers, Seattle, WA
Ed Huston, 15th President of NCSEA, Smith & Huston, Seattle, WA
- 3:15 pm **Specialty Structural Engineering – What I Learned After College**
Bill Bast, 17th President of NCSEA, Thornton Tomasetti, Chicago, IL
This talk will focus on structural engineering for vintage and new building facades, construction means and methods, and structural repairs. Case studies of each will be presented and discussed in detail.
- 4:00 pm **Specialty Engineering Panel Discussion**
Craig Barnes, 3rd President of NCSEA, CBI Consulting, Boston, MA
Emile Troupe, 6th President of NCSEA, Structural Steel Fabricators of New England
Mike Tjlk, 9th President of NCSEA, TGRWA, Chicago, IL

Session 2

- 1:00 pm **Investigation, Design, and Construction for Renovation Projects is NOT an Off Shore Function**
Craig Barnes, 3rd President of NCSEA, CBI Consulting
Many renovation projects require a combination of services that can be provided most efficiently by an experienced structural engineer. Often that engineer must guide the architect, mechanical engineer, and even the client. Engineers not experienced in renovation may come to grief in the process; and engineers without close proximity to the project are at a severe disadvantage.
- 1:45 pm **Renovation Panel Discussion**
John Joyce, 11th President of NCSEA, Engineering Solutions, Oklahoma City, OK
Bob Paullus, 16th President of NCSEA, Paullus Structural Consultants, Memphis, TN
Bill Bast, 17th President of NCSEA, Thornton Tomasetti, Chicago, IL
- 2:30 pm Break, Exhibitor Visits, and Raffle
- 3:15 pm **How to Make Money in Structural Engineering**
Marc Barter, 7th President of NCSEA, Barter & Associates, Mobile, AL
This presentation will be a general overview of the business of structural engineering consulting. Topics such as client selection, accounts receivable, insurance, and quality will be discussed.
- 4:00 pm **Business Issues Panel Discussion**
James R Cagley, 1st President of NCSEA, Cagley & Associates, Rockville, MD
Sanjeev Shah, 10th President of NCSEA, Lea+Elliot, Inc., Miami, FL



Courtesy of Joseph Mills Photography

OKC Museum of Art Reception and Dinner

6:00 – 7:00 Roof Terrace Reception

7:00 – 8:30 Dinner

8:30 – 10:30 Open Galleries

Exhibit Hours on Friday: 7:00 a.m. – 3:15 p.m.

OKC Rooftop Terrace: Located atop the three-story Donald W. Reynolds Visual Arts Center, the Roof Terrace offers a spectacular view of downtown Oklahoma City.

OKC Museum of Art: The Museum's collection covers a period of five centuries, with highlights in European and American art from the eighteenth through twenty-first centuries and a growing collection of contemporary art. Located atop the three-story Donald W. Reynolds Visual Arts Center, the Roof Terrace offers a spectacular view of downtown Oklahoma City.

Spouse Program

Contact Lisa Joyce, Coordinator (ljoyce3@cox.net) for information. Program will include Oklahoma Memorial & Museum, shopping in Bricktown Entertainment District as well as Classen Curve, Red Earth Museum, Bricktown dining and canal cruise, National Cowboy & Western Heritage Museum, tour of Boathouse Row on Oklahoma River, Myriad Botanical Gardens & Crystal Bridge Tropical Conservatory, Trolley transportation.

Register online at www.ncsea.com

Conference Hotel

Renaissance Oklahoma City Convention Center Hotel
10 North Broadway Avenue
Oklahoma City, OK 73102

American Airlines

Group Code #53H1BA for a 5% discount

Taxicab cost to the hotel: \$24 – \$26



Best Deal on Airport Shuttles

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Across the street from baggage claim, look for a sign that says "Public Vans". The cost for these orange and burgundy vans is \$16.00 one way and \$2.00 for each additional person to the same hotel. No advance reservation necessary.

Avis Car Rental Code

#GO27999

SATURDAY – October 22

- 7:00 am Breakfast and Presentation by Sponsor
- 8:00 am Roll Call and MO Reports
- 9:15 am Code Advisory Committee Report,
Ronald Hamburger, Chair
- 9:30 am Advocacy Committee Update, *Bob Durfee and Tom DiBlasi, Co-Chairs*
- 9:45 am Basic Education Update, *Craig Barnes, Chair*
- 10:00 am Continuing Education Update, *Mike Tylk and Carrie Johnson, Co-Chairs*
- 10:15 am Morning Break
- 10:30 am Licensing Committee Report, *Susan Jorgensen, Chair*
- 11:00 am Publications Committee Report, *Tim Mays, Chair*
- 11:15 am SEER Committee Report, *Scott Nacheman, Chair*
- 11:30 am Communication and Partnering *Ad Hoc* Committee,
Jim Malley, Chair
- 11:45 am SECB Report, *Marc Barter, Board Member*
- 11:50 am Treasurer's Report, *Ben Nelson, Treasurer*
- 12:00 pm Lunch and Sponsored Speaker
- 1:15 pm Licensure Position Paper/Current Status,
Susie Jorgensen, Licensing Committee Chair
- 1:30 pm Discussion and Vote on Position Paper
- 2:00 pm Breakout sessions announced
- 2:15 pm Breakouts
- 3:00 pm Break
- 3:15 pm Breakout sessions continued
- 4:00 pm Reconvene to Summarize Results
- 4:30 pm Adjourn
- 4:35 pm NCSEA Board of Directors Meeting
- 6:00 pm Reception and Awards Banquet – *Formal attire requested*



