



October 20-22, 2011

Nineteenth Annual Conference

Oklahoma City, OK



Table of Contents

Message from the President	Page 3
Conference Committee	Page 4
Program Schedule	Page 5
Featured Speakers	Page 7
Sponsors and Exhibitors.....	Page 8
Member Organization Map	Page 9
2009-2010 Board of Directors	Page 10
2009-2010 Member Organization Delegates	Page 11
Partnering Organizations, Associate, Affiliate & Sustaining Members ..	Page 14
Member Organization Activity Reports.....	Page 18
Committee Reports	
Committee Chairs	Page 81
Advocacy Committee.....	Page 83
Awards Committee	Page 85
Basic Education Committee.....	Page 86
Code Advisory Committee	Page 88
Continuing Education Committee.....	Page 91
Licensing Committee	Page 92
Membership Organization Development Committee	Page 93
Publications Committee.....	Page 95
SEER Structural Engineering Emergency Response Committee	Page 96
Conference Registrants	Page 98
2010 Excellence in Structural Engineering Award Finalists	Page 104
Continuing Education Forms.....	Page 106



Message from the President

Welcome to Oklahoma City and NCSEA's 19th Annual Conference!

I'd like to thank the Oklahoma Structural Engineers Association (OSEA) for hosting this year's conference. The NCSEA Board and Staff are very pleased and excited to bring NCSEA's delegates, committee members and guests to the state of Oklahoma for the first time!

NCSEA's Annual Conference serves as the primary mechanism for the Member Organizations (MO's) to:
Share information on the activities of their MO's

- Learn about NCSEA's activities and opportunities for getting involved
- Discuss issues of interest to the structural engineering profession
- Provide feedback and ideas to the NCSEA Board
- Recognize and honor the exceptional structural engineering projects of peers and outstanding contributions by leaders of our profession

Thursday will consist of NCSEA committee meetings, forums on ethics in our profession and speaking with the media, and a series of presentations by our meeting sponsors, with a welcome reception in the evening. The conference organizing committee has developed an interesting program for Friday titled "Leadership in Structural Engineering" that will draw its speakers and panelists from NCSEA's past presidents. We are sure you will enjoy and learn a great deal from the knowledge and experience that these stellar structural engineering leaders will be sharing. Saturday is the annual business meeting. The morning will commence with the member roll call and reports followed by reports by our committee chairs, board members and executive director on the activities of NCSEA. The afternoon will be a workshop to discuss and strategize on structural licensing, a topic which is being hotly pursued by a number of our states, and considered by many more. We plan to seek your help in establishing a cohesive plan for moving ahead on the structural licensing issue, based on the results and direction from this forum. The conference closes with our annual banquet, where we will honor leaders in our profession and outstanding structural engineering feats accomplished by NCSEA members on projects from around the world.

This has been a very busy year for NCSEA, and we have made progress on a number of fronts. For example, we are approaching the completion of the first year working with our new Strategic Plan that you helped develop at last year's conference. Our continuing education programs continue to grow and strengthen, highlighted by our successful webinar series and the new SE License Review Program. Our publications committee is hard at work, completing three documents that will be useful to practicing engineers, and has a number of additional documents in the pipeline for the future. Our Code Advisory Committee continues to monitor and provide input on new codes and standards, to ensure that the needs of the practicing structural engineer are being met. Our SEER committee is working with ASCE and other organizations to develop a coordinated program to respond to future disasters that affect our built environment. Our Board has held two web meetings with the delegates on topics of interest to the MO's and has visited with numerous MO Boards to increase our communication and outreach. There's a whole lot more that you will learn about during the course of the week.

To our Delegates, enjoy the conference and camaraderie with your colleagues and peers. Please take this meeting as an opportunity for interaction with other MO's and the NCSEA Board and staff. We hope that you share your local concerns, ideas, and achievements during the year at this Annual Conference, and report national news and these proceedings back to your MO when you return home. NCSEA exists to serve our MO's and act as the national voice of practicing structural engineers. We covet your input, participation, and support to accomplish this mission.

It has been my great privilege, honor and pleasure to serve NCSEA as its President in this past year.

Respectfully submitted,
James O. Malley, P.E., S.E., SECB
President, NCSEA



Conference Committee

Special Thanks

NCSEA wishes to thank the SEAO NCSEA Conference Committee for all their hard work in making the Annual Conference such a success.

OSEA NCSEA Conference Planning Committee

Co-Chairs

Dustin Cole	Star Building Systems
Carrie Johnson	Wallace Engineering
John Joyce	Engineering Solutions

Promotions

Kristen Killgore	Zahl-Ford Inc.
John Kelly	B&T Engineering
Brad Thurman	Wallace Engineering

Fund Raising

Carisa Ramming	Oklahoma State University
Sarah Woodard	Wallace Engineering
Alan Kirkpatrick	Kirkpatrick, Forest & Curtis Engineering

Spouse Program

Lisa Joyce	Engineering Solutions
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Save The Date



Date: October 4–6, 2012

Venue: Hilton St. Louis Frontenac

Please join us in St. Louis, MO for the Twentieth Annual Conference

Aside from top notch continuing education, some other notable reasons to visit St. Louis include:

- The 6,442-foot-long **Eads Bridge**, designed and built by James Buchanan Eads in 1874. The innovative structure was the world's first alloy steel bridge and the first to depend entirely upon the use of the cantilever in its construction.
- The iconic **Gateway Arch**
- **Wainwright Building**, a 10-story, red-brick, steel-frame building considered to be the first skyscraper ever built



Conference Schedule

Thursday, October 20

10:30 am- 12:00pm Licensing Committee
 11:00am - 4:00pm Basic Education Committee
 11:00am – 1:00pm Advocacy Committee
 11:00am - 2:00pm Code Advisory Wind Engineering Subcommittee
 1:00pm - 5:00pm Code Advisory General Engineering Committee
 1:00pm - 5:00pm Code Advisory IS/QA Subcommittee
 12:00pm - 1:00 pm Lunch

NCSEA Forums

1:00pm Ethics in Structural Engineering
Barry Arnold, Vice President ARW Engineers
 Speaking to the Media
Gerry Bond, Emmy winning journalist and TV personality

Software Presentations

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

6:00 - 8:00 p.m. Welcome Reception for exhibitors & attendees

8:30pm – 10:00pm NECSEA Meeting

Friday 9:00am – 12:00pm
 SEA Executive Directors Meeting

New This Year!
Choose Your
Education Track
on Friday
afternoon.

Friday, October 21

7:00 - 8:00 a.m. Registration & Breakfast
 8:00 a.m. Welcome
 8:05 - 8:30 a.m. Roll Call & Introduction of Candidates
 8:30 - 9:15 a.m. Keynote Address: **Jim Cagley**
 International Structural Engineering Practice - It's Not Just About the Calcs
Gene Corley
 Making Sense of the Rubble through Forensic Investigation after the OKC
 and 9/11 Attacks
 10:00 - 10:45 a.m. Break and Exhibitor Visits
 10:45 - 11:45 a.m. Panel - **T.Slider & R. Hamburger & M. Barter**
 Forensic Design Panel Discussion
 11:45 a.m.-1:00 p.m. Lunch & Exhibitor Visits & Speaker Hurricane Irene –
 Road & Bridge Devastation in Vermont & New Hampshire **Bob Durfee**

SESSION 1

1:00 - 1:45 p.m. **Ron Hamburger**
 The Building Code Process Today
 1:45 - 2:30 p.m. Panel - **G. Corley & G.Schindler & J. Malley**
 Building Code Panel Discussion
 2:30 - 3:15 p.m. Break, Exhibitor Visits, & Raffle
 3:15 - 4:00 p.m. **William Bast**
 Specialty Structural Engineering - What I
 Learned After College
 4:00 - 5:00 p.m. Panel - **C.Barnes & E.Troupe & M.Tylk**
 Specialty Engineering Panel Discussion

SESSION 2

1:00 -1:45 p.m. **Craig Barnes**
 Investigation, Design & Construction for
 Renovation Projects is NOT an Off-Shore
 Function
 1:45 - 2:30 p.m. Panel - **J.Joyce & B.Paullus & B. Bast**
 Renovation Panel Discussion
 2:30 - 3:15 p.m. Break, Exhibitor Visits, & Raffle
 3:15 - 4:00 p.m. **Marc Barter**
 How to Make Money in Structural
 Engineering
 4:00 - 5:00 p.m. Panel - **J. Cagley & M. Tylk & S.Shah**
 Business Issues Panel Discussion

6:00 - 10:30 p.m. OKC Museum of Art | Reception, dinner, open galleries



SATURDAY, October 22**7:00 - 8:00 a.m. Registration & Breakfast**

8:00 - 9:15 a.m. Roll Call & MO Reports

9:15 a.m. Code Advisory Report Ron Hamburger, Chair

9:30 a.m. SEER Committee Report Scott Nacheman, Chair

9:45 a.m. Basic Education Update Craig Barnes, Chair

10:00 a.m. Continuing Education Update Mike Tylk & Carrie Johnson, Co-Chairs

10:15 a.m. Break

10:30 a.m. Licensing Committee Report Susan Jorgensen, Chair

10:45 a.m. Publications Committee Report Chun Lau

11:00 a.m. Advocacy Committee Update Bob Durfee Co-Chair

11:15 a.m. Executive Director Report Jeanne Vogelzang

11:30 a.m. Communication & Partnering Ad Hoc Committee | Jim Malley, Chair

11:45 a.m. SECB Report Marc Barter, Board Member

11:50 a.m. Treasurer's Report Ben Nelson, Treasurer

12:00 - 1:15 p.m. Lunch

1:15-1:30 Presentation of proposed NCSEA Policy and status of Licensure

1:30-1:45 Presentation of SEI Policy on SE Licensing by Sam Rihani

1:45-2:15 Discussion of proposed NCSEA Policy and Vote by Delegates

2:15-2:30 Review goals and plans for Breakout Strategy Sessions

2:30-2:55 Breakout Strategy - Session One

2:55-3:20 Breakout Strategy - Session Two

3:20-3:35 Break

3:35-4:00 Breakout Strategy - Session Three

4:00-4:30 Summarize results and discuss after-conference follow up

4:30 p.m. Adjourn

4:35 p.m. NCSEA Board of Directors Meeting

6:00 - 10:00 p.m. Reception & Awards Banquet

Featured Speakers

William D. Bast, PE, SE, SECB | Specialty Structural Engineering - What I Learned After College

William D. Bast, SECB joined Thornton Tomasetti in 1998 and is the Principal in charge of the Chicago office's Building Performance practice. With 28 years of experience, Mr. Bast's areas of technical expertise include structural engineering and design, building failure investigations, litigation support, building façade evaluation, remedial repair of distressed buildings, and restoration and preservation of old and historic structures. In addition to his project work, Mr. Bast is involved in numerous organizations, serving as Past President of the National Council of Structural Engineers Associations, Past President of the Structural Engineers Foundation, Past President of the Structural Engineers Association of Illinois, member of the American Society of Civil Engineers, and council member for the City of Hope's Chicago Construction and Real Estate Council. He holds master's and bachelor's degrees in civil engineering from Lehigh University and is the recipient of the 2005 Structural Engineers Association of Illinois' Distinguished Service Award.

Craig E. Barnes, PE, SECB | Investigation, Design & Construction for Renovation Projects in NOT an Off-Shore Function

Craig E. Barnes, P.E., SECB is principal and founder of CBI Consulting Inc. As an engineer registered in both the civil and structural fields, Mr. Barnes has over 40 years experience designing, coordinating, and managing structural and civil engineering projects throughout New England.

Marc S. Barter, SECB | How to Make Money in Structural Engineering

Marc S. Barter is the president of Barter and Associates, Inc., a structural engineering firm in Mobile, Alabama. He is a graduate of the University of South Alabama with a BS in Civil Engineering, a licensed professional engineer in 14 states, and a licensed structural engineer in Illinois. He has been in private practice for 30 years, 29 of which have been in his own firm.

James R. Cagley, PE, SE | Keynote Address: International Structural Engineering Practice - It's Not Just About the Calcs

Mr. Cagley graduated from Iowa State University in 1958 with a B.S. in Architectural Engineering. He is presently a licensed engineer in Maryland and 32 other jurisdictions, including California where he is a licensed Structural Engineer. Mr. Cagley is a past President of the American Concrete Institute (ACI) and a past-Chairman of the ACI 318 Standard Building Code Committee. Mr. Cagley was one of the founders and the first President of the National Council of Structural Engineers Associations (NCSEA).

W. Gene Corley, PE, SE, Ph.D., SECB | Making Sense of the Rubble Through Forensic Investigation After the OKC and 9/11 Attacks

Mr. Corely is Senior Vice President of CTLGroup in Skokie, IL. He has a B.S., M.S. and a Ph.D. from the University of Illinois. Gene is a member of the National Academy of Engineering; is former President of the National Council of Structural Engineer Association; and is an Honorary Member of both the American Society of Civil Engineers and the American Concrete Institute.

Robert H. Durfee, PE, SECB | Hurricane Irene – Road & Bridge Devastation in Vermont & New Hampshire

Robert H. Durfee, PE, SECB is Vice President and Transportation Division Manager for Dubois & King, Inc. He holds a Bachelor's Degree from Clarkson University and a Masters Degree from Virginia Polytechnic Institute. Mr. Durfee has over 33 years of experience in the inspection, evaluation, design or rehabilitation design of bridges, having focused the latter part of his career on the rehabilitation and restoration of historic bridges. Mr. Durfee is a member of Structural Engineers of New Hampshire (SENH), having served as President. He is the SENH Delegate to NCSEA since 1998. He is Chair of the NCSEA Advocacy Committee. Some of Mr. Durfee's current assignments is the rehabilitation or replacement design of several bridges in Vermont and New Hampshire damaged or lost as a result of Hurricane Irene.

Ronald Hamburger, SE, SECB | The Building Code Process Today

Ronald Hamburger is a past president of NCSEA, chair of its Code Advisory Committee and present President of the Structural Engineering Certification Board. Following the 2001 terrorist attacks and collapse of the World Trade Center buildings, Mr. Hamburger was appointed to the joint FEMA/ASCE team that performed the initial investigation of the collapse and later participated in the more detailed studies performed by NIST. AISC presented him with the 2005 T.R. Higgins Award for his work to develop simplified methods for progressive collapse analysis and he recently chaired the NCSEA-sponsored joint ad hoc committee that developed the recent proposal that was adopted by the IBC. He also chairs the ASCE-7 General Requirements Subcommittee responsible for adoption of similar requirements in ASCE 7.



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Wallace Engineering Structural Consultants

Gold

Nucor-Vulcraft Group
Star Building Systems

Silver

Alliance Steel, Inc.
ITW Red Head
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**Please visit
with vendors in
the Exhibit
Hall during the
breaks.**

Bronze

B & T Engineering, Inc.
Engineering Inc.
Kinslow, Keith & Todd

Copper

ATG USA (Applied Technology Group)
B & R Engineering
Crafton Tull & Associates
CTL Group
Engineering Solutions
Kirkpatrick Forest Curtis
Linde Process Plants
White Engineering Associates
Oklahoma State University Architectural-
Engineering Faculty
Zahl-Ford, Inc.

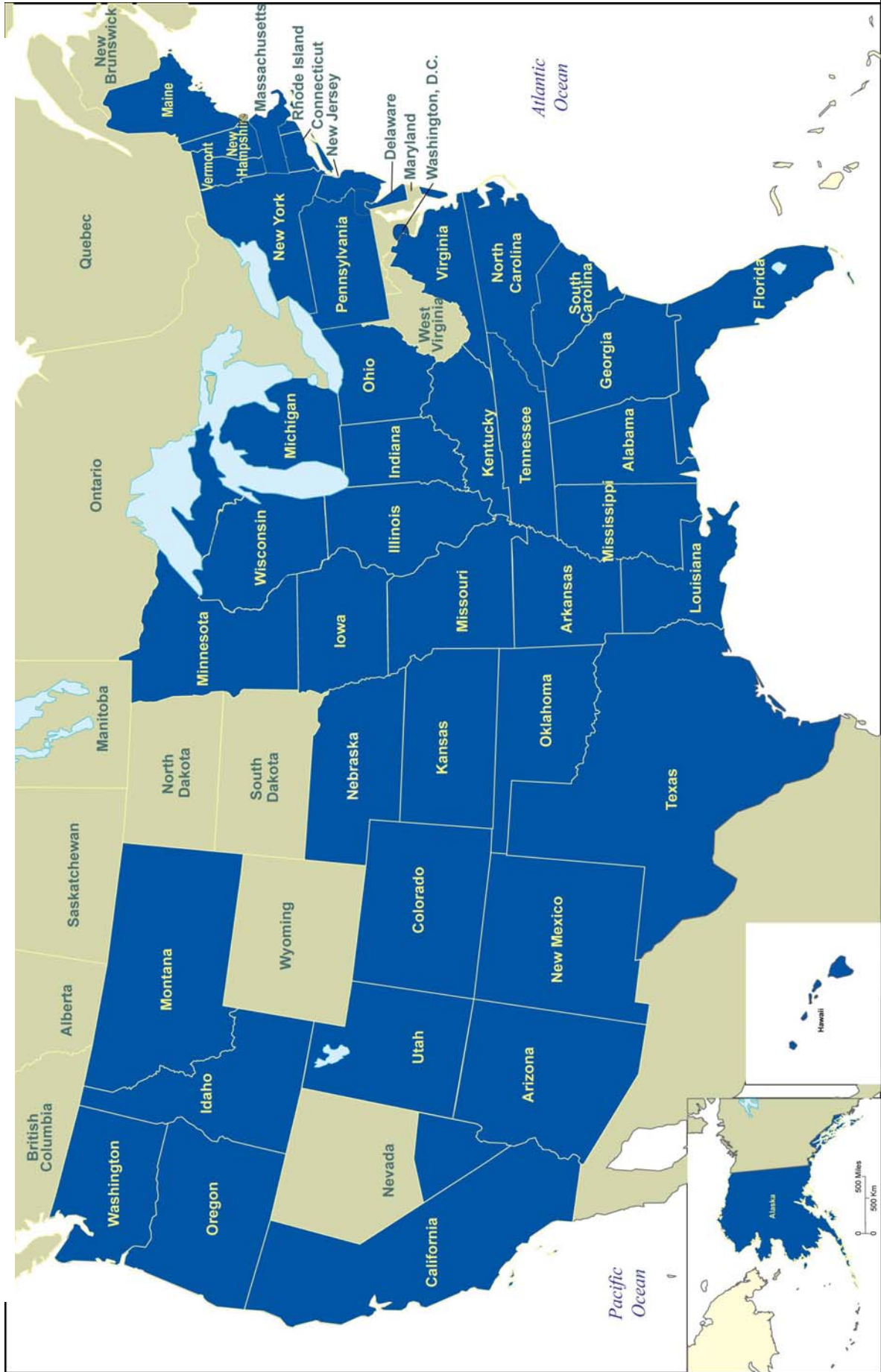
Exhibitors

American Institute of Steel Construction
AZZ Galvanizing Services
Bekaert Corporation
Bentley Systems
Cast Connex Corp.
CoreBrace, LLC
CMC Steel Products
CSC Inc.
Delta Structural Technology, LLC
Design Data
Ecospan Composite Floor System
Euclid Chemical Co.
Fabreeka International
Fyfe Co. LLC
Hardy Frames, Inc.
Hayward Baker
Hilti, Inc.
International Code Council
ITW RED HEAD

Kaplan Construction Education
Lindapter USA
LNA Solutions
Nucor - Vulcraft Group
Powers Fasteners
Professional Liability Agent Network (PLAN)
RISA Technologies
S-FRAME Software, Inc.
SidePlate Systems, Inc.
Simpson Strong-Tie
Star Seismic
Steel Cast Connections
Structural Desktop, Inc.
TurnaSure LLC
Unbonded Brace
USP Structural Connectors
Valmont Group
Vector Corrosion Technologies
W. R. Grace & Co.



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www.cetco.com
 Sarah Esp
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 Stuart Broome
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www.fyfeco.com
 Mark Geraghty
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 909-322-0459
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Hilti, Inc.
www.us.hilti.com
 Troy Lippert
 5400 S. 122nd East Avenue
 Tulsa, OK 74146
 800-879-8000
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Rosoboro
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 Jim Walsh
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 Springfield, OR 97477
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jimwalsh@rosoboro.com

Steel Joist Institute
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 J. Kenneth Charles
 234 W. Cheves Street
 Myrtle Beach, SC 29501
 843-407-4091
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**Cold-Formed Steel Engineers
 Institute**
www.cfsei.org
 Don Allen
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 705
 Washington, DC 20036
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DECON USA, Inc.
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 Neil Hammill
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 Beaufort, SC 29907
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neil@decon.ca

Hardy Frames, Inc.
www.hardyframe.com
 Maged Diab
 789 S. Victoria Avenue, #200
 Ventura, CA 93003
 805-477-0793
Maged.diab@mii.com

Powers Fasteners
www.powers.com
 Jack Zenor
 2 Powers Lane
 Brewster, NY 10509
 800-524-3244
jzenor@powers.com

SE Solutions, LLC
www.findyourengineer.com
 Brian Quinn
 691 Ottawa Beach Road
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 616-836-1702



Sustaining Members

Barrish, Pelham & Associates, Inc.
www.barrish.com
 Stephen Pelham
 3001 E. Street
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 916-418-9100
spelham@barrish.com

Cartwright Engineers
www.caceng.com
 Craig Cartwright
 595 S. Riverwoods Pkwy., Suite
 270
 Logan, UT 84321
 435-753-2850
craigc@caceng.com

**Cowen Associates Consulting
 Structural Engineers**
www.cowenassoc.com
 Fred V. Cowen
 29 Vesta Road
 Natick, MA 01760
 508-655-3976
fred@cowenassoc.com

DiBlasi Associates, P.C.
www.dibiasi-engrs.com
 Thomas A. DiBlasi
 500 Purdy Hill Road
 Monroe, CT 06468
 203-452-1331
TomD@DiBlasi-Engrs.com

Engineering Solutions, LLC
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 John M. Joyce
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 Oklahoma City, OK 73116
 405-848-4093
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Ruby & Associates, Inc.
www.rubyusa.com
 David Ruby
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Barter & Associates, Inc.
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 Craig Barnes
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**Criser Troutman Tanner
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 Ronald Hamburger
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 Jon A. Schmidt
 9400 Ward Parkway
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**Construction Technology
 Laboratories**
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Degenkolb Engineers
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 James Malley
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**Dunbar, Milby, Williams, Pittman
 & Vaughan**
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 Nelson Williams
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King of Prussia , PA 19406
610-337-3360
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Thornton Tomasetti
www.thorntomasetti.com
William Bast
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Chicago, IL
wbast@thorntomasetti.com

United Structural Systems Ltd., Inc.
www.ifixfoundations.com
Brian Lockhart
723 Chenault Bridge Rd.
Lancaster, KY 40444
800-555-8970
brianl@ifixfoundations.com



MO

Activity Reports



(SEAOAL) Structural Engineers Association of Alabama

Delegate

Alternate Delegate: Mark O'Barr
 Executive Director: Joanne Williamson
 Email address: jwilliamsonSEAOAL@bellsouth.net

Board of Directors

Bill Wilson, PE, President; Mark O'Barr, PE, President Elect;
 Jason Partain, PE; John Jones, PE; Bart Berneche, PE; Cheryl May, PE; Michael Kingsmore,
 PE; and Robert Whyte, PE

Details

Year of Formation: 1998
 Total Number of Members: 130
 Annual Dues: Professional: \$85
 Associate \$35
 Affiliate: \$150
 Retired: \$25 & Student: \$15

Awards Program

Meeting Schedule

Board meets quarterly; Annual Expo & Conference in August and 3 continuing education seminars yearly

List of Active Committees

SEER; Task Committee to review the proposed Alabama law changes; Starting of Young Member Group

Previous Year's Activities

Seminars: Guide to the Design of Diaphragms, Chords & Collectors based on the 2006 IBC and ASCE/SEI 7-05 and Semi-Rigid Diaphragms & Other Practical Structural Engineering Design Examples based on the 2006/2009 IBC & ASCE/SEI 7-05 - Dr. Tim Mays, speaker; Annual Conference & Expo: ASCE 7-10 & Wood Design; Acceptance Criteria & Evaluation Reports ICC-ES; Standards for Treated Wood & the Evolving Marketplace; Top 10 Framing Errors & Designing; Specifying Glued-Laminated Timber and November 8, 2011 Seminar: ATC-45 & ATC-20 – Ed Huston, PE SE, speaker

What was the most valuable member program or service that you offered this year? Our focus for the past 3 years is to provide the best professional development seminars with nationally known speakers that cover timely topics that are of state and national consequence.

(SEAAK) Structural Engineers Association of Alaska

Delegate

Alternate Delegate
Email address

Collin Dey, President
Jesse Gobeli, Vice President
Collin.Dey@bp.com

Board of Directors

Jared Keyser, Past President, Anchorage, AK
Danny Graham, Anchorage, AK
Amy Kilcline, Anchorage, AK
Pat Reinard, Fairbanks, AK
Ed Coffland, Juneau, AK

Details

Year of Formation	2006
Total Number of Members	66
Annual Dues	\$90 / year
Meeting Schedule	Bi-monthly

List of Active Committees

Education, Legislative, Code, Public Affairs

Previous Year's Activities

Structural Engineering license in Alaska

What was the most valuable member program or service that you offered this year?

Public comments / position statements on the proposed discipline specific structural engineering license in Alaska.

Sponsoring of a Masonry Design Seminar in Anchorage and Fairbanks.

Establishment of local website, www.seaak.org

(SEAOA) Structural Engineers Association of Arizona

Delegate

Alternate Delegate:
Executive Director:

Fredric W. Sobottka, P.E.
Ron Schneider, P.E.
Jim Rogers

Board of Directors

John Woodson – President
Allan Ortega – Vice President
Tres Warner – Past President
Jeff Messier – Secretary/Treasurer
Mike Lu – Director
Ben Crellin – Director
Richard Dahlmann - Director

Details

Year of Formation: 1965
Total Number of Members 151

Annual Dues

Full Member	\$100
Junior Member	\$75
Affiliate Member	\$110
Associate Member	\$100
Corporate Membership	\$750

Awards Program

SEAOA's awards program mimics NCSEA's program so entrants can submit their entries to the NCSEA awards program with minimum changes.

Meeting Schedule

8 monthly meetings (each chapter) and an annual state convention, winter and Spring Seminars (Phoenix Chapter)

List of Active Committees

Membership, Building Codes, Scholarship, Legislative, Awards, Website, Programs, SEERP, Convention

Previous Year's Activities

SEAOA overhauled the organizations by-laws updating them and gaining membership approval.

The scholarship committees remain active. The state chapter funds the local chapters to award a \$1000 scholarship each semester to each of the three state universities, ASU, NAU, and U of A. The local chapters fund an additional \$1000 scholarship each semester as well.

While informal, our advocacy volunteers reach out the community and future structural engineers. Pam Kotrys also organizes a group to conduct structural engineering related activities each year during Engineers Week at the AZ Science Center.

The AZ State SEAOA Convention was held in June in Tempe this year. The event was held at The Marriott Buttes Hotel. Structural Engineers from other states are always welcome to attend. Information can be found on the SEAOA website, www.seaoa.org

Our 8 monthly membership meetings provide continuing education and networking opportunities and are well attended. They also allow members to keep abreast of the latest technology and tools available as vendors and product manufacturers

present at some of the meetings.

The SEERP Committee continues to develop under the guidance of Fred Nelson. The committee consists of 8 members who meet on a bi-monthly basis.

What was the most valuable member program or service that you offered this year? The annual SEAoA State Convention is the most valuable program for SEAoA each year. It provides affordable continuing education opportunities to its members.

(SEAoAR) Structural Engineers Association of Arkansas

Delegate

Alternate Delegate
Email address

Jason C. Johnston
Paul D. Fleming
jjohnston@garverusa.com

Board of Directors

Past President - Michael Callahan
President - Jason Johnston
Vice President - Paul Fleming
Secretary - Blake Allred
Treasurer - Greg Sellers
Director - Fred Hegi
Director - Kent Shreeve
Director - Todd Robbins

Annual Dues

Professional - \$90
Associate (EIT or Student) - \$70
Affiliate (Sponsoring Organization) - \$300

Details

Year of Formation: 2006
Total Number of Members: 68
Awards Program: No
Meeting Schedule: Meetings are typically held the third Thursday of each month which include a one to two hour technical presentation. An annual meeting is held in November that includes several technical presentations.

List of Active Committees

Special Inspection Guidelines
Advocacy
Continuing Education

Previous Year's Activities

OCT 2010 - Lateral Load Resistance in Wood Construction
NOV 2010 - Annual Conference - Concrete Reinforcing FAQs, SE Licensure, ASU Civil Engineering Program & Steel Bridge Competition, Wood Framing Systems-Problems & Solutions, and Some Lessons We Have Learned (by SEAoAR senior engineers)
JAN 2011 - IBC Requirements for Concrete Anchorage
FEB 2011 - Fiber Reinforced Polymer Composite Structural Products
MAR 2011 - NCSEA Webinar - Understanding & Making Full Use of ASCE 31 & 41
APR 2011 - Earth Retention, Micropiles, and Ground Improvement Techniques
MAY 2011 - Engineered Wood and Wood Connectors
JUN 2011 - NCSEA Webinar - The AISC Seismic Provisions: Past, Present, & Future
JUL 2011 - NCSEA Webinar - It Just Ain't So: Welding Myths that Structural Engineers Need to Know About
SEP 2011 - ECOSPAN® Composite Floor System
OCT 2011 - NCSEA Webinar
NOV 2011 - Annual Conference

What was the most valuable member program or service that you offered this year?
Practical, convenient, and affordable continuing education.

(SEAOC) Structural Engineers Association of California

Delegate

Alternate Delegate

Bill Warren Bill@sesol.com

Norm Scheel Norm@nsse.com

Board of Directors

Executive Director - Don Schinske
1020 12th St., Ste. 303
Sacramento, CA 95814
(916) 447-1198
Fax (916) 444-1501
dschinske@seaoc.org

Details

Year of Formation:

1929

Total Number of Members:

About 3600

Annual Dues:

Varies by membership category and regional association. Engineer member categories average around \$200 annually.

Meeting Schedule

Between the state association and the four regional associations, in any year there are roughly 40 general membership meetings each with 60-180 in attendance; 20 seminars each with 15-20 in attendance; 10 business forums each with 15-20 in attendance; and a state Annual Convention with roughly 500 attendees. State technical committees and the Board of Directors each meet four times per year.

List of Active Committees

Structural Standards & six subsets – Seismology, Code, Construction Quality Assurance, Existing Buildings, Wind, Evaluation Reports
Professional Licensing/Certification
Publications
Seminars/Webinars
Public Relations
National Organization Appointments
Disaster Emergency Services
Sustainable Design

Previous Year's Activities

Publications/Seminars

Continued distributing the three-volume 2006 IBC Structural/Seismic Design Manual series providing examples of how to apply the provisions to the 2006 IBC. IBC 2009 update and IEBC SDM in production and likely available mid-2012.

Webinar series presenting the content of the SSDM series is underway through the four SEAOC member organizations.

On-line Blue Book articles at seaoc.org continues to expand in number through the efforts of the Seismology Committee. Hard copy articles can be downloaded through the site and ICC bookstore.

SEAOC also publishes proceedings of the technical programs at the Annual Convention.

Internal/External Communications

The SEAOC website is continually updated to provide access to more information for members and other design professionals as well as the general public, including high school and college students and guidance counselors, with information on the profession.

Maintaining proactive public relations efforts at the state and regional association levels.

Organizational Relations

SEAOE maintains close relations with a variety of national and state organizations in engineering and related fields including NCSEA, NCEES, ICC, ASCE/SEI, AIA(CC), ACEC-CA, CGEA, CALBO, ATC, and CUREe. SEAOE has maintained its representation on relevant national committees, particularly in the area of codes and standards development. Representation continues on state governmental boards and commissions including the Office of State Health Planning and Development, Hospital Building Safety Board, Division of State Architect Advisory Board, Seismic Safety Commission, Building Standards Commission, and Board for Professional Engineers, Land Surveyors and Geologists.

Government Relations

SEAOE Executive Director is a registered lobbyist. SEAOE tracked or actively worked formal position on 30 bill during the legislative year in the areas of licensing, regulatory oversight, school structures, hospital buildings, contracting, liability issues and scope of practice. Efforts are ongoing to lay the groundwork for an SE Practice Act in California.

(SEAC) Structural Engineers Association of Colorado

Delegate

NCSEA Alt. Delegate: G. Brent Norris, P.E., J.R. Harris & Company
Administrative Director: David Poe, PE, Anchor Engineering, Inc.
Caryn Farrell (Part-time) Martin/Martin, Inc.

Board of Directors

The Structural Engineers Association of Colorado (SEAC) is pleased to offer this report to NCSEA for 2011. Our Board of Directors continued its protocol of officer progression from Secretary to Past President over a four year time period. Directors serve a staggered three year term. Continuity of leadership is maintained within the organization with annual elections where the membership votes in one director and the incoming secretary. SEAC also retains a part-time Administrative Director to assist with our activities. Our SEAC leadership for 2011 is as follows:

President: Andrew Kelsey, PE, Ascent Group, Inc.
Vice-President/Treasurer: David Poe, PE, Anchor Engineering, Inc.
Secretary: Jim Ness, PE, Monroe/Newell Engineers
Director 2009-2011: Alexander Abel, PE, City & County of Denver
Director 2010-2012: Robert Leberer, PE, Anderson & Hastings Consulting, Inc.
Director 2011-2013: Stan Welton, PE, Martin/Martin, Inc.
Past-President: Ron Hedrick, PE, Jirsa Hedrick Associates, Inc.

Details

Year of Formation SEAC was formed in 1954 and at that time was restricted to Owners of Structural Engineering firms in the state. In 1992, professional membership was extended to all licensed engineers practicing structural engineering, and an affiliate category was added for E.I.T.'s, and interested parties in related and supporting fields.

Membership

Professional Members:	226
Affiliate Members:	41
Student Members:	4
Honorary Members:	2
Life Members:	5

Annual Dues

Professional/Affiliate in Denver Metro Area	\$140
Professional/Affiliate outside of Denver	\$60
Student	\$30
Business Management Committee (in addition to membership)	\$40
2011 Fall Seminar	\$150

SEAC Activity with NCSEA initiatives

SEAC member Susan Jorgensen is Chair of NCSEA's Licensing Committee.
SEAC member Ben Nelson serves on the NCSEA's Board of Directors.
SEAC member Jerry Maly serves on NCSEA's Existing Buildings/Structural Retrofit Committee
SEAC member John Malcom serves on NCSEA's Continuing Education Committee

Awards Program: No

General Meetings

SEAC holds breakfast meetings for its membership on alternate months (90-100 attend), comprised of a brief business

meeting, followed by an hour-long educational seminar. An annual lunch or dinner meeting is also held near the end of the year and traditionally includes a non-technical presentation. Following are the General Meeting seminar topics held in 2011:

January

Gregg Reese, P.E. (Summit Engineering Group)
 “RTD Light Rail Steel Arch Bridge Launch over 6th Avenue”

March

Brian E. Johnson, P.E. (Autodesk)
 “BIM for Small Firms”

May

Panel Discussion during Joint Meeting with CAGE (Colorado Association of Geotechnical Engineers); Panel included SEAC members Jim Harris, P.E., Ph.D. (J.R. Harris & Co.) and Eric Hanson, P.E. (Anchor Engineering, Inc.), and CAGE members Bob Thompson, MS, P.E. (CTL/Thompson), Frank Harrison, MS, P.E. (Michael W. West & Associates)
 “Geotechnical Investigation and Report Content, Improving Communication Between Geotechnical and Structural Engineers”
 “Temporary and Permanent Retaining Walls, Shoring Systems, and Earth Retention”
 “Ultimate Strength/LRFD/Safety Factors”

July

Dave Anderson, AIA (Anderson Hallas Architects) and Daniel Cooke, P.E. (JVA, Inc.)
 “Dinosaur National Monument Visitor Center Repair and Replacement”

September

SEAC Steel Liaison Committee jointly with RMSCA (Rocky Mountain Steel Construction Association)
 “Steel Lateral Systems” – A report prepared by the committee.

October

Full-day technical seminar
 “Guide to the Design of Diaphragms, Chords, and Collectors Based On The 2009/2006 IBC and ASCE/SEI 7-05” to be presented by Timothy W. Mays, Ph.D., P.E. (NCSEA)
 “Hilti Corporation’s Denver Decking Conference”

November

Annual end-of-year luncheon meeting and entertainment

Committee Activity

Several SEAC committees meet on a regular basis while others meet on an as-needed basis depending on activity. Following are recent activities of active committees:

Business Management: Continued their practice of holding regularly scheduled breakfast meetings on a bi-monthly basis. The committee’s annual business practices survey was completed and distributed to participating committee members.

Steel Liaison Committee: Continues to be highly active and productive. Regularly scheduled meetings take place. Recent projects include the development of a comprehensive comparison study between different types of steel lateral bracing systems and a presentation of the report to SEAC (jointly hosted the September General meeting with RMSCA).

Wind Load Committee: The committee completed its work on a large scale revision to the Colorado “Special Wind Region Map” and has published the map for purchase.

Snow Load Committee: The committee completed its work on a large scale revision to the Colorado “Snow Load Map” and has published the map as part of the Survey of Building Departments in Colorado.

Education Committee: The committee provides organizational assistance for the Fall Seminar and works ongoing to increase university involvement/awareness.

Architectural Liaison Committee: SEAC’s newest committee meets with local AIA chapter members to discuss issues common to the profession.

Building Department Survey: The committee regularly meets with the City of Denver Building Department as they seek input for their Denver Amendments to the 2009 IBC adoption process.

Website

Our website, www.seacolorado.org, was recently updated and upgraded. The website currently contains many pieces of useful information to our members and other engineers interested in the advancement of the structural engineering profession. Interested parties may order several publications from our website, including a comprehensive update to the Colorado Survey of Building Departments with the Colorado Special Wind Region and Snow Load Map data included. Beginning this year,

registration and payment for our events, as well as purchase of our technical documents, is now handled on line through our website.

Endowed student scholarships

SEAC was thrilled to award its second pair of \$2,000 scholarships to Pedro Oronia (University of Colorado-Boulder) and Daryn Hobbs (University of Colorado-Boulder). They also each received a free Student membership to SEAC.

What was the most valuable member program or service that SEAC offered this year?

SEAC presented opportunities for up to ten (10) hours of continuing education for its members in five (5) general meetings on diverse topics and a full-day seminar on 2 topics of particular interest to Colorado engineers. The sessions were valuable as measured by record setting attendance.

(SEC-CT) Structural Engineers Coalition of the American Council of Engineering Companies of Connecticut

Delegate

Richard C. Boggs, PE, SECB, LEED AP (AI Engineers, Inc.),
Former President

Alternate Delegate:

Herbert F. Holz III, PE, SECB (DiBlasi Associates, P.C.),
Immediate Past President

Executive Director:

Paul W. Brady, pbrady@ctengineers.org, (860) 635-5522

Board of Directors

David J. Toce, PE, SECB (Toce Structural Engineering, LLC), President
Douglas S. Graham, PE, SECB (The SLAM Collaborative), Secretary
Joaquin Denoya, PE (DiSalvo Ericson Group), Treasurer
Whitney P. McNulty, PE, SECB (Fletcher Thompson), Director, Events Coordinator
Robert A. Zygmunt, PE, SECB (The SLAM Collaborative), Director
Herbert F. Holz III, PE, SECB (DiBlasi Associates, P.C.), Director, Committee Coordinator

Details

Year Established:

1985

Total Number of Members:

147

Membership Breakdown:

13 Firm Members with 82 Individuals

11 ACEC/PEPP Individuals

47 Associate Members

1 Life Member

2 Retired Members

4 Affiliate Sponsors

Meeting Schedule:

Monthly (Approximately 8 per year)

Annual Dues

Firm Dues: \$140 thru \$220 (Based on number of Engineers)

Individual Dues: \$55 thru \$110

Affiliate Sponsors: \$165

Educators and Retired: \$25

Life and Students: Free

List of Active Committees

Emergency Response (SEER) Group

Chairperson: Kenneth D. Jones, PE (DiSalvo Ericson Group)

Building Code Advisory Committee

Chairperson: Nicolangelo Cuoco, PE, SECB (Cuoco Structural Engineers, LLC)

Special Inspections Committee

Chairperson: Joseph W. Carone, PE, SECB (DiBlasi Associates P.C.)

Advocacy Committee

Chairperson: Richard C. Boggs, PE, SECB (AI Engineers, Inc.)

Threshold Peer Review Committee

Chairperson: Thomas DiBlasi, PE, SECB (DiBlasi Associates, P.C.)

Ethics Committee

Chairperson: Kevin Chamberlain, PE, SECB (DeStefano & Chamberlain Inc.)

Licensing Committee

Chairperson: Robert A. Zygmunt, PE, SECB (The SLAM Collaborative)

Previous Year's Activities

Website: SEC-ACEC/CT maintains an organizational website (www.ct-sec.org) containing a current calendar of events, committee activities and relevant links.

Continuing Education

SEC-ACEC/CT continues as a Continuing Education sponsor for Professional Engineering by the New York State Education Department. This allows our members to receive Continuing Education credit for programs offered by SEC-ACEC/CT, which can be applied to the renewal of their New York State PE license. SEC-ACEC/CT provides PDH certificates for all of its technical meetings

Committee Activities

Emergency Response Group (ERG): Maintained a group of over 40 volunteer licensed structural engineers to respond to natural or man-made disasters affecting structures. Continued to maintain an updated operations manual for the group based on the NCSEA SEERPlan Manual. Developed and adapted communications systems to alert membership to an emergency that may require our involvement. Successfully lobbied the State Legislature to enact "Good Samaritan" Laws for structural engineers in emergency situations. Continues to work with the Connecticut Department of Emergency Management and Homeland Security to establish a Memorandum of Understanding to initiate a deployment of the group for a state emergency. Currently working to procure a seminar on ATC-45, Safety Evaluation of Buildings after Wind Storms and Floods, to present to the group members to improve our capabilities. Recently mobilized in preparation of arrival of Hurricane Irene, but fortunately the group was not called into action.

Building Code Advisory Committee: This standing committee serves to review and propose modifications to the State Building Code (based on the I-codes) during each code adoption cycle. Currently, the committee is actively reviewing the 2012 IBC for adoption in Connecticut. The committee had just completed its review of the IBC 2009 and drafted about a dozen code modification proposals related to structural issues; however, the State decided to pursue adoption of the IBC 2012 in lieu of the IBC 2009. Work is ongoing. Our proposals will be considered by the State Codes & Standards Committee for incorporation into the next State Building Code. The Code Advisory Committee also responds to requests for reviews and opinions from the State Building Inspector.

Advocacy Committee: Focuses on enhancement of understanding of the role of the structural engineer on the part of clients, educators, students and the general public. The primary goal of this committee to date has been to strengthen the relationship between professional structural engineers and local students and educators.

Special Inspections Committee: This committee was instrumental in creating and updating the Statement of Special Inspections forms in conjunction with the CASE Special Inspections Committee. The committee is planning to undertake the task of establishing more consistent practices for testing and inspection reports for the various parties involved in the special inspections process.

Threshold Peer Review Committee: This committee published Recommended Guidelines for Conducting an Independent Structural Engineering Review in the State of Connecticut, which contains recommended practices for implementing code-mandated structural peer reviews. The guidelines are available on our website (www.ct-sec.org). This committee also works to resolve questions from members as they utilize the guidelines.

Ethics Committee: This committee has been created to establish a Code of Ethics for the organization. The committee is currently reviewing the NCSEA Model Code of Ethics for adoption and expects to submit their recommendation to the Board of Directors by the end of 2011.

Licensing Committee: This committee was formed early in 2011 following a presentation by Barry Arnold entitled Separate Licensing for Structural Engineers, which educated our membership about licensing issues and described efforts made to date by NCSEA and other states to encourage regulators and the general public to support SE licensing. To date two meetings have been held to define goals and develop strategies for the difficult process of implementing a limited practice act in the State of Connecticut.

Technical Program Schedule 2010-2011

September 15, 2010

Pre-Engineered Mechanical Steel Connections

Speaker: Frank Buck, LNA Solutions

Courtyard by Marriott Cromwell, CT

October 13, 2010

SEC PANEL DISCUSSION: Electronic Steel Shop Drawing Review

Speakers: Peter Griem – Hoyle, Tanner & Assoc.

Carl Tavarozzi – T&T Structural, Inc.

Jeff Parnell – Shepard Steel

Don Doeg – Updike, Kelly & Spellacy

Herbert F. Holz III – DiBlasi Associates

Four Points Sheraton Meriden, CT

November 18, 2010

Separate Licensing for Structural Engineers

Speaker: Barry Arnold, P.E., S.E., SECB

ARW Engineers, SEAU

Courtyard by Marriott Cromwell, CT

December 8, 2010

Holiday Party/Committee and Officer Reports/State Building Inspector Update/NCSEA Report

Speakers: SEC President Herb Holz, P.E., SECB

Committee Chairpersons

New Haven Lawn Club New Haven, CT

February 9, 2011

2009 IBC "Alternate Method of All-Heights" Wind Design

Speaker: Ed Huston, P.E., S.E.

Smith & Huston, SEAW

Holiday Inn North Haven, CT

March 9, 2011

New Details for Masonry Construction

Speaker: Richard Filloramo

International Masonry Institute

Crowne Plaza Hotel Cromwell, CT

April 13, 2011

Light Structures and Structural Glass

Speaker: Michael Stein, P.E.

SchlaichBergermann and Partner

Holiday Inn North Haven, CT

May 18, 2011

The AISC Direct Analysis Method

Speaker: Jason Ericksen, S.E.

CSC, Inc.

Courtyard by Marriott Cromwell, CT

June 7, 2011

Replacement of the Pearl Harbor Memorial Bridge ("Q" Bridge) –

Presentation and Tour

Speaker: Brian Mercure, Assistant District Engineer, ConnDOT

ConnDOT field office and Q Bridge Construction site New Haven, CT

(DVASE) Delaware Valley Association of Structural Engineers

Delegate

Alternate Delegate:
Executive Director:
Email address:

D. Kirk Harman
Paul Constantini
Patty Barr Russo
pattyrusso@yahoo.com

Board of Directors

Paul Constantini, President
Peter Welsh, Vice President
Christopher Shaffer, Treasurer
Richard J. Morton, Secretary

Details

Year of Formation: 1991
Total Number of Members: 175
Annual Dues: Membership form attached
Awards Program: Annual Dinner and Awards in May each year

Meeting Schedule

6 Educational Breakfast Seminars per year (1 hour each)
1 or 2 tours of interest
Annual Golf Outing in September
1 Half Day National Seminar
1 Webinar or Distance Learning Seminar

List of Active Committees

Golf Outing, Website, Awards, Annual Dinner

Previous Year's Activities

Six breakfast seminars were held featuring technical issues/products/ manual updates, legal issues, and other challenges facing the profession. DVASE hosted a half day seminar featuring Timothy Mayes. Our annual awards dinner was held in May.

What was the most valuable member program or service that you offered this year?

Our PDH credits for the breakfast seminars have become more valuable as Pennsylvania now requires reporting on PDH credits for license renewal.

(FSEA) Florida Structural Engineers Association

Delegate

Executive Director
Email address

Thomas A. Grogan Jr, PE, SE
Christine Olden
fseadirector@aol.com

Board of Directors

Amy Miller, PE (president); Thomas A. Grogan Jr., PE, SE (past-president); Glenn Amore, PE (president-elect); Pablo Carreno, PE (treasurer); Scott Martin, PE (secretary); Ronald Milmed, PE (director); Chris Pfeil, PE (director); Fred Bowen, PE (director); Richard Barrow, PE (director); Matt Lowe, PE (director); Mark Scala, PE (director); Roberto Hernandez, PE (director)

Details

Awards Program:	No
Year of Formation:	1996
Total Number of Members	286 without students; 305 with students
Annual Dues:	Registered PE: \$135.00 Associate: 1-5 Years Experience = \$75.00 Associate: 5+ years experience = \$135.00 Affiliate: \$ 135.00 Student: \$ 10.00 Sustaining: \$200.00 Life or Honorary: No Dues

Meeting Schedule

Quarterly state board of director's meetings; monthly Chapter meetings

List of Active Committees

Separate Licensure Committee; Scholarship Committee; SEER Committee; Peer Review Committee; FBPE Oversight & Advisement Committee

Previous Year's Activities

Newsletters; State-wide seminars; College Scholarships

What was the most valuable member program or service that you offered this year?
ICC Disaster Response Certification Program

(SEAOG) Structural Engineering Association of Georgia

Delegate

John Hutton
 Alternate Delegate: Robert Weilacher
 Executive Director: Albert Lagerstrom
 Email address: lainc@bellsouth.net

Board of Directors:

Kurt Swensson, President
 Robert Weilacher, Vice President
 Paul Shelton, Secretary
 Michael Planer, Treasurer
 Eric Hagberg, Director
 Robert Power, Director
 Wilbur Bragg, Director

Details

Year of Formation: 1991
 Total Number of Members: 115
 Annual Dues: \$75
 Awards Program: No

Meeting Schedule

Monthly, September thru May, except December

List of Active Committees

Structural Engineering Emergency Response
 Board of Registration Affairs
 SE Licensing
 Programs
 Georgia Engineering Alliance Legislative Council

Previous Year's Activities

Membership Meetings:

Observations from Structural Engineers on Haiti Earthquake
 Composite Materials
 Engineering Ethics: Challenges for Structural Engineers
 The Architect's View of Structural Engineering Firm Risks
 Product Improvements via Technological Advancements in Pre-Cast Cell Construction
 Good Samaritan Laws
 Wireless and Mobile Sensors for Smart Civil Structures
 Design and Construction of Nuclear Plant Vogtle 3 & 4.

Seminars:

ATC 20/45 Training

What was the most valuable member program or service that you offered this year? Membership meetings and seminars providing pdh's.

(SEAOH) Structural Engineers Association of Hawaii

Delegate

Alternate Delegate
Email address:

Gary Chock
Wesley Segawa
structures@martinchock.com, seah@lava.net

Board of Directors

President Brian Ide 536-2108 brianide@allisonide.com
Vice President Wesley Segawa 935-4677 hilo@wrsa.biz
Secretary Grant Okunaga 488-7579 grant@mkellc.com
Treasurer Danny Fujioka 536-2626 dannyf@nagamineokawa.com
Director Les Kempers 682-6000 lkempers@gprmp.com
Director Kimo Scott 671-2886 okhardwr@hawaiiantel.net
Director Aaron Erickson 591-2728 aerickson@wje.com
Director Linda Moran 676-1963 lmoran@hawaii.rr.com

Details

Year of Formation: 1970
Total Number of Members: 167
Annual Dues: \$60
Awards Program: None
Meeting Schedule: General Membership Quarterly; Board Monthly

List of Active Committees

Legislative Committee
Disaster Response Committee
Hawaii Council of Engineering Societies
Membership Committee
Scholarship Committee
Web Site Committee

Previous Year's Activities

- Annual Convention (Oahu)
- Representation by Gary Chock on the Hawaii State Building Code Council that implemented a comprehensive statewide building code.
- Member participation on State Civil Defense earthquake advisory committee.
- Various technical seminars
- WCSEA and NCSEA Annual Meetings

What was the most valuable member program or service that you offered this year? Voluntary continuing education being a primary membership benefit, we organize and sponsor at least 6 technical seminars an/or luncheon programs per calendar year, and member turnout is usually good. We usually sponsor these seminars with other professional organizations

- 1) - Special Inspection of Structural Masonry Feb. 4, 2011
- 2) - Joint ASCE-SEAOH meeting on Hybrid Masonry Structural Systems March 31, 2011
- 3) - Macsteel Hot Dip Galvanizing Plant Field Trip May 4, 2011 .
- 4) - ATC-45 Training Webinar on "Safety Evaluation of Buildings After Wind Storms and Floods" June 29,2011
- 5) - USP Structural Connections – Structural Connector Design and Specification Seminar and Workshop July 14, 2011
- 6) - SEAOH Annual Convention August 4-5, 2011

- 7) - SEA/OH/CCPI Seminar on Concrete Specifications with guest speaker Ken Hover, President of ACI August 17, 2011
- 8) - AISC Structural Steel Seminar – “Effective Steel Design: Step-by-Step Design of a LowRise Office Building with Seismic Considerations” November 9, 2011

(SEAI) Structural Engineers Association of Idaho

Delegate

Sarah McClendon

Board of Directors

Brian Garner – President
Patrick Bird – Vice-President
Robert St. Michell – Secretary
Tyler Haney – Treasurer
Wilson Antoniuk – Director
Dave Haugland – Director
Heather Strong – Past President

Details

Year of Formation: 1978
Total Number of Members: 82
Annual Dues: \$60
Meeting Schedule: 3rd Thursday of each month @ 12:00-1:00pm, September- May

List of Active Committees

Past President Advisory Committee
Program/Seminar Committee
Technical & Education Committee
SEER Committee
QBS Committee
Building Code Committee
Membership Committee
Newsletter/Website Committees

(SEAOI) Structural Engineers Association of Illinois

Delegate

Executive Director:

Ken Nizamuddin
Elizabeth O'Connor
eoconnor@seaoi.org

Board of Directors

President-Elect – Ken Nizamuddin
President: Shane Farr
Treasurer – John Duntemann
Directors: Todd Alwood, Jan Blok, David Bibbs, Brian Dekker, Lauren DiPalma, Salvatore DiBernardo, Larry Dietrick, Steve Elver, David Horos, Dipak Shah, Tony Shkurti, Craig Vespa

Details

Year of Formation: 1965
Total Number of Members 809
Annual Dues \$0-265 (less class discount of up to \$30)
Awards Program: Yes
Meeting Schedule: monthly Board meetings, monthly (Sept-May) dinner meetings, Annual Banquet (June), Trade Shows

List of Active Committees

Annual Meeting, Awards, Building Codes, By-laws, Continuing Education, Government Relations, Membership, Nominating, Program, Public Relations, Publications, Structural Engineers Exam, Young Engineers Committee. The organization also provides support for the Structural Engineers Foundation and the Structural Engineers Political Action Committee.

Previous Year's Activities

Continuing education programs, lectures, dinner meetings, Trade Show, Awards Banquet, Awards Competition, Refresher Exam (for engineers planning to sit for the SE exam)

What was the most valuable member program or service that you offered this year?

SE Review Course, Central Chapter Trade Show (new in 2011) along with all existing programs.

(ISEA) Indiana Structural Engineers Association

Delegate

Kurt Heidenreich, PE, SE
kurt@engineeringresourcesinc.com

Board of Directors

President: Kurt J. Heidenreich, PE, SE
Past President: James N. Lewis, PE
Treasurer: Robert Ladisich, PE, SE
Secretary: James Kirk, PE, SE
Director: George E. Weatherford, PE
Director: Brian L. Elser, PE
Director: William J. Boucher, PE LEED AP

Details

Year of Formation: 2002
Total Number of Members: 46
Annual Dues: \$80
Awards Program: No
Meeting Schedule: Bimonthly meetings w/Annual Spring Seminar

List of Active Committees

Code Committee
Chapter 17 Committee

Previous Year's Activities

Implementing new continuing education requirements for professional engineers in Indiana at our Spring Seminar

What was the most valuable member program or service that you offered this year?

The Annual Spring Seminar is our most valuable member benefit. However, we are actively pursuing implementation of structural testing during construction (Chapter 17 of IBC) which Indiana has eliminated from code requirements, due to conflicting language with current state law.

(SEAIA) Structural Engineers Association of Iowa

Delegate

Submitted by: Eric Horlyk, P.E.
Delegate: Eric Horlyk
Alternate delegate: N/A
Executive Director: N/A

Board of Directors

Tom Bosch
Eric Horlyk
Ashley Gregory

Details

Year of Formation: 1968
Total Number of Members: 34
Annual Dues: \$50
Meeting Schedule: Second Wednesday of every month
List of Active Committees: Membership
Continuing Education
Legislative
Code

Previous Year's Activities

Revised our By-Laws to reflect changes due to technology. Developed a website for SEAIA.
Helping the State of Iowa with implementation of an SE license. Continuing education programs monthly.
Reviewing and attempting to organize an emergency response program for the State of Iowa.

(SEAKM) Structural Engineer's Association of Kansas & Missouri

Delegate

Executive Director: James Palmer
Email address: Tracy Palmer
exec_dir_seakm@sbcglobal.net

Board of Directors

Steve Ashton President, Doug Ashton VP, Brent Perkins Secretary, Curtis Geise Treasurer,
Snehal Kadam Director, John Falkenrath Director, Dennis Cook

Details

Year of Formation: 2001
Total Number of Members: 176
Annual Dues: \$70
Awards Program: annually
Meeting Schedule: monthly

List of Active Committees

University Relations
Codes and Ethics
Member Services
Professional Practice
Programs

Previous Year's Activities

Monthly chapter and Board meetings and Annual Meeting in Wichita

What was the most valuable member program or service that you offered this year?
Progress towards SE in Missouri and Kansas

(SEAoK) Structural Engineers Association of Kentucky

Delegate

Alternate Delegate

Kelly B. Gardner, PE

Mark Caldwell, PE

Board of Directors

Mark Caldwell

Tahne Flaherty

Kelly Gardner

Matt Craig (chair)

Kyle Beasley

Roger Ballard

Chella Subram

John Schweri

Details

Year of Formation:

1993

Total Number of Members:

55

Annual Dues:

Member	\$85
Associate	\$50-\$85
Affiliate	\$85
Student	\$10
Retired	\$10
Sustaining	\$225

Awards Program:

no

Meeting Schedule:

Periodic (basically monthly) with most "Go-To-Meeting" online access.

List of Active Committees

Membership

Special Inspections

Website

SEER

Scholarship

Conference Planning

Previous Year's Activities

Board meeting followed by 1 to 1.5 hours of professional development/CEU presentations. Attended/had booth at the Engineering Expo at the University of Louisville; added 5 UL student members

What was the most valuable member program or service that you offered this year?

Annual Conference that provided up to 15 PDH opportunities.

(SEAoL) Structural Engineers Association of Louisiana

Delegate: Russell Gardner
Alternate Delegate David Soulier

Board of Directors

Russell Gardner
David Soulier
Larry Jones
Bob Fenner

Details

Year of Formation: 2003
Total Number of Members: 20
Awards Program: no
Meeting Schedule: Monthly

Annual Dues

\$70 for returning 2010 members
\$50 introductory for new 2011 members
\$50 for associate members
\$30 for student members
\$150 for affiliate members

List of Active Committees None

Previous Year's Activities

Continued attempts to revitalize SEAoL through new membership drive with reduced dues; scheduling continuing education seminars and webinars to increase meeting attendance

What was the most valuable member program or service that you offered this year? PDH/continuing education seminars and webinars

(SEAM) Structural Engineers Association of Maine

Delegate

Alternate Delegate:
Executive Director:

Greg Cuetara, P.E., S.E.
Mark Gray, P.E.
N/A

Board of Directors

President: Greg Cuetara, P.E.
Secretary: Mark Gray, P.E.
Director: Aaron Jones, P.E.
Director: Francis Mackell, P.E.
Director: James Hall, P.E.

Details

Year of Formation: 1991
Total Number of Members: 89
Annual Dues: \$60
Awards Program: no
Meeting Schedule: Monthly September through April
List of Active Committees: Special Inspections Task Force

Previous Year's Activities

This past year SEAM has had varying seminars from a Wood rehabilitation seminar, Tim Mays presenting Semi-Rigid Diaphragm and other practical engineering design examples, and the direct analysis method. SEAM has also been involved with the New Statewide building code adoption and efforts to remove the building code all together. We were successful with the help of other organizations to keep the State wide building code in place for municipality's over 4,000 people.

(SEAMass) Structural Engineering Association of Massachusetts

Delegate

Edward Moll, P.E.
 Alternate Delegate:
 Executive Director: Richard M. Croswell, P.E., SECB
 Email address: president@seamass.org

Board of Directors

President: Richard Croswell, P.E., SECB
 Vice President: Wayne Siladi, P.E.
 Treasurer: Mehul Dhruv, P.E., SECB
 Secretary: Michael Fillion, P.E., SECB
 Directors: Joe Zona, P.E., Garrett McClean, P.E., Jennifer McClain, P.E., Fred Cowan, David Berg, P.E., Edward Moll, P.E., Adam McCarthy, P.E.

Details

Year of Formation: BASE 1950's, SEAMass 2006
 Total Number of Members 126
 Annual Dues: \$50
 Awards Program: No
 Meeting Schedule: Monthly

List of Active Committees: Membership, Programs, Nominating, SEER, Structural Advisory

Previous Year's Activities

May: 29th Annual Steel Design & SFNE Conference
 June: Tim Mays Diaphragm Seminar, Tour Nucore Steel Mill
 September: BASE/SEAMass Dinner Meeting, Steel Day
 October: 8th Edition of Mass State Building Code
 November: SGH Testing Lab Tour, BASE/SEAMass Dinner Meeting
 January: Matthew Bronski, In the Footsteps of Vitruvius
 February: Ed Huston, Wind Load Design
 March: Tim Macfarlane, Structural Glass Engineering
 April: Timothy Mays, Semi-Rigid Diaphragms, Seismic Joints, Simplified Dynamic Analysis
 May: SEAMass Annual Meeting, Eric Hines Wind Turbine Blade Testing Facility,
 30th Annual Steel Design SFNE/AISC/SEAMass Event at WPI
 June: Mark Webster & Matthew C. Carlton at SG&H Cafeteria

also: Hired Executive Administrator (Kristie Janes), and got NCSEA Diamond Review approved

What was the most valuable member program or service that you offered this year? International Existing Building Code Seminar (Sept.)

(SEA-MW) Structural Engineers Association of Metro-Washington, DC

Delegate

Alternate Delegate: W. Eric Rathgeber, SE, PE
 Executive Director: None
 Email address: Matthew Daw, PE
 mdaw@keasthood.com

Board of Directors

Matthew Daw, PE
 Frank Malits, PE
 Michael Goss, PE
 Don Gray, PE
 Wayne Stocks, PE
 Justin Domire, PE
 Douglas Lauer, PE
 Peggy Van Eepoel, PE
 Tom Bouffard, PE
 Michael Paczak, PE

Details

Year of Formation: 1988
 Total Number of Members: 64 Member Firms
 Annual Dues: \$100
 Awards Program: Annual Excellence in Structural Engineering Awards Gala
 Meeting Schedule: Board meets 7 times per year; General Meetings 6 time per year.

List of Active Committees

Code Liaison
 Nominations
 By-Laws
 Outreach
 ESE Awards
 Programs
 Membership

Previous Year's Activities

1. AIA Contracts Update & Project Delivery;
2. Reading the Tea Leaves - Recession, Recovery and Change;
3. Good Samaritan Law Discussion;
4. DC Building Code Adoption Update;
5. The Rewrite of ACI 301-10: Time to Make the Change;
6. Closed Claim Forum;
7. ESE Awards Gala;
8. "Rebuilding Together" April 2011

What was the most valuable member program or service that you offered this year?
 Building Code Updates

(SEAMi) Structural Engineers Association of Michigan

Delegate

Alternate Delegate

Jamie Fox, P.E.

Brian Quinn, P.E.

Board of Directors

Larry Hulst, P.E. President (JDH Engineering, Grandville, MI)

Matthew Rechten, P.E., President-Elect (Bodman Law Firm, Detroit, MI)

Brandon Hildreth, P.E., Secretary (Prein & Newhof, Grand Rapids, MI)

Rich Kipke, P.E., Treasurer (Graitec, Rockford, MI)

Karin Kasper, P.E., Director (Classic Engineering, Grand Rapids, MI)

William Thayer, P.E., Director (Macmillan Associates, Bay City, MI)

John Gruber, P.E., Director (Sheppard Engineering, Troy, MI)

Brian Quinn, P.E., Director (SE Solutions, LLC, Holland, MI)

Jamie Fox, P.E., Past-President (International Industrial Contracting, Sterling Heights, MI)

Details

Year of Formation:

1997

Total Number of Members:

190 (4 out-of-state and 2 Canadian members), increase of 6%

Annual Dues:

\$35 for licensed professionals, \$25.00 for non-licensed engineers

Meeting Schedule:

Normally six or seven program meetings are held each year in both the Detroit area and the Grand Rapids area. Board meetings are monthly and normally held via teleconference

List of Active Committees

Membership Committee

Special Inspections Committee

Building Code Committee

Program Committee

Previous Year's Activities

The Special Inspections Committee has been working for the past few years diligently to put together a comprehensive set of guidelines for special inspections. In March of 2008 the Committee was able to present a draft copy of the guideline to the membership and the Board for comment. We are in the process of finalizing the document and hope to have it completed soon. If any states are interested in viewing what we have created please ask us. This has been a fairly long process that we look forward to completing.

The Building Code Committee was active in the summer of 2009 with the state committee meetings over the summer and there has been some follow up for that. We have a few active participants working with the state.

SEAMi has two active chapters, Southeastern Michigan (mainly metropolitan Detroit), West Michigan (Grand Rapids area). The Program Committee plans all activities.

Southeastern Michigan Chapter Activities:

Corrosion Specialization: Steel Primers, SSPC Preparations, Slip Critical Connections with Coatings

Troy Fraebel, Corrosion Specification Specialist, Sherwin-Williams

September 28, 2010

Lateral-Force-Resisting Systems for Wood Construction

Greg Bundy, Simpson Strong-Tie

October 12, 2010

Engineered Masonry Joint Design

Scott Walkowicz, Walkowicz Consulting Engineers

November 16, 2010

Steel Connections and EAD/2
 Steven Ashton and Michelle McCarthy, Design Data
 March 10, 2011

Hilti Post-Installed Anchors – ACI Appendix D and IBC
 Todd Hamilton, Hilti Regional Engineer
 June 15, 2011

West Michigan Chapter Activities:

Corrosion Specialization: Steel Primers, SSPC Preparations, Slip Critical Connections with Coatings
 Troy Fraebel, Corrosion Specification Specialist, Sherwin-Williams
 September 29, 2010

Lateral-Force-Resisting Systems for Wood Construction
 Greg Bundy, Simpson Strong-Tie
 October 13, 2010

Steel Connections and EAD/2
 Steven Ashton and Michelle McCarthy, Design Data
 March 10, 2011

Hilti Post-Installed Anchors – ACI Appendix D and IBC
 Todd Hamilton, Hilti Regional Engineer
 April 13, 2011

2011 Statewide Meeting: In 2011, SEAMi hosted a State Meeting in metro Detroit and had over 50 attendees from around the state attend for dinner, three presentations and a NCSEA Update from Jim Malley.

Building a Ship in a Bottle - The Accident Fund Company
 Larry Kruth, Douglas Steel and Jeff Gasparrot, Ruby + Associates

Masonry Structural Design Methods and Tools
 Scott Walkowicz, Walkowicz Consulting Engineers

AISC 2010 TR Higgins Lecture “Changes in 2010 Seismic Provisions”
 James Malley, Degenkolb

2011 Awards: In 2011, SEAMi also gave out 2 sets of awards in our Third Annual – a “Young Engineer of the Year” and a “Structural Engineer of the Year” award (one for each category for both the West Michigan and Southeast Michigan Chapters). These awards were presented to structural engineers who are helping make a positive impact in the profession of structural engineering as well as our communities and our world around us. In essence, who would we consider as good role models for others?

Young Engineer of the Year Award Winners:
 Michael Skalsky, SmithGroup, Detroit, MI
 Tim Denhartigh, P.E., URS Corporation, Grand Rapids, MI

Structural Engineer of the Year Award Winners:

Andrea Reynolds, S.E., P.E., SmithGroup, Detroit, MI
 Larry Kruth, P.E., Douglas Steel Fabricating Company, Lansing, MI

Upcoming Activities: Michigan plans on pursuing separate licensure for Structural Engineers in the State of Michigan. A committee looked into this in the past. There is hope to develop a plan of action and a strategy to get this accomplished in Michigan. We are waiting to see how the State Legislature acts on a few issues to see if the opportunity is there.

A full schedule of programs is planned for the 2011-2012 program year with at least 5 programs for each of the active chapters. We are trying to arrange for an ATC-20 training class at some point.

The Board will formally issue the Special Inspections Guidelines produced by the Special Inspections Committee. We would like to publish it to our web page and make it available for members to use as we have done with other documents in the past.

SEAMi is planning a comprehensive overhaul of our website to make it more user-friendly and the place to check regularly for information and activities.

(MNSEA) Minnesota Structural Engineers Association

Delegate

Alternate Delegate
Executive Director
Email address:

Stephanie Young
Greg Greenlee
David Oxley - Executive Director of ACEC/MN
stephanie@mattsonmacdonald.com

Board of Directors

Past President: John Timm - BKBM Engineers
President: Ahmet Senyurekli - Uni-Systems
Vice President: Greg Greenlee - Engineering Partners International
Secretary: Michael Manor - Ericksen Roed

Details

Year of Formation: 1989
Total Number of Members: 43 Member Firms (2 voting members per firm)
Annual Dues: \$150 per Member Firm - \$ 50 per Associate Member
Awards Program: None
Meeting Schedule: Monthly (September thru May)

List of Active Committees

Education

Previous Year's Activities

Council Activities:

1. Monthly meetings were held September through April. Topics are typically geared toward the technical nature of structural engineering. Attendance was good, averaging between 25 to 40 people. Monthly meetings and topics were as follows:

- a. September 2009: "Designing Durable Wood Buildings" by Tom Milton of Woodworks
- b. October 2009: "Concrete Corrosion Technologies" by Tore Arnesen of Vector Corrosion Technologies
- c. November 2009: "Cold Formed Steel Framing Products" by Al LaPlace of The Steel Network
- d. December 2009: "Special Inspections" by Ken Green of MMY, Tom Venema of AET, and Ron LaMere of BKBM
- e. January 2010: "Current Legal Issues for Structural Engineers" by Jeff Coleman of Coleman, Hull & van Vliet
- f. February 2010: "Galvanize It!" by Kevin Irving of AZZ Galvanizing
- g. March 2010: "Taking the Pulse" by Dan Buelow and Robert Stanton of Willis A&E
- h. April 2010: "Durability and Performance of Concrete not Conforming to ACI 318" by Kevin MacDonald of Cemstone

MNSEA hosted four web/teleconference seminars; they were "free" to attendees, including lunch. Attendance was limited to the first 25 people that signed up.

2. The annual seminar will be held on Tuesday, May 17, 2011. The topic will be on "The Design of Diaphragms, Chords, and Collectors" presented by Timothy W. Mays, Ph.D., P.E. Attendees will receive a copy of the design guide published by NCSEA.

3. Minnesota's representatives to the National Council of Structural Engineers Association (NCSEA) for MNSEA.

- a. Stephanie Young is MNSEA's correspondent to NCSEA and is the current voting delegate. She still handles most of the communications between NCSEA and MNSEA.

-
- b. Ahmet Senyurekli and John Timm attended the NCSEA 18th Annual Conference in Jersey City, New Jersey in October 2010
 - c. Joy Beers is the MN representative for the NCSEA Code Advisory Committee for General Engineering. This committee presents recommended modifications to the structural engineering provisions of the model building codes
 - d. Ron LaMere and Andy Rauch continue to be active with national committees; Ron is on the NCSEA QA/SI Subcommittee and serves on SEI's Business and Professional Activities Division (BPAD) Executive Committee

4. MNSEA is not specifically associated with CASE/National; however, Andy Rauch continues to be active in both. He is the chair of the CASE/National Guidelines Committee and as Chair he is also on the Executive Committee for CASE/National. Andy continues to give MNSEA detailed updates on CASE/National activities.

5. Dave Westerheide is our liaison with the American Institute of Steel Construction (AISC).

6. Greg Duerr is the liaison to the Construction Industry Cooperative (CICC).

7. Irene Peterson, Lynn Brekke, and Ross Turner are on the MNSEA membership committee.

8. Brion Szwed is the chairman of the Education Committee.

9. John Timm, as president, represented MNSEA and provided a report at the ACEC/MN Board of Directors meeting in November 2010.

10. The organization enacted a name change from CASE/MN to MNSEA at the December 2010 meeting. This was done to better align the organization with NCSEA, of which we are a member organization, as opposed to CASE/National, with which we have no direct affiliation.

11. A committee formed from within MNSEA to study separate licensing of structural engineers in Minnesota continues to meet monthly. The committee has voted to pursue an SE Title Act in Minnesota and is in the process of developing proposed legislation language to present to the Board of Registration.

12. MNSEA co-sponsored an AISC full-day seminar titled "Design Steel Your Way II" with the MN Steel Fabricator's Group in September 2010.

13. A subcommittee group was formed to review recommended engineering procedures when dealing with structures originally designed for smaller loads than that required by the current code, such as roofs in northern MN that were originally designed for less snow load than currently is required.

14. A \$200 donation was made to the U of M Concrete Canoe Team.

What was the most valuable member program or service that you offered this year? Forming a committee to study separate licensing of structural engineers in Minnesota. The committee has voted to pursue an SE Title Act in Minnesota.

(SEAMS) Structural Engineers Association of Mississippi

Delegate

Email address

H. Jefferson Laird, PE, LEED AP
bill.myers@neel-schaffer.com

Board of Directors

Jerry Montgomery (Pres)
Harlan Dean (VP)
Xan Cutliffe (Treas)
Bill Myers (Sec)
Jeff Laird (Past Pres)

Details

Year of Formation: 2010
Total Number of Members: 31
Awards Program: none
Meeting Schedule: 2nd Thurs ea. mo. (excl. July and Dec.)
List of Active Committees: none

Annual Dues

\$95 (P.E.)
\$50 (E.I.)
\$260 (Corp.)

Previous Year's Activities

Monthly meetings, incl. one half-day geotechnical seminar

What was the most valuable member program or service that you offered this year? continuing education

(SEAMT) Structural Engineers Association of Montana

Delegate

Alternate Delegate
Executive Director
Email address

Tom Abel, P.E.
William Freese, P.E.
Carol Pivonka, P.E.
Carol.Pivonka@eciblgs.com

Board of Directors

Carol Pivonka, PE President
Thomas Abel, PE Vice President
Greg Shavlik, PE Secretary
Janna Moser, PE Treasurer
Matthew Schmidt, PE Past President
Jessie Fortune, PE Director
Matt Miller, PE Director
Will Freese, PE Director
Jason Hicks, PE Director

Details

Year of Formation: 2004
Total Number of Members: 82
Annual Dues: \$75
Awards Program: None
Meeting Schedule: Semi Annual

List of Active Committees

SEER Committee
Snow Load Committee
Building Code
Government Relations
Membership
Continuing Education
Information

Previous Year's Activities

Joint Engineers Conference, Helena, Montana. This is an annual event where engineers from the entire state meet for several days. Educational sessions are offered that count towards PE continuing education requirements. Vendors have displays and sponsor a lunch. SEAMT always invites speakers for the structural track.

Spring Code Class, Bozeman, Montana. Jerry Neville presented a seminar entitled "IBC 2009 Structural Updates". The seminar was paid for by SEAMT and was free to our members.

We are reaching out to young people with a series of simple demonstrations. One is a beam demonstration using a Styrofoam beam which easily breaks. Applying a piece of strapping tape on the underside of the beam makes it much more difficult to break, compression of the upper beam occurs. Applying tape to both sides is yet another demonstration.

The snow load committee is moving slowly to upgrade the Snow Load Finder developed by Montana State University. Work has started on updating the snow load finder. Montana State has sold a copy of the finder to the State of Colorado.

What was the most valuable member program or service that you offered this year?

At the November Joint Engineers Conference we had a list of quality speakers/presenters sponsored by SEAMT. Our speakers were so interesting, engineers from other disciplines came to listen to our speakers instead of theirs.

(SEAON) Structural Engineers Association of Nebraska

Delegate

Email address

Sandi L. Davison
seaon@seaon.org

Board of Directors

President: Sandi Davison
 President-elect: Robert Whorley
 Secretary: Troy Nissen
 Treasurer: Jeff Ehler
 Director A: Peter Vaccaro
 Director B: Mike Naccarato
 Director C: Mike Kuhse
 Director D: Jeff Stevens
 Director E: Nancy Melby
 Director F: Rich Kotan
 Director G: Ken Kilzer
 Director H: Adam Christensen

Details

Year of Formation	2004
Total Number of Members	106
Annual Dues	\$70
Awards Program	No
Meeting Schedule:	Four meetings per year plus an annual Banquet meeting. Also, co-sponsor an annual Structural Engineering Conference with ASCE

List of Active Committees

- Programs and Meetings
- Membership
- Structural Conference
- Professional Practices Codes and Standards
- Website
- Licensing
- Publications/Newsletter
- Student Chapter

Previous Year's Activities

SEAON held 3 meetings throughout the year (technical presentations with a dinner), 1 full day seminar and had an end of the year annual banquet. Our organization continues to update our website, making it easier to navigate and utilize on-line payment services. We provided on-going participation in the State of Nebraska's efforts.

(SENH) Structural Engineers of New Hampshire

Delegate

Alternate Delegate
Executive Director
Email address

Robert H. Durfee, P.E., SECB
Alex Azodi, P.E., SECB
Deb Coon, Administrative Assistant
dcoon@hoyletanner.com

Board of Directors

President, Sean James, P.E.
Vice President, Josh Lund, P.E., SECB
Secretary, Normand Cote, P.E., SECB
Treasurer, Kyle Roy, P.E.
Director at Large, Tony Coviello, P.E., S.E.

Details

Year of Formation: 1995
Total Number of Members: 142
Annual Dues: \$50
Awards Program: No

Meeting Schedule

Five (5) regular meetings held throughout the year in September, November, January, March and May. One (1) technical seminar is held in October and/or March

List of Active Committees:

Professional Development (PD) Committee
N.H. Quality Based Selection (QBS) Coalition
Joint Committee of N.H. Engineering Societies
NCSEA Communications Committee
Bureau of Emergency Management (BEM) Committee
Public Relations (PR) Committee

Previous Year's Activities

SENH is currently represented on the NH Department of Safety Building Code Review Board by member Linda McNair Perry and the NH Department of Safety Manufactured Housing Installation Standards Board by member Fred Emanuel, P.E.
Previous Year's Activities: (Details can be found in SENH Newsletters on www.senh.org)

The September 2010 meeting topic was a joint meeting with the ASCE-NH Chapter on "Sustainability Certification of Civil Engineering Projects" by ASCE New England Director Tony Puntin P.E.

The November 2010 meeting presentation covered "Advanced Composite Systems for Strengthening and Repair of Structures". The presenter was Michael Travis of Fibwrap Construction.

The January 2011 meeting had two presentations. The first presentation "An Overview of the NHDOT Bureau of Bridge Design" was made by Mark Richardson, PE, New Hampshire Department of Transportation. The second presentation was on "Ice Design for Bridge Structures" by Leonard Zabilansky, PE from The Army Corps of Engineers Cold Regions Research & Engineering Laboratory.

The March 2011 meeting was held at the University of New Hampshire. This was a joint meeting with the SENH student members and interested engineering students. Dr. Charlie Goodspeed, UNH Professor, made a presentation on "Research with Full Depth Precast Concrete Panels". Student presentation by Tim Foy on "Structural Models" and by Jason Peddle on "Digital Imaging Correlation" was made.

The May 2011 was the annual meeting with new officers elected. A presentation by Scott Whitaker, Building Systems Consultant on "Cellular Foam Grout for Masonry" was made.

SENH sent two (2) representatives to the Annual Conference in Jersey City, NJ in September/October. They were:

- Bob Durfee, P.E., SECB Delegate
- Alex Azodi, P.E., Alternate Delegate

The SENH PR Committee awarded its fifth annual round of scholarships to two University of New Hampshire (UNH) Juniors who, through their course selection, have designated structural engineering to be the focus of their education. Mr. Curt Spencer and Mr. Aaron Wetherbee will each receive a \$500 scholarship to assist with the financial burdens of pursuing their degrees. They were extended SENH student membership and acknowledged at the annual Engineer's Week Banquet in February 2011 for their scholastic and extra-curricular achievements.

In 2010-2011, SENH sponsored and advised the University of New Hampshire (UNH) students planning and participating the Regional ASCE/AISC Student Steel Bridge Competition that was held in Quebec City in the spring of 2011.

SENH representatives attended the University of New Hampshire (UNH) Engineering, Science and Technology Career and Internship Fairs in the fall of 2010 to share our experience as structural engineers with the students and discuss what SENH had to offer. Student's resumes were gathered and shared with SENH members upon request.

In the coming year, SENH is planning the following meetings:

- September 2011– This will be a joint meeting with the NH Section of the American Society of Civil Engineers (our eighth such joint meeting). The meeting topic will be "The Newington-Dover Bridge & Roadway Construction Project" by Cianbro Construction. A tour of the construction site is planned before the evening dinner meeting and presentation.
- The NH Joint Engineering Societies, which includes SENH, is planning the Fifth Annual Joint Society Conference on October 6, 2011 in Manchester, NH. The program is titled "Sustaining our Future".
- November 2011– The meeting topic will be a business practice related topic.
- January 2012– This is a bridge topic meeting that would include an NHDOT update of state bridge activity, followed by a presentation on a bridge project of interest.
- March 2012– This meeting will be held at the University New Hampshire (UNH) and is part of an outreach effort between SENH and UNH. A similar meeting was held the last two years and is well attended by students and SENH members.
- May 2012– This is our Annual Meeting. New Board members are elected.
- A day long seminar is being considered for Spring, 2012 time frame. Possible topics include: AASHTO Bridge or an update on IBC 2009.

What was the most valuable member program or service that you offered this year?

During the 2010-2011 year, the SENH Public relations Committee totally revamped the website. Three goals were set for the new website:

1. To create a viable and useful area of the website, exclusively for our members.
2. To provide an area for use by the public; to promotion structural engineering proved a means for the public to secure a structural engineer and services from our members
3. To provide a Student Page with information on structural engineering and the promoting of the profession to middle/high school students and college students.

The three goals of the website were achieved. The revamped website was launched in February 2011.

(SEANM) Structural Engineers Association of New Mexico

Delegate

Alternate Delegate: Nicholas Torres
Email address: Rhonda Young
president@seanm.org

Board of Directors

Past President - Vicky Watt, PE
President - Rhonda Young, PE
Vice President - Russell Bausch, PE
Treasurer - Francis Catanach, PE
Secretary - Jennifer Greenleaf, PE
State Director - Nicholas Torres, PE

Details

Year of Formation: 1998
Annual Dues: \$100
Meeting Schedule: 12 Board Meetings per year held first Thursday of month
11 general membership meetings held each year.
Annual meeting held once a year.

List of Active Committees

Membership Committee (Chair: Nicholas Torres)
Scholarship Committee (Chair: Vicky Watt/Rhonda Young)
Special Inspections Committee (Chris Romero/Eric MacFarlane)
SEANM Website Committee (Chair: Francis Catanach)
Annual Meeting Committee (Chair: Rhonda Young)

Previous Year's Activities:

August 2010
Ram Jack of New Mexico
Micropile/Helical Anchor field demonstrations

September 2010
Frank Kozeliski
Review of concrete mix design submittals

October 2010
Greg Boonstra of Hayward Baker
Case studies of local projects

November 2010
Brian Johnson of Autodesk
Integrating BIM and Structural Analysis

December 2010
Robert Crossno, NCSEA / Russell Bausch, RME
NCSEA 5 yr strategic plan

January 2011
Victor Wowk of Machine Dynamics Inc
Structural vibration

February 2011
Eric MacFarlane
ASCE 41 – Seismic Rehabilitation of existing buildings

March 2011
Mike Kelty/Clifford Pettigrew of Western Tech
Testing of Existing Buildings and special inspection

April 2011
Michael Anderson of Terracon
Understanding Geotechnical reports

May 2011
Jeff Wallis of Allstate Steel
Shop visit to Allstate Steel

June 2011
- Annual Meeting

(SEAO NY) Structural Engineer's Association of New York

Delegate

Alternate Delegate:	Erik Madsen
Executive Director:	Scott Hughes
Email address:	Kristin Darga, Jaffe Management admin@seaony.org

Board of Directors

Karl Rubenacker, President
 Scott Hughes, President-Elect
 Kevin Poulin, Past-President
 Douglas P. Gonzalez, Secretary
 Eli Gottlieb, Treasurer
 Vezna Hadzibabic, Director
 Timothy D. Lynch, Director
 Sara Steele, Director
 Jeffrey L Thompson, Director
 Benjamin Pimental, Director

Details

Year of Formation:	1995
Total Number of Members:	402
Annual Dues:	Student: \$25; Associate: \$75; Member: \$150
Awards Program:	Yes, modeled after NCSEA
Meeting Schedule:	Monthly Educational Seminars, monthly board meetings

List of Active Committees

Programs Committee
 Publications Committee
 Codes & Standards Committee
 Education & Outreach Committee
 Sponsorship Committee

Previous Year's Activities

SEAO NY Programs Committee

Programs committee took a number of initiatives this past year to expand and improve SEAO NY events. One of our primary goals was to diversify our events beyond those directly related to the building industry, so we included seminars on bridge engineering, geotechnical engineering, and project management. To reach a wider audience, we increased the number of joint events with affiliated organizations such as American Society of Civil Engineers Metropolitan Section (ASCE Met) and the Institute of Civil Engineers (ICE). For the first time in SEAO NY history, the day long seminar was held in collaboration with 6 different organizations. It offered an opportunity to learn about the local and state public agencies that build and maintain our city's buildings and infrastructure. We launched the inaugural annual Honorary Member Seminar, featuring the distinguished Richard Tomasetti.

In addition to the technical monthly lectures, we also introduced a number of new fun events. The joint pub debate with ICE saw American and British engineers delve deep into the nuances of an engineering issue over some good brew. The welding seminar was sold out within days of its announcement. We also relaunched the SEAO NY Excellence in Engineering Awards at our annual boat cruise around lower Manhattan. The winners will be forwarded to NCSEA for consideration for the national awards.

Summary of Events

09.21.10: SEAO NY Annual Meeting honors Richard Tomasetti, P.E.
 10.19.10: Autoroute 30 Montreal - Design and Construction of St. Lawrence Seaway Crossings

- 10.22.10: Applied Technology Council Forum: Current and Emerging Capabilities in Structural Engineering
 11.16.10: How to Address A Project Emergency
 12.14.10: SEaONY Morning Seminar - Repair & Retrofit of Structures with FRP
 01.18.11: Implementing the 2010 AISC Direct Analysis Method (DAM)
 02.15.11: The Benefits of Seismic Site-Specific Studies for New York City Projects
 02.23.11: Building with New York's Public Sector (Day-long Seminar)
 Presenting agencies included Department of Design & Construction, Economic Development Corporation, Consolidated Edison, School Construction Authority, US General Services Administration, and Lower Manhattan Construction Command Center.
 03.10.11: SEaONY Welding Seminar at Ironworkers 40 & 361 Training Facility
 03.29.11: Pub Debate with ICE - Tall Buildings are an Extravagant Waste
 04.19.11: Emerging Trends in Steel Reinforced Concrete
 05.03.11: BRIDGE Seminar: Challenges with Design & Construction Analysis of Bridges
 05.12.11: SEaONY Morning Seminar: Building Facades and the DOB
 05.17.11: How High Can We Go – The Limiting Design Factors for Tall Buildings
 06.06.11: SEaONY Annual Boat Cruise and Excellence in Structural Engineering Awards Dinner
 06.16.11: Wind – Accidents, Investigations and Code Issues
 06.20.11: SEaONY Golf Outing
 07.27.11: The Unbeatable Lightness of Engineering - Recent Developments in Facade Engineering

SEaONY Education and University Outreach Committee:

As one of the newest SEaONY committees, the Education and University Outreach Committee just completed its' 2nd active year. In these two short years, committee has focused on establishing a relationship between SEaONY and the NYC Metro area universities in hopes of attracting more student members to the organization, creating a dialogue between universities and engineering professionals, and eventually influencing curriculum to reflect the ever-changing academic landscape of structural engineering. This year, the committee hosted two very successful events; the panel "Top 5 Things You Need to Know After You Graduate Engineering School" and the scavenger hunt, "Structure Quest 2011".

SEaONY Publications Committee:

The SEaONY publication, Cross Sections, exists to create awareness of past SEaONY events, spread technical knowledge, promote local practice through the acknowledgement of achievements (such as awards) and report on relevant current events and their implications to the local industry. Since the end of last fiscal year, (3) issues have been published and distributed to the membership. Feature article topics included SEaONY events (such as a trip to an iron worker shop to learn welding), the NCSEA conference hosted in October 2010, glass engineering, and high strength concrete. For the spring issue, the Cross Sections visual brand was refreshed to project an up-to-date image for both the publication and SEaONY as a whole. The publications staff includes writers from typically five to seven local firms at any given time.

The primary goal for the next year is increasing frequency of the publication to achieve a true quarterly schedule. This will enable the publication to give more timely recaps of SEaONY events, and will increase the volume of technical content that may be published within a year.

SEaONY Sponsorship Committee:

The SEaONY Sponsorship Committee, despite a terrible economic climate, has within the past three years quickly established itself as a quiet but powerful force behind SEaONY. The Committee raised approximately \$40k this past fiscal year for SEaONY and assists the organization in paying bills to pay our executive director, maintain the website, host events and perform functions we consider necessary to helping the structural engineering community advance.

SEaONY Codes & Standards Committee

After many years off, the Codes and Standards Committee reformed two years ago to begin reviewing the NYC Building Code in comparison to the IBC 2009. At roughly the time this task was completed, the NYC Building Department gathered a group of professionals to assist in revising the code. The structural committee already had the work of SEaONY to aid it, which is greatly expediting the work of the structural group. The Building Department has taken notice and we hope this will increase the respect and communication between the Building Department and SEaONY in future years not just in code advising, but in all items of structural engineering import.

What was the most valuable member program or service that you offered this year? Most valuable program was the day long "Building with New York's Public Sector" - a collaboration with six government organizations to discuss how buildings, construction, administration and governmental organizations approach and deal with construction in New York City
 SEaONY's 2010-2011 Year in Review

(SEAoNC) Structural Engineers Association of North Carolina

Delegate

Alternate Delegate: Matthew S. Hickey, PE
 Executive Director: President: Clinton Robertson, PE
 Email address: clintonrobertson@gmail.com

Board of Directors

President - Clinton Robertson, PE
 VP - Chris Bathgate, PE
 Treasurer - Matthew Hickey, PE
 Secretary - Don Woods, PE
 At Large - Mervyn Kowalsky, PhD

Details

Year of Formation: 2009
 Total Number of Members: 107
 Annual Dues:
 \$50 for professional members
 \$15 for student members
 \$0 for Engineering Educator Members
 Awards Program: none.
 Meeting Schedule: Chapters meet on monthly/bimonthly schedules
 List of Active Committees: none.

Previous Year's Activities

State Activities: Educational (PDH) meetings at five chapters throughout the year. Charlotte Chapter - tour of local steel fabrication shop (Steelfab). Raleigh Chapter--for 2011-2012, has established a partnership with NC State University senior design class, advising Senior design project teams on a weekly basis.

Annual Conference was a one-day event in Wilmington, NC at Wrightsville Beach, including presentations from several academic and industry speakers on topics related to coastal construction, including liquefaction, high-wind design and forensics. Membership year is now Sept. to August. New officer elections are now set for end of October 2011 for 2011-2012 membership year.

What was the most valuable member program or service that you offered this year? 3rd Annual Conference, which included multiple presentations for PDH credit, opportunities to meet with vendors/material and product suppliers, and an update from the board for members. Attendance was approximately 54.

(SEAO) Structural Engineers Association of Ohio

Delegate: Dave Ferencik
Alternate Delegate: Frank Monostra
Email address: seao@seao.org

Board of Directors:

Majed Dabdoub
 Frank Monostra
 Mark Churpek
 Brad Boomer
 Jason Hoover
 Walt Heckel

Details

Year of Formation: 2003
Total Number of Members: 219 as of 8/31/2011
Annual Dues: \$50 for professional members (PE or SE licensed),
 \$40 for non-licensed members, \$10 for students

Awards Program

We have an awards program for students where we provide \$1,000 awards to three students each year based on an application process including submittal of written papers.

Meeting Schedule

We have a statewide annual conference in September each year. In addition, we have the state divided into four regions and each region has monthly meetings between October and June. The board of directors meets by phone conference monthly and face-to-face every three months.

List of Active Committees

Continuing Education (CED), Basic Education Committee (BED), Code Advisory Committee (CAC), Licensure Committee (LIC), Professional Competency Committee, SEER Plan Committee

Previous Year's Activities

We established four regions for our state and got each one up and running with local meetings for the membership; launched our new website that allows for substantially increased member communication; established student groups at three Ohio universities to promote SEAO with graduating engineers; established a program for three educational awards to be provided to college juniors/seniors.

What was the most valuable member program or service that you offered this year?

Our two day annual conference which provided the opportunity for attendees to obtain up to 14 PDH's as well as tour a local construction site and enjoy a social event.

(OSEA) Oklahoma Structural Engineers Association

Delegate: John Kelly
Alternate Delegate: O.J. Johnston
Executive Director: Dustin Cole
Email Address: dustin.cole@starbuildings.net

Board of Directors:

Tahir Nasir P.E.
 Chris Strunk P.E.
 Kristin Killgore P.E.
 Sarah Woodward P.E.
 Alan Kirkpatrick P.E.
 Carisa Ramming P.E.
 Mike Thompson P.E.
 Shannon Koeninger P.E.
 Marissa Samaripa
 Aaron Landrum

Details

Year of Formation: 1994
Total Number of Members: 285
Annual Dues: Licensed Members: \$35; Non-licensed (degreed) Members: \$20;
 Student Members: \$ 10; Affiliate Members: \$35
Meeting Schedule: Monthly lunch meetings in Tulsa and Oklahoma City

List of Active Committees

Spring and Fall Conferences conference committees, Structural Licensing, Advocacy, Membership.

Previous Year's Activities

Spring and fall conferences, monthly lunch meetings

Most valuable program: The Eastern Chapter had 8 monthly meetings over the past 12 months. One notable meeting was a tour of a local steel fabrication shop. The lead detailer demonstrated the software they use to detail structural steel. We then had a tour of the fabrication facility. The Central Chapter has had 9 meetings over the past 12 months. One notable meeting was a tour of the Devon Tower which is a high rise structure under construction in Oklahoma City. The OSEA annual Fall Conference had 3 different speakers presenting topics of wind design, blast effects on structural design and design of storm shelters. The Spring Conference had 4 speakers presenting topics of emergency response, load testing in structural repair, and structural licensing. Each conference had approximately 200 attendees, and provided 12 hours of continuing education.

(SEAO) Structural Engineers Association of Oregon

Delegate: Susan (Sue) M. Frey, SE
Alternate Delegate: Ed Quesenberry, SE 2011-2012 SEAO President

Executive Director

Jane Ellsworth, Executive Secretary
 Email address: jane@seao.org
 Board of Directors: 2010-2011
 Trent Nagele – President
 Ed Quesenberry – Vice-President
 Kevin Kaplan – Treasurer
 Amit Kumar – Secretary
 Craig McManus – Director
 Norm Farris – Director
 Jenny Carlson – Past-President

2011-2012
 Ed Quesenberry –President
 Aaron Burkhardt - Vice President
 Kevin Kaplan -Treasurer
 Michelle Chavez - Secretary
 Norm Farris - Director (2nd year)
 Don Ellsworth--Director (1st year)
 Trent Nagele -- Past President

Details

Year of Formation: 1949
Number of Members: 456 (324 Members, 132 Affiliate) plus 9 Retired, 5 Student, and 33 Life-Members
 (as of the February 2011 Roster)
Annual Dues: \$102 Members/\$95 Affiliate Members

Awards Program

Life Membership awarded annually
 2010-11 Life Member: Bruce Holliday

Student Scholarships awarded annually. See specifics in committee information below.
 2010-11 Awards to (4) students at (4) different Universities totaling \$8,500.

Meeting Schedule

Sept to May Lunch or Dinner Meeting in Portland with concurrent webcasts to other cities in Oregon (See more information below on topics and speakers)
 February Vendor Trade Show
 Summer golf tournament

List of Active Committees: See <http://www.seao.org/committees/> for committee responsibilities and history:

1. Building Code: Subcommittees: a. Vintage Building b. Oregon Structural Specialty Code Interpretations c. Special Inspection, Observation, Testing
2. Technical: Subcommittees: a. Seismic b. Wind c. Snow
3. Program Committee: Subcommittees: a. Monthly Program b. Conferences c. Golf Tournament
4. Membership: Subcommittee: Newsletter
5. Education: Subcommittees: a. Seminars b. Emergency Response
6. Legislative: Subcommittee: OSBEELS Liason
7. Public Relations: Subcommittees: a. Website b. Scholarship c. Engineers Week
8. Young Members

Previous Year's Activities

2010-11 Vintage Building Activities:

The committee has provided input for Oregon's adoption of the International Existing Building Code (IEBC) and given input nationally for revisions to the ASCE 31/41 codes.

2010-11 OSSC Code Liaison Activities:

The committee continues to give recommendations of code interpretations to the Oregon Building Codes Division, which provides statewide code interpretations.

2010-11 Special Inspection, Observation, Testing:

The subcommittee finalized and published the 2009 IBC Chapter 17 Tables for a Statement of Special Inspection Plan to be included by the RDP SE on project S Drawings, usually following or at the end of the general SE note Drawings. Additional project specific and common construction inspections can be added to the mandatory code requirements. Commentary included. 2003 and 2006 IBC versions are also posted for free download.

<http://www.seao.org/publications/specialinspection/>

2010-11 Seismic

Review of ASCE 7-10 to provide input for state building code adoption and/or revision, and contributions to newsletter featuring a seismic quiz to test member knowledge.

2010-11 Wind

Review of ASCE 7-10 to provide input for state building code adoption and/or revision, with updates to membership regarding upcoming changes and available wind design resources.

2010-11 Snow

Finalized updating ground snow load data for the state of Oregon and have partnered with the Oregon Building Codes Division and Oregon State University to license the data for creation of a web site to allow for site specific lookup of the design snow load.

2010-11 Programs:

Monthly Meetings:

For more information see above summary and newsletter articles at

<http://www.seao.org/publications/newsletter/newsarchive/>

Sept 2010 Dinner Meeting Portland with Corvallis live webcast: Underlying Concepts in Seismic Design Codes/Application to Steel Building Structures. Speaker: Professor Chia-Ming Uang, Professor of Structural Engineering at the University of California, San Diego.

Oct 2010 Committee Meetings followed by Dinner Meeting with webcast live in Corvallis: Extreme Fabrication. Speaker: President and CEO of Columbia Wire and Iron Works, Inc. CWI is a 108 year old steel fabrication and erection company.

Jan 2011: Lunch Meeting: Detailing Load Bearing Masonry Buildings for Crack Control and Structural Performance. Speaker: Sue Frey, CH2M HILL.

2011 Feb: SEAO Scholarship Foundation Tradeshow. Clackamas, Oregon from 5:00 to 8:00 pm with mini seminars from 12:30 to 5:15 pm. This event is the main fundraiser for our scholarship fund which continues to grow to allow significant student scholarships each year.

2011 April: Dinner Meeting in Portland with webcast feed to Corvallis and Eugene. Seismic Upgrade of a 15-Story Steel Moment Frame Building - Satisfying Performance Criteria with Application of Experimental and Analytical Procedures. Speaker: Jim Malley, Dekenkolb Engineers

2011 May: Lunch Meeting with live webcast feed to Corvallis, Eugene, Medford and Bend. Modern Timber Bridges. Speaker: Paul Gilham, Western Wood Structures, Inc.

2010-11 Conferences/Prep: As follows:

Oct 2010: SEAO delegates attended the NCSEA annual conference

Oct 2010: SEAO delegates attended the WCSEA conference which includes delegates from several western states and BC. Conference held in Whistler, BC and was the roundup conference of the Western States SEAs.

Sept 2011: SEAO delegates and general membership will attend the 2011 NW SEA Conference: The conference this year is hosted by the Spokane and South Central Chapter of SEAW and will be held in Spokane, Washington. NW Council consists of multiple SEA sections in Washington, Oregon, Idaho and British Columbia.

Preparation for the annual technical conference: 2012 NW SEA Conference hosted by SEAO July 25-29, 2012 at the Kahneeta Warm Springs and Resort in central Oregon.

2011 Golf Tournament

July 27th at Stone Creek Golf Club. 4-man scramble format with a shotgun start. Golf was followed by dinner and award of prizes. The event is co-hosted by the Oregon chapter of ACI.

2010-11 Newsletter:

See 2010-11 editions at: <http://www.seao.org/publications/newsletter/newsarchive/>

2010-11 Seminars:

Fall 2010 Seminar: Wind & Flood Design Using the 2009 IBC and ASCE 7-05 presented by Ed Huston and William Coulbourne.

Spring 2011 Seminar: Guide to the Design of Diaphragms, Chords & Collectors Based on the 2009 IBC & ASCE 7-05 presented by Badri Prasad, Rafael Sabelli and Doug Thompson in association with NCSEA.

May 2011-- Co-sponsored NWCMA Structural Masonry Design Seminar. Speakers included SEAO members Ray Miller and Sue Frey.

June 2012 -- Assisted with symposium: Preparing for Seismic Certainly sponsored by AIA Portland. The event prominently featured a number of SEAO presenters, including committee chairs and board members.

2010-11 Emergency Response:

Prepared an ATC-20 course that they have presented and made available to local groups. Also create a website database of emergency response volunteers which can be accessed and updated by SEAO members on-line through the SEAO website.

2010-11 OSBEELS (Oregon State Board of Examiners for Engineering and Land Surveying) Liaison

--SE III Grading: Many SEAO SE volunteers to OSBEELS traveled to Seattle between November and March to join SEAW members in grading the 2010 SE III exam. Oregon applicants' passing rate has continued to rise each year. In October 2011, applicants who had passed the SE II will be given another opportunity to take the SE III. Alternately, they may take the new NCEES exam to meet the 16 hour requirement.

--- SEAO member Grant L. Davis, SE continues on the OSBEELS board, which requires a government appointment.

-- Structural Engineering was selected by OSBEELS to be the first branch of engineering featured at the first of a series (September 29, 2011) of annual symposiums. For more information of the day's speakers and topics, visit <http://www.oregon.gov/OSBEELS/docs/Forms/RegistrationForm.pdf>

2010-11 Website

Complete rework of website with many new features include on-line registration and payment for SEAO meetings and seminars, membership log-in and update of contact information, emergency response volunteer information and preferences. On-line calendar of events, web pages for each active committee with ability to post minutes and member-only documents. Website administration is handled through a fully customized content management system, allowing SEAO administrators to quickly and easily update website content.

2010-11 Scholarship

The SEAOSF has awarded three \$2,000.00 scholarships to Oregon students from Oregon Institute of Technology, Oregon State University and University of Washington, and one \$2500 Don Kramer Memorial Scholarship to a student at UC Berkeley for the upcoming academic year. Once again, the generosity of our membership, combined with the success of the annual Trade Show continue to keep the SEAOSF scholarship program strong.

2010-11 Young Members

Enjoy regular after work get-togethers, often with young members of AIA. Arranged tours were held to various Portland area facilities and fabricators.

What was the most valuable member program or service that you offered this year? Our focus this year has been on elevating membership value--making sure that we are serving members and providing them with valuable resources. This encompassed a number of important areas: We made enhancements to our newsletter and strengthened our editorial team to provide a meaningful monthly periodical. A new website was created for SEAO, and the SEAO Scholarship Foundation, to better communicate with membership, allow for on-line registrations and user update of contact and other important information. To reach members residing in outside the Portland metropolitan area, which is traditionally where most of the SEAO activities occur, webcasts of the monthly meetings have been made available. In each of the webcast cities, hosts make all of the arrangements, including a meal, so that members can have a social time as well as watch the webcast presentation.

Our snow load committee has made tremendous efforts to finalize and confer the data which will serve as the backbone of a statewide, publically available, website for site-specific design snow loads. The creation of an emergency response database and offering of ATC-20 training has improved our emergency preparedness.

Administratively, we made a number of improvements to strengthen and streamline our board and accounting functions. This included finalizing detailed board guidelines for both SEAO and the Scholarship Foundation, and creation of corporate calendars with critical dates and functions. We also spent time setting specific goals for the year and then worked to communicate them throughout the organization.

(SEARI) Structural Engineers Association of Rhode Island

Delegate

Email address: Stephen F. Olsen, P.E
solsen@olsenengineers.com

Board of Directors

Stephen F. Olsen, P.E., President
Erik Anders Nelson, P.E., Vice-President
Ryan D. Sutton, P.E., Treasurer/Secretary

Details

Year of Formation: 1998
Total Number of Members: 36
Annual Dues: Member: \$60
Associate Member: \$50
Affiliate Member: \$250
Meeting Schedule: The second Tuesday of every other month, excluding summer months (usually 5-6 per year)

List of Active Committees

Special Inspections
SEARI Building Code Advisory Committee which studies both the RI State Rehab Code and the proposed new adoption of the International Existing Building Code (IEBC)

Previous Year's Activities

Presentation: New Details for Masonry Construction by IMI
Presentation: Rehab of Timber Structures by Western Wood Structures
Presentation: Semirigid Diaphragm by Timothy Mays
Presentation: Lite Steel Beam technology
Presentation: Flood Design by RI-EMA

What was the most valuable member program or service that you offered this year?

Due to the recent storms of Hurricane Irene and the mass flooding of 2010, the presentation by RI-EMA Floodplain Coordinator Michelle Burnett was extremely valuable for our members. In addition, we have now dedicated a portion of our organization website to the design of structures in floodplains.

(SEAofSC) Structural Engineers Association of South Carolina

Delegate: Brian K. Pietras, PE bpietras@rickborn.com
Alternate Delegate: Jesse S. Burke, PE jesse@burkeengr.com
Email address: www.seasouthcarolina.org

Board of Directors: STATE OFFICERS

President Brian Pietras, PE bpietras@rickborn.com
 Vice PresidentT Jesse Burke, PE jesse@burkeengr.com
 Secretary Angelina Stasulis, EIT angelinavictoria@gmail.com
 Treasurer Jason Hubert, PE jason.r.hubert@gmail.com

CHAPTER REPRESENTATIVES

Charleston Matthew Wilks, PE mwilks@mwdesignsc.com
 Columbia Michelle Motchos, PE mmotchos@sw-sc.com
 Greenville Jonathan Cox, EIT jcox@peaofsc.com
 Hilton Head Hakim Bayyoud, EIT hbayyoud@bcgov.net

Details

Year of Formation: 2005
Total Number of Members: 146 Total Members
 2010-2011 Membership Year
 41 Charleston Chapter Members
 15 Columbia Chapter Members
 40 Greenville ChapterMembers
 21 Hilton Head Chapter Members
 29 Clemson University Student Chapter Members
Annual Dues: 2010-2011 \$80 - National & State Dues
 2011-2012 \$85 - National & State Dues
 (Individual Chapters determine annual Chapter dues)
Awards Program: No State Awards Program
 (Greenville & Hilton Head Chapters have scholarship award programs for local college-level structural engineering students)

Meeting Schedule

(3) Regular Board of Directors Meeting
 Annual Conference & Membership Meeting
 Individual Chapters (Charleston, Columbia, Hilton Head, Greenville & Clemson University Student Chapters) hold several meetings throughout the year.

Active Committees

SEA of SC Code Advisory Committee
 SEA of SC Licensing Committee
 SEA of SC Structural Engineer Emergency Response (SEER) Committee

Previous Year's Activities

6th Annual Conference held on June 24, 2011 in Columbia, SC with 7 PDH's of Technical Presentations and the Annual Membership Meeting

SEA of SC Code Advisory Committee

-Active participation at the South Carolina Building Codes Council meetings and public review process of the 2009 I-Codes

SEA of SC Licensing Committee

- Active participation at the South Carolina State Board of Registration for Professional Engineers & Surveyors meetings
- Licensing Survey conducted with SEA of SC membership to determine interest for SE License in South Carolina
- Ongoing activities to achieve some level of SE licensing in South Carolina

SEA of SC SEER Committee

- ATC-20: Post Earthquake Training on February 1, 2011 by the South Carolina Emergency Management Division (36 SEA of SC members attended)
- ATC-45: Post Wind Storm & Flood Training on April 7, 2011 at the IBHS Research Facility with Ed Huston (33 SEA of SC members attended)
- Ongoing discussions with South Carolina Emergency Management Division regarding assistance to the State after natural disasters
- Ongoing activities for better organization of SEER Committee

What was the most valuable member program or service that you offered this year? Technical presentations at the 6th Annual Conference

Ongoing activities of the Code Advisory, Licensing & SEER Committees

(SEASoN) Structural Engineers Association of Southern Nevada

Delegate

Alternate Delegate:	Paul Pitcher
Executive Director:	Kent Barber
Email address:	Dawn Miller
	seasonlv@earthlink.net

Board of Directors

President - Kent Barber
President Elect/Vice President - Paul Pitcher
Treasurer - Violeta Tihova
Director - Steve Schiller
Past President - Dan Campbell

Details

Year of Formation:	1997
Total Number of Members:	46
Annual Dues:	\$90
Meeting Schedule:	Every month but June, July, & August
List of Active Committees:	Agency, Membership Meeting

Previous Year's Activities

Half-Day Seminar

What was the most valuable member program or service that you offered this year?
Half Day Seminar

(TNSEA) Tennessee Structural Engineers Association

Delegate

Alternate Delegate:
Email address:

Otto J. Schwarz
Robert Paullus
info@tn-sea.com

Board of Directors

Eugene Adams - President
Otto J. Schwarz - Vice President
David Cartwright - Treasurer
Stephen Shearer - Past President
Andy Milligan - Secretary
Logan Meeks - Board Member
Robert Paullus - Board Member

Details

Year of Formation: 1998
Total Number of Members: 150 as of 9/21/11 (200+ expected)
Annual Dues:
East Region - \$55
Middle Region - \$100
West Region - \$50
Awards Program: Pending Distinguished Member Awards

Meeting Schedule

East Region - Quarterly w/ quarterly technical mtgs
Middle Region - Monthly w/ bi-monthly technical mtgs
West Region - Quarterly w/ monthly technical mtgs

List of Active Committees

Programs and Meetings, Membership, Publications, Codes and Standards, Professional Practice, Structural Engineer Emergency Response, Nominations, Licensing

Previous Year's Activities

Programs and Meetings

Each region has provided technical seminars and presentations for the general TNSEA membership. These seminars are aimed at providing usable and up-to-date technical information for the practicing structural engineer. Please see our web site www.tn-sea.org for updates on these.

Publications jointly with Codes and Standards

This year our goal is to publish the document "Special Inspections Guide for Tennessee". This document is intended to be a guide for design professionals, building officials, contractors, and special inspectors in the implementation of IBC Chapter 17. Proof-readers and reviewers at the regional and state levels are being enrolled to review this document. Once published, a plan of action for getting the document in to the hands of architects, engineers, local building officials, etc. will be developed. The aim is to have a consensus guideline that all parties can refer for the proper and legal implementation of the Special Inspections chapter of the IBC.

Professional Practice

The Professional Practice Committee focuses on educating students, practicing engineers, and the general public on business and professional practice issues, ethics, and leadership in order to support life long learning and support for the engineering field and profession. An outreach effort to local colleges, technical schools, as well as area high schools is ongoing in order to educate future engineering students the importance of developing their leadership and personal skills. Volunteers to participate in the development and delivery of the presentations are welcome.

Structural Engineer Emergency Response (SEER)

The SEER committee is working to provide volunteer services for a variety of projects which can benefit from their expertise as structural engineers. Guidelines for our organization for emergency response were published by NCSEA. We will arrange training courses for those who will agree to provide structural evaluations in case of a disaster. The training course is published by the Applied Technology Council. ATC-20/45. All those who are qualified to respond to disaster relief are directed to be prepared to respond at a moment's notice in case of a disaster. This means providing food, shelter and personal items for yourself if called upon to serve. Normal utilities and services may be unavailable in the area of the disaster. Finally, we have sought to provide volunteer services to our community through non-profit organizations which are already working daily for our community. We have invited them to present their programs of service to our membership at Chapter Meetings this past year. Some of our local structural engineering firms have provided planning and manpower to local schools in Middle Tennessee. These projects augment the local schools' efforts to improve educational opportunities for students. The following organizations solicit volunteer help for their community projects: Tools for Schools, Hands on Nashville, and Habitat for Humanity.

Licensure

The licensure committee has conducted a survey of the TNSEA membership to ascertain the climate regarding separate licensure for structural engineers in the state. The survey was accessible through the TN-SEA.COM web site and was open to the general public as well as the membership. Results of this survey are/will-be posted.

What was the most valuable member program or service that you offered this year? See Above!

(SEAOt) Structural Engineers Association of Texas

Delegate: Paul Rielly, PE
Alternate Delegate: Joe Kallaby, PE
Executive Director: Liz Stansfeld
Email Address: Paul Rielly: preilly@halff.com
 Liz Stansfeld: lizstandfeld@earthlink.net

Board of Directors

Jon Jelinek, PE, President; Justice Edge, PE, President Elect; Ismael Legarreta, PE, Past President; AUSTIN: Brett Fagan, PE and Todd Speck, PE; CORPUS CHRISTI: Lew Shrier, PE and Shane Torno, PE; DALLAS: David Parkin, PE and David Barrett, PE; EL PASO: Danny Anderson, PE and Ruben Ponce, PE; FORT WORTH: Robert Nicholas, William (Bill) Wallace, PE; HOUSTON/GULF COAST: Joe Kallaby, PE and Dennis Paul, PE; SAN ANTONIO: James Epp, PE and Ron Podojil, PE

Details

Year of Formation: 1983
Total Number of Members: 719 Active; 66 Inactive
Annual Dues: \$125
Awards Program: William C. Schoeller Award and SEAOt Service Award
Meeting Schedule: Quarterly

List of Active Committees

Activities Committee, Awards & Recognition, Communications, Hall of Honor, Community Impact, Information Technology, Financial Health, Professional Activities & Legislative Liaison, Membership, SE Emergency Response, State Conference, and Technical & Code

Previous Year's Activities

The State Organization and the local Chapter remain very active. Each Chapter has two delegates that serve on the State Board and each year attends the four Board of Directors Meetings. Each Chapter has committees that correspond to and report to the State Committees. The State Organization and each Chapter publish newsletters. The SEAOt State Newsletter is published four times a year. The State Organization and the Chapters have websites to keep their members informed of SEAOt activities. The Chapters continue to offer their members a wide variety of programs for continuation education. Each chapter tailors the programs to meet the needs of their members. The Austin Chapter provides Saturday half-day seminars on topics suggested by their membership. The El Paso Chapter has a similar program and also has a very strong scholarship program for local engineering students. The Dallas Chapter has prepared publications on engineering design that are distributed by the State Organization. The State conference was held in Corpus Christi and was attended by approximately 160 people. The conference occurred over a three-day period and 11 continuing education hours were provided.

What was the most valuable member program or service that you offered this year?

The SEAOt Structural Engineering Licensing Task Force chaired by past chairman of the Texas Board of Professional Engineers, Robert Navarro, PE, drafted a bill for submission to the Texas Legislature regarding special licensing for structural engineers. This task force was successful in convincing Senator Wentworth to file SB1828 just before the filing deadline. Unfortunately, the language of the bill submitted to the Texas Legislature Review Committee was changed substantially. SB1828 never made it out of committee. It is unknown who made the modifications to SB1828 but opposition to the bill was anticipated. Although SB1828 was never introduced in the Texas Legislature, the task force learned a lot about the process of filing legislation and is now better prepared for the next legislative session.

(SEAU) Structural Engineers Association of Utah

Delegate

Alternate Delegate:
Email address:

Barry Arnold, P.E., S.E., SECB (barrya@arwengineers.com)
David Pierson, P.E., S.E., SECB (davep@arwengineers.com)
seau@seau.org

Board of Directors

Dave Pierson	President	davep@arwengineers.com
Chris Kimball	Vice President / President Elect	Chris@kimballeng.com
Wm. Chris Barker	Past President	Chris.Barker@ldschurch.org
Mike Linford	Treasurer	mlinford@dunn-se.com
Dorian Adams	Secretary/Historian	dadams@reaveley.com
Jay Adams	UEC Delegate	jay@dstructures.com
Curtis Earl	UEC Delegate Elect	cearl@dunn-se.com

Details

Year of Formation: 1980
Total Number of Members: 280
Annual Dues: \$100 (If paid before Sept. 30th. \$120 after Sept. 30th)
Awards Program: Combined with spring social.
Meeting Schedule: Fall social + a minimum of 8 monthly membership meetings usually scheduled for the third Thursday of the month.

List of Active Committees

Audit Committee:	Jerod Johnson	jjohnson@reaveley.com
BSSC Delegate:	Parry Brown	pbrown@reaveley.com
By-Laws Committee:	Brent Maxfield	maxfieldBA@ldschurch.org
Codes/Technical Committee:	Doc Moyle	docm@arwengineers.com
Existing Buildings Committee:	Barry Welliver	bhwelliver@mac.com
Legislative Committee:	John Coffey	jcoffey@mbakercorp.com
Membership/Roster Committee:	Maria Chumbita	maria.chumbita@corebrace.com
NCSEA Delegate:	Barry Arnold	barrya@arwengineers.com
Newsletter Committee:	Jesse Malan	jmalan@reaveley.com
Nominating Committee:	Chris Kimball	kengineering@comcast.net
Professional Practices and Ethics Committee:	Eric Kankainen	eric.kankainen@gmail.com
Programs/Continuing Education Committee:	Chandra Clyde	ccl Clyde@absconsulting.com
Public Relations/Web Page/Golf Tourney Committee:	Troy Dye	troyd@arwengineers.com
Residential Design Committee:	Todd Snider	
SEER (Emergency Response) Committee:	Matt McBride	mattm@arwengineers.com
Seismic Committee:	Stephen Cohen	stephen@crceng.com
Structural Advisory to the UBC Commission Delegate:	Justin Naser	justinn@arwengineers.com
Southern Utah Committee:	Chris Demille	cdemille@dmassocinc.com
Northern Utah Committee:	Joe Stuart	joes@cartwrightengineers.com
USSC Delegate:	Greg McCombs	greg.mccombs@bhbengineers.com

Previous Year's Activities

1. We've continued to improve our general membership meetings using "gotomeeting". This has allowed more engineers from all over the state to attend our general membership meetings. We will continue to improve our audio and video hookups for these meetings.
2. We've created two new committees specifically for those members that are a long ways from Salt Lake City, providing an avenue for these members to participate in furthering their own, and their profession's interests.
3. We continue to improve our SEAU Website. It has been a challenge, and we have some kinks to work out, but it is improving.
4. We've worked hard to not increase our membership dues.

What was the most valuable member program or service that you offered this year?

Making the Member's portion of the website more user-friendly and easier for the member to update with current contact information and announcements.

(SEAVT) Structural Engineers Association of Vermont

Delegate: Tim Dall
Alternate Delegate: Greg Sellers
Executive Director: Barb Evans
Email address: billn@engineeringventures.com

Board of Directors:
Tim Dall
Jared Waite
Greg Sellers
Bill Nourse
Barb Evans

Year of Formation: 2000
Total Number of Members: 40
Annual Dues: \$40 per person
Meeting Schedule: Bi-Monthly
List of Active Committees: Snow Load Mapping, Special Inspections

Previous Year's Activities:

What was the most valuable member program or service that you offered this year?
Low cost educational opportunities for our membership.

(VSEC) Virginia Structural Engineers Council

Delegate:

Jeffrey S. Davis, PE, SECB, LEED AP BD+C
 Alternate Delegate: Paul Gagnon, PE
 Executive Director: Nancy Israel
 Email address: NIsrael@ACECVA.org

Board of Directors

Jeffrey S. Davis, PE, SECB, LEED AP BD+ C : Chairman
 Paul Gagnon, PE : Vice Chairman
 Boyd H. Brown, PE : Secretary/Treasurer
 Jeffrey A. Fisher, PE, SE : Immediate Past Chairmain/Board Member
 Stephen M. Jones, PE : Board Member
 Janet L. Webster, PE : Board Member
 Khalid Abed, PE : Board Member

Details

Year of Formation: 1994
 Total Number of Members: 76
 Annual Dues: \$65
 Meeting Schedule: Bimonthly Board Meetings in addition to seminars
 List of Active Committees: Special Inspections for State Projects (forming)

Previous Year's Activities

December - Guide to the Design of Out-of-Plane Wall Anchorage Seminar presented by Tim Mays, Citadel.

March - Blast-Resistant and Anti-Terrorism Design Seminar presented by Kirk Marchand, Protection Engineering Consultants.

April - Tour of Gerdau Ameristeel Mill in Dinwiddie County, Virginia

August - Semi-Rigid Diaphragms, Sloped Diaphragms, Simplified Dynamic Analysis of Buildings, and Design for Fork Truck Loading: Based on the 2006/2009 IBC and ASCE/SEI 7-05 Seminar by Tim Mays, Citadel.

November (proposed) - Delegated Design of Steel Connections by Pat Fortney, Cives Steel Company.

(SEAW) Structural Engineers Association of Washington

Delegate

Alternate Delegate: Chun Lau
 Executive Director: Andrew McGlenn
 Email address: Lynnell Brunswig
 seaw@seaw.org

Board of Directors

Luke Heath, President
 Jill T Shuttleworth, Vice President
 Jeff Klein, Secretary
 Theodore E Smith, Treasurer
 Peter Opsahl, Past President
 Trustees:
 Howard S Burton
 Bret Heckenberg
 Andrew McGlenn
 John Tate
 Duke Turner

Details

Year of Formation: 1950
 Total Number of Members: 914 (794 dues paying)
 Annual Dues: Vary by chapter and membership category
 Awards Program: Engineer of the Year, Lifetime Service Award
 Meeting Schedule: Varies by Chapter

List of Active Committees

Building Engineering	Code Advisory
Disaster Prep/Response	Education
Existing Buildings	Earthquake Engineering
Exam	Legislative
Membership	Professional Practices
Public Information	Scholarship
Technology	Wind Engineering

Previous Year's Activities

Formed the Structural Engineers Foundation of Washington to oversee scholarships, research, and special projects. Formed new Technology Committee; Identified an Education Committee Taskforce; Revised State and Chapter bylaws; Southwest Chapter held its successful Trade Show; Seattle Chapter continued its successful Refresher Course, and Spokane Chapter hosted a very successful Northwest Conference.

What was the most valuable member program or service that you offered this year?

Began offering PDH certificates to attendees of technical dinner meetings; Awarded two \$3,000 Scholarships; Spokane Chapter offered great continuing education opportunities through its hosting of the 2011 SEA Northwest Conference

(SEA-WI) Structural Engineers Association of Wisconsin

Delegate Sam Rubenzer, 715.563.5390
 Alternate Delegate: n/a
 Executive Director: n/a
 Email address: sam@forseconsulting.com

Board of Directors

President: Tom Ehlert, (262) 252-4722 thomas.ehlert@novumstructures.com
 President-Elect: Sam Rubenzer, (715) 513-6773, sam@forseconsulting.com
 Treasurer: Marco LoRicco, (414) 266-9179, marco.loricco@graef-usa.com
 Secretary: Bob Steckel, (262) 377-7602, bob.steckel@ambeng.com
 Director of SE Branch: Chad O'Donnell, (414) 278-3347, codonnell@hga.com
 Director of SW Branch: Wayne Vandenberg, (608) 333-1173, wayne.vandenberg0@gmail.com
 Director of NE Branch: John Roob
 Director of NW Branch: Eric Fink, (608) 410-8000, efink@cogdell.com

Details

Year of Formation: 2009
 Total Number of Members: 53
 Annual Dues: \$80
 Awards Program: Engineer of the Year Awards
 Meeting Schedule: 3rd Tuesday of the month
 List of Active Committees: Continuing Education, Legislative, Membership & Newsletter/Website

Previous Year's Activities

6/2/2011 SEA-WI 2011 Technical Conference
 5/20/2011 SEA-WI 2011 Software Presentations – RAM Elements
 4/15/2011 SEA-WI 2011 Software Presentations – RAM Concept
 4/14/2011 Powers Fasteners Presentation
 3/24/2011 Webinar – Code Requirements for Structural Integrity by Ron Hamburger
 (a recorded NCSEA webinar)
 3/18/2011 SEA-WI 2011 Software Presentations – RAM Steel
 2/18/2011 SEA-WI 2011 Software Presentations – RAM Concrete
 11/18/2010 LITESteel Beam Event
 10/27/2010 IMI – Masonry Software Review
 10/21/2010 Marquette, School of Engineering Construction Tour
 9/29/2010 Woodworks – High wind, lateral loads, wood shearwalls, wood diaphragms
 9/1/2010 Miller Park Technical Tour

What was the most valuable member program or service that you offered this year? First Annual Technical conference held in June, 2011

- Four 1-hour technical programs
- offered CE opportunities
- networking opportunities, etc

NCSEA

Committee Reports



NCSEA Committee Chairs

Advocacy Committee

Co-Chair: Robert Durfee
rdurfee@dubois-king.com
603-883-0463

Co-Chair: Thomas DiBlasi
TomD@DiBlasi-Engrs.com
203-452-1331

Advocacy Subcommittees

Clients & Prospects
Chair: Richard Boggs
RBoggs@aiengineers.com
860-635-7740 x102

General Public & Media
Chair: Carrie Johnson
cjohnson@wallacesc.com
918-584-5858

Regulators
Chair: Kevin Westervelt
kwestervelt@mesainc.com
865-218-5306

Students & Educators
Chair: John Joyce
john@es-lic.net
405-848-4093

Website Development
Chair: Thomas DiBlasi
TomD@Diblasiengrs.com
203-452-1331

Code Advisory Committee
Steering Committee
Chair: Ronald O. Hamburger
rohamburger@sgh.com
415-495-3550

Code Advisory Subcommittees
Seismic Provisions
Chair: Kevin Moore
moore@certuscorp.net
510-835-0705

Existing Buildings/Structural Retrofit
Chair: David Bonowitz
dbonowitz@att.net
415-771-3227

General Engineering, Materials, Wind, Other Loads, and Family 1 & 2 Residential.
Chair: Ed Huston
huston@smithhustoninc.com
206-448-8448

Special Inspection / Quality Assurance
Chair: D. Kirk Harman
kharman@harmangroup.com
610-337-3360

ICC Evaluation Service Advisory Committee
Chair: Bill Warren
bill_warren@sesol.com
916-442-0820

Wind Engineering
Chair: Don Scott
DScott@pcs-structural.com
253-383-2797

Basic Education Committee

Chair: Craig Barnes

617-268-8977

cbarnes@cbiconsultinginc.com

Continuing Education Committee

Co-Chair: Mike Tylk

mtylk@tgrwa.com

312-341-0055

Co-Chair:

Carrie Johnson

cjohnson@wallacesc.

com

918-584-5858

Licensing Committee

Chair: Susan Jorgensen

sajorgensen@leodaly.com

303-919-9321

Membership Organization Development Committee

Chair: Ed Huston

huston@smithhustoninc.com

206-448-8448

Publications Committee

Chair: Timothy W. Mays

timothy.mays@citadel.edu

843-953-7678

STRUCTURE Editorial Board

Chair: Jon Schmidt

jschmid@burnsmcd.com

816-822-3373

Structural Engineers Emergency Response (SEER) Committee

Chair: Scott Nacheman

SNacheman@ThorntonTomasetti.com

312-596-2000

NCSEA Advocacy Committee Report

Submitted by: Bob Durfee

Chairs: Bob Durfee & Tom DiBlasi (interim)

The Advocacy Committee is managed by two chairs that perform their duties as co-chairs, and delegated responsibilities equally. Subcommittee responsibilities are also divided between them, with each responsible for being a participant and motivator in subcommittees as follows:

- Bob Durfee leads three (3) subcommittees: Clients & Prospects, Student & Educators, and Regulators
- Tom DiBlasi leads two (2) subcommittees: Public & Media, and Website

Recruiting is ongoing to fill the co-chair position currently being held by Tom DiBlasi as interim.

A call for new members to the Advocacy Committee was made last October, and NCSEA received four (4) applicants whom expressed interest in serving on Advocacy. All applicants were assigned to subcommittees of their interest.

The Committee held several teleconferences meetings during the past year, including one full Committee conference, and at least once conference with each of the five subcommittees. The full Committee again met on Thursday morning during the Annual Conference in Oklahoma City.

Clients & Prospect Subcommittee

Members

Richard Boggs, SEC/CT,
(Subcommittee Chair)

Brian Dekker, SEAIO
Tom Langan, SEAVT

Jon Schmidt, SEAKM
Bob Durfee, SENH, Liaison

Mission

Enhance the real and perceived value of structural engineers to their current and prospective clients.

Targeted Audience

- Architects/Project Leaders
- Building Owners
- Project Managers
- Structural Engineers

2011 Goals/Tasks

1. Plan

- Develop written 5 Year plan of objectives
- Outline goals and objectives identified in NCSEA Strategic Plan
- Define how each goal will be achieved
- Include schedule

2. Brochure

- Redraft brochure (tri-fold) “Structural Engineers – Supporting What You Value”
- Finalize brochure text and graphics and submit to the Board for approval and use
- Establish budget and obtain funds for printing & distribution

General Public & Media Subcommittee

Members

Carrie Johnson, OSEA
(Subcommittee Chair)
Tom Abel

John Joyce, OSEA
Jeannette Pfeiffer
Tom DiBlasi, SEC/CT, NCSEA

Board Liaison
Melissa Matarrese,
NCSEA Office Liaison

Mission

Educate the public at large about the activities of structural engineers and their benefit to society. Additionally, serve as a

contact group for media request and offer prompt response to inquires after a disaster.

Targeted Audience

- General Public
- Media: newspaper, radio television, internet
- Structural Engineering Experts

2011 Goals/Tasks

1. Plan

- Develop written 5 Year plan
- Outline goals and objectives identified in NCSEA Strategic Plan
- Define how each goal will be achieved
- Include schedule

2. Research, identify and post 10 links on NCSEA Website

3. Contact each MO and coordinate contacts with one local Media Outlet

4. Updated and expanded the Media Contacts list

5. Develop 5 more sample press releases

6. Update the SEOC Media Training guide

7. Schedule and organize another, expanded "How to Speak to the Media" presentation at next year annul conference in Oklahoma City, OK.

Code Officials & Government Agencies

Members

Kevin Westervelt, TNSEA,
Subcommittee Chair

Dustin Cole, OSEA
David Cartwright

Jeannette Pfeiffer
Bob Durfee, SENH, Liaison

Mission

Advocate positive change and recognition of the structural engineering profession in the code and standards development process.

Target Audience

- Building Officials
- Structural Engineers

2011 Goals/Tasks

1. Plan

- Develop written 5 Year plan
- Outline goals and objectives identified in NCSEA Strategic Plan
- Define how each goal will be achieved
- Include schedule

2. Prepare IBC 2009 Code Amendment form for use by government Officials

3. Develop and issue white papers:

- Catastrophic Type Loadings (Flood, Hurricane, Blast)
- Determine of governing vintage building codes for existing facilities
- Live load reduction based on square foot of roofs.

4. Prepare topics or Links for posting NCSEA Website

NCSEA Awards Committee Report

Submitted by: Chair, Carrie Johnson

2011 Excellence in Structural Engineering Awards

This year, we had a record number of entries, 91, for the NCSEA Excellence in Structural Engineering Awards. This was a 30% increase in the number of entries over the previous year, which is very exciting! There were quite a few truly interesting projects and the level of competition continues to grow each year.

We expanded the categories last year to make it possible for more firms to enter and be recognized for their achievements. This year, an increased effort was made to contact winners of the Member Organizations that have awards programs and encourage them to enter. Also, an invitation was extended to firms who had interesting projects in the media. The categories were:

- New Buildings under \$10 Million
- New Buildings \$10 Million to \$30 Million
- New Buildings \$30 Million to \$100 Million
- New Buildings over \$100 Million
- New Bridge and Transportation Structures
- International Structures over \$100 Million
(structures under \$100 million entered in other categories)
- Forensic / Renovation / Retrofit / Rehabilitation Structures
- Other Structures

The judging was held on August 17 and August 22, 2011 at the offices of Thornton Tomasetti in New York City, NY. All of the judges were members of SEAoNY. The judges were:

Eli Gottlieb, P.E.
Thornton Tomasetti

Scott Hughes, P.E.
Robert Silman Associates

Chris Cerino, P.E.
STV Incorporated

Tim Lynch, P.E.
New York City Department of Buildings

Vesna Hadzibabic, P.E., LEED AP
NYC School Construction Authority

Karl Rubenacker, P.E., S.E.
Gilsanz Murray Steficek, LLP

Jeff Thompson, P.E., LEED AP
Buro Happold

Up to three awards will be given in each category with one project in each category being named the Outstanding Project. These awards will be presented at the banquet Saturday night, October 22.

I would like to thank SEAoNY for organizing the judging and the NCSEA staff, particularly Joyce VanWieren, for organizing the entries, plaques, banquet attendees, and answering countless questions from the award winners.



NCSEA Basic Education Committee Report

This has been a very active year for the committee. A major event and one that has occupied most of our time has been the groundwork for the national survey due to be issued to schools in October 2011. The process of gathering responses and following up so that the response number will be as complete as possible, takes over a year. We anticipate the survey results to be published in STRUCTURE in 2013. Having experienced in previous surveys the difficulty in obtaining feedback we worked with Copper Creek this year to send out a draft survey that prepared respondents for the October 2011 date and more importantly was utilized to confirm contact information. To support that activity and the survey, the committee has revised the survey form. Please refer to the following sheet. Anyone that has a contact within their alma mater please feel free to remind them the survey is on the way.

Kevin Dong, P.E., of the committee has authored three education articles one of which has been published in STRUCTURE. The remainder will be published as magazine advertising revenues permit. A committee article on Basic Education Update, based heavily on engineer and educator input, is being reviewed for publication.

During last year's annual conference, the Basic Education Committee announced the formation of a group called SE Connect. This group is intended to be a personal connection between structural engineers represented by NCSEA and schools and universities. Brian Quinn, P.E. and Lisa Willard, P.E. are heading up this activity. SE Connect sent out recently, a letter to instructors at schools and universities throughout the United States to verify contact information and inquire as to how NCSEA could benefit their school.

Last year ENR published an education issue. NCSEA was fortunate to be able to author an article for that issue and to provide links to the education program. It was that issue that unveiled the SE Connect effort.

For a number of years the committee has been searching for an effective way to communicate with high school students before they make a career commitment and for those students who have made a career commitment in civil engineering to direct them to the interesting world of structural engineering. Progress has unfortunately been very slow. We thought going through high school guidance counselors would be a solid key, unfortunately guidance counselors are deluged with paper so anything we offer generally does not bubble to the top of their paper pile. Just as complicating, is the fact that many guidance counselors have no idea what a structural engineer is. A new approach in that area has been brought to our attention by our new committee member Uchenna Okoye, P.E. Before relocating to Massachusetts from California, Uchenna had been a member of a group that visited high school math and science classes to present a soft sell to students regarding a career as a structural engineer. The Structural Engineers Association of Massachusetts (SEAMass) has agreed to be a guinea pig in an attempt to bring this program to Massachusetts. Uchenna is in the process of setting up a student presentation with cooperating schools.

In a related effort, the committee is looking for ways to expand in a concise tabular form, a summary of school course offerings so that prospective students and parents will have a central source to view the types of courses in quantity available in schools throughout the United States. That effort became known as Kevin's beer and pizza brigade. The brigade was several students who conducted website searches for structural engineering programs in sample schools. The committee is working on that program in Oklahoma.

The committee is working on ways to make specialization in structural engineering more relevant to the large number of schools and a large student body who do not receive specific acknowledgment that they have trained in structural engineering. There are but a handful of schools that can truly say they offer a degree in structural engineering. There are a huge number of schools that we all know offer component courses such that a student on graduation thinks of themselves as a structural engineer. The committee is exploring ways in working with SECB to provide a student certificate SECB. Other ideas such as diploma acknowledgment and transcript acknowledgment are being explored.

Other items being explored and worked on by the committee are:

- Publish the combined Masonry/Timber course syllabus authored by Melvin Green PE.
- Promote a Structural Certificate at schools and universities.
- Can schools self promote using an NCSEA seal of approval?
- How do we make the national school survey more relevant?
- What is the benefit of accessing high school websites?
- Reduce the core curriculum to the level of the SECB requirement.
- Craig Barnes, P.E. and Brent Perkins, P.E. are participating in the NCEES Practitioners Survey questionnaire.

Respectfully submitted by the Basic Education Committee of NCSEA

Craig E. Barnes, P.E., SECB – Chairman
Brent Perkins, P.E., SECB – Vice Chairman
Brian Quinn, P.E., SECB – Member
Lisa Willard, P.E., SECB - Member
Kevin Dong, P.E. – Member
Marc Steinhobel, P.E. - Member
Uchenna Okoye, P.E. - Member

NCSEA Code Advisory Committee Report

The Code Advisory Committee is composed of 6 subcommittees including General, Chaired by Ed Huston of SEAW; Seismic, chaired by Kevin Moore of SEAOC; Wind Chaired by Donald Scott of SEAW; Existing Buildings Chaired by David Bonowitz of SEAOC; Construction Quality Assurance, chaired by Kirk Harman of PASE; and Evaluation Services, chaired by Bill Warren of SEAOC.

Over the past several years, an important goal of the CAC has been to move structural requirements out of the building code and into consensus standards. The reason for this desire is that 1) Standards are published less frequently, resulting in a more stable design environment; and 2) the Standards are developed with a more rigorous process than the code, resulting in reduced likelihood of the introduction of inappropriate requirements by parties with self-interest, or by well-meaning, but misguided parties. This goal has largely been achieved, with the IBC referring to national consensus standards for all structural requirements except: foundation design; construction quality assurance and prescriptive construction. The IRC and IEBC still contain extensive requirements within the body of the code.

Both ICC and SEI have expressed some interest in standardizing the Foundation Requirements and Quality Assurance Requirements as separate standards, however, the CAC has had difficulty mustering the member participation and interest necessary to do this. A potential chair has been identified for the Foundation Requirements conversion but not for the Quality Assurance requirements.

During the code change cycle leading up to publication of the 2012 IBC and its companion codes, ICC elected to change the traditional code revision cycle. Previously, ICC would use an 18-month cycle that initiated approximately 24 months prior to publication of the codes. ICC would publish the codes on a 3-year cycle, with a series of supplements issued in mid-cycle, resulting in approximately an 18-month cycle.

As we entered into the recession a few years ago, ICC decided to cut costs by eliminating the Supplement cycle and breaking the content of the building codes into 2 groups termed A and B. A group content, which includes structural would be reviewed and voted on during the first 18-months of the 3-year code cycle, while the B group content would be worked on during the second 18-months. The result of this process change, which was strongly protested by NCSEA as well as other industry groups is that proposals for change to the structural provisions of the 2015 I-codes must be submitted by early January 2012, three years before publication of the 2015 code, and before any municipality has even adopted the 2012 version of the code. This makes our ability to have meaningful input to the building codes difficult at best, and throws us mostly into a reactive mode in which our primary mission at ICC is to lobby against inappropriate proposals for change made by others.

The revised ICC operating procedures make it still more important that CAC work with the SDOs to obtain improvement in the building code on behalf of practicing structural engineers. Fortunately, the CAC has developed important liaisons with standards committees operated by SEI (ASCE 7), AISC (AISC 360, 341, 358), and TMS (ACI 503). In addition, we have strong liaison with the National Institute of Building Sciences' Provisions Update and Code Resource Support Committees. Representatives of our Existing Buildings Subcommittee are active in SEI's committee developing an update to the ASCE 41 standard that will address both seismic evaluation and upgrade of existing buildings. Further, the Provisions Update Committee has established a working committee to assist in harmonization of the ASCE 41 requirements and those associated with design of new buildings. We are looking to establish liaisons with ACI (ACI 318) and AF&PA.

Below is a brief report on the activities of our individual subcommittees.

Evaluation Services

NCSEA committee members are part of a joint task force empaneled by ICC-ES to update Acceptance Criteria for proprietary shear panel products used as equivalent substitutes for light framed walls with structural panel sheathing. Over the past 2 years, the committee has been attempting to develop criteria for multi-story panels and panels mounted on flexible bases, including wood platforms, elevated slabs and beams.

In addition to the above, the Evaluation Services committee has been engaged in the review of the FEMA P-695 and P-795 documents developed by the Applied Technology Council as a basis for 1) assignment of R , Ω ,



and C_d factors for structural systems, and determining the equivalency of substitute components for use in defined structural systems.

The committee has coordinated with an active MO committee in SEAOC that has developed a white paper on issues with the evaluation service process and recommendations for improvement. The Evaluation Services committee is actively seeking new members to assist with its mission.

Existing Buildings

One of the most active CAC Subcommittees, in addition to eight Voting Members, the subcommittee has 20 Corresponding Members and Alternates from 18 member SEAs. Corresponding Members added in the last year represent Tennessee, Oregon, Massachusetts, New York, and Utah. We also have 11 non-member Observers. By the end of 2011, the Chair will have made presentations about Existing Building issues to SEAs in Northern California, Connecticut, Georgia, and Rhode Island.

Unlike other structural committees, the Existing Buildings Committee has been assigned to group B, meaning that 18 months is available for development and submittal of code change proposals for the 2015 IEBC. The Committee anticipates submitting code change proposals on behalf of SEAs in California, Florida, Massachusetts, and Washington. Among the topics are revisions to IEBC Appendix Chapters A1, A3, and A4 (prescriptive seismic retrofits), IEBC Appendix Chapter C (voluntary wind retrofit), and possible revisions to definitions and triggers regarding extreme snow loading in response to last winter's heavy snows in the northeast. We will also consider whether to eliminate current I-code duplications by replacing IBC Chapter 34 with the IEBC.

In addition to work associated with the building code cycle, the subcommittee anticipates work on:

- Existing Buildings Case Studies
- IBC Chapter 34 Commentary and flowchart (with SEAOC and SEAU)
- IRC review
- ICC Green Building Code and LEED for Existing Buildings
- Historic building codes
- Coordination with CAC efforts regarding ICC Evaluation Services

General Requirements

2011 was the "Education-Year" in the new IBC three-year cycle and the GRS did not have to write, defend or challenge code change proposals. During the year we met with interested parties regarding open-web-steel-joists, composite and non-composite steel diaphragms, wood trusses and cold-formed steel trusses.

With the heavy winds, tornadoes and snows the country has experienced this year, we have taken on an advisory role in assisting Member Organizations who are investigation structural responses to these forces, and have been a conduit in the dissemination of information on reports from past disasters.

We may be starting a task group on snow removal from roofs. Member Organizations who are interested in this subject can contact the subcommittee chair.

Quality Assurance Committee

The long standing policy of the NCSEA CAC has been to refer to publications by industry standards groups for technical requirements when possible. In the previous code cycle, the QA/SI Subcommittee worked with AISC and TMS to have requirements for special inspection in the code adopted by reference to applicable sections of the AISC and TMS Standards.

The QA/SI Subcommittee is now working with the Steel Deck Institute to produce a standard for quality assurance and quality control for steel deck. Members of the committee have participated in the consensus group developing this standard which currently in its final ballot. Tom Sputo of the Steel Deck Institute will present the draft standard to the QA/SI Subcommittee in our September 2011 meeting. The next step will be to assist SDI in a proposal to ICC to replace and add Special Inspection requirements to the Code through reference to the SDI Standard.

The QA/SI Subcommittee submitted a proposal to improve the Special Inspection Requirements for cold formed steel and wood light frame construction. This proposal is based on an original effort initiated by



Connecticut to address the quality of field constructed wood frame structures. This proposal experienced significant resistance from some groups in the industry. Based on the committee's collective experience, member input and considering the current trend to push the limits of these materials, it is the committee's opinion that light frame systems should have the same level of Special Inspections as other structural systems such as concrete, steel and masonry. This proposal was not approved by ICC. The QA/SI Subcommittee is considering another effort to improve this area of the Code in the next cycle.

Seismic

The Seismic Committee has been working with the Building Seismic Safety Council to affect the seismic design standards. Efforts underway include participation in BSSC's task group studying potential methods of simplifying and improving the ACI Appendix D criteria for anchorage. Kevin Moore, chair of CAC's Seismic Advisory Committee, is chairing the BSSC effort on this, following his successful participation in development of the improved anchorage criteria for low-rise residential construction contained in the 2012 IBC.

Wind

The Wind Committee participated in a internet-based survey of engineer's preferred methods of generating wind loads, including the Simplified Procedure CAC introduced in the 2009 IBC, the all-heights analytical method in ASCE-7 or the several Simplified methods contained in ASCE-7. More than 1,500 engineers participated in this survey. The overwhelming response was that engineers most commonly used the "all-heights analytical method" and that the proliferation of Simplified Methods contained in the code and the standards was not helpful. As a result, CAC will likely introduce a proposal to remove the Simplified Wind provisions from the 2015 IBC.



Continuing Education Committee Report

Submitted by Michael J. Tylk and Carrie Johnson

General

The Continuing Education Committee consists of Sue Frey, John Malcolm, Tom DiBlasi, Bob Crossno, Joe Luke, David Puskas, Bob Paullus, Carrie Johnson, Co-Chair and Mike Tylk Co-Chair.

The Committee meets via conference calls. The calls are at least monthly and sometimes bi-weekly when planning for upcoming Winter Institute programs.

The Committee would like to thank the NCSEA Office Staff, Jeanne Vogelzang, Jan Diepstra, Melissa Matarrese and Joyce VanWieren for their support and hard work.

Structural Engineering Winter Institute

The twelfth annual Winter Institute will be held on February 10-11, 2012 at The Hotel Monteleone in New Orleans, Louisiana. The two day seminar is titled “Soft Soil – Water and Wind” and will include a tour of the Inner Harbor Navigation Canal (IHNC) and the Lake Borgne Surge Barrier as well as presentations about the design challenges of this structure. The following additional topics will be covered: ASCE 7-10 Wind Design, Hurricane and Tornado Shelter Design, Flood and Retaining Wall Design, Soil Improvement Methods, Wave and Flood Loading, Building Foundations on Soft Soils, and Design of Piles and Piers for Lateral Loads.

NCSEA Diamond Review Program

Our Diamond Review Program is gaining momentum. To date we have approved over 14 seminars including those for Hilti, Power Fasteners, Fortacrete (USG), Simpson Strong Tie, Vector Corrosion Technologies, and courses by Tim Mays.

Webinars

Our goal is to provide one to two webinars per month. We have had 16 webinars to date this year, with the following webinars still planned for 2011:

- November 3: “Seismic Isolation: The Best Possible Earthquake Protection” by Ian Aiken
- November 10: “Seismic Design Using Energy Dissipation Devices” by Ravi Kanikar
- December 1: “Flatness & Levelness of Floors, Old, Specifications/ New Methods”

Plus we have already scheduled a number of webinars for 2012. The NCSEA web site is updated regularly with upcoming topics.

We tried a new type of webinar this year, with “Sue Frey’s Exam Review, Licensing, and Reciprocity” given as a public service with a really low connection fee, to provide engineers with information on the new 16-hour SE exam. We had record breaking attendance and plan to provide more of this type of webinar in the future.

SE Exam Review Webinar

The New 16 hour SE Exam started in April of 2011, and the Continuing Education Committee worked with Kaplan Construction Education to develop a series of webinars that will prepare engineers for the exam. The first set of webinars was given prior to the April exam and the second set prior to the October exam. We are currently in the planning stages for providing the series again, prior to the April 2012 exam. We have continued to work to improve the quality of the course and would like to thank the following engineers for providing the time and expertise that made this effort a success:

Jennifer Butler, PE
Susan Frey, PE, SE
Ravi Kanitkar, SE