American Society of Civil Engineers (ASCE-NH),
IEEE-New Hampshire Section (IEEE),
New Hampshire Society of Professional Engineers (NHSPE)
Structural Engineers of New Hampshire (SENH)
American Council of Engineering Companies of NH (ACEC-NH)
Society of Women Engineers (SWE-NH)

*NHJES 5th Annual Joint Engineering Societies
Conference*

Thursday, October 6, 2011

The Executive Court Banquet Facility at the Yard

1199 South Mammoth Road, Manchester, NH

“Sustaining Our Future”



(Visit www.nhjes.org for additional conference details)

The New Hampshire Joint Engineering Societies invite you to our 5th Annual Joint Engineering Societies Conference. This year’s Conference theme is “Sustaining our Future” . This event is geared to providing a strong informational and educational series of sessions for all disciplines of engineering. Each participant will receive a portfolio and pen with conference brochure at check in.

Agenda

8:00-8:15	Registration / Sign in
8:15-8:20	Welcome
8:20-8:45	Plenary Session – Sustainable Future - Commissioner Thomas S. Burack, NHDES
8:45-10:00	Session #1A - Civil Engineering / Infrastructure Sustainability by Howard LaFever, P.E. GHD, Inc, and Institute for Sustainable Infrastructure Board, and Vicki Vickrey-Quiram, P.E. Town of Westford ,MA, and Institute for Sustainable Infrastructure Board (1.25 PDH) Session #1B – Sustainability of Military Lands in the Arctic by Sally Shoop, CRREL-NH (1.25 PDH)
10:00-10:15	BREAK
10:15-11:30	Session #2A - The Green Side of Nuclear Power – Bridging the Gap by Robert Couture P.E, NextEra Energy Resources Seabrook Station, (1.25 PDH) Session #2B – Securing the DOD Supply Chain from the Risks of Counterfeit Electronic Components by Henry Livingston, BAE SYSTEMS (1.25 PDH)
11:30-1:15	Luncheon Speaker - The Great Recession and the New Hampshire Reflection by Dennis Delay, New Hampshire Center for Public Policy Studies (1.00 PDH)
1:30-2:45	Session #3A - Sustainable Design using Precast Concrete Systems by Rita Seraderian, Precast/Prestressed Concrete Institute (1.25 PDH) Session #3B – Designing Products to Last; Is it Good for the Manufacturer, the Environment, the Economy? By Bob Landman, H & L Instruments (1.25 PDH)
2:45-3:00	BREAK
3:00-4:15	Session #4A –Permitting of Small Scale Wind Power Projects by Sarah Barnum, PhD, Normandeau Associates, Inc. (1.25 PDH) Session #4B – Use of Porous Asphalt in Cold Regions by Jon Zufelt, CRREL-NH (1.25 PDH)



Please visit our Website
NHSPE.org
To register on line

ON LINE REGISTRATIONS AVAILABLE FOR THIS EVENT – NHSPE.ORG

Cost:

\$85 ASCE/IEEE/NHSPE/SENH/SWE/ACEC-NH Member Membership # (if applicable) _____
(Circle One)
\$145 Non-Member
\$40 Full-Time Student

Note: A total of 6.0 PDHs will be offered for full attendance at this event.

Contact for Questions:

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Terracon
Phone: (603) 647-9700 x 123
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Email To:

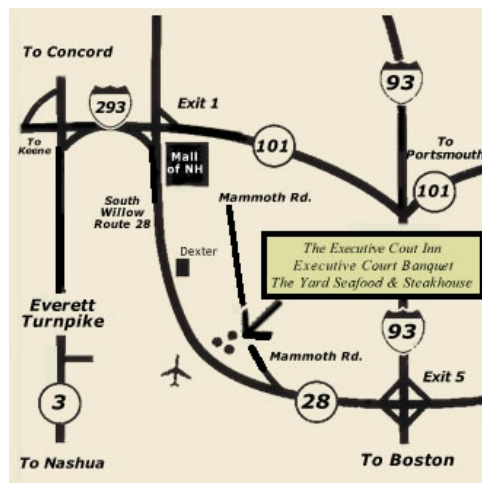
Mmitchell@Terracon.com

Fax To:

(603) 647-4432

Registration Deadline is Saturday, September 24, 2011

No refunds will be offered for cancellations after Noon on Friday, September 30, 2011



Directions/Parking:

From I-293 & 101

Take exit 1, head south on Route 28 (South Willow Street) and bear left after Dexter Shoe Factory Outlet. Stay on Route 28 South and enter at the Best Western Executive Court Inn on your left.

From I-93

Take Exit 5 (North Londonderry) to Route 28 North for 3 miles. Enter at The Best Western Executive Court Inn on right.

Free parking is available at the site.



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**Mark Your Calendars for the
Upcoming Dates of Future
SENH Meetings:**

Thursday, November 17, 2011
Thursday, January 12, 2012
Tuesday, March 06, 2012
Tuesday, May 08, 2012

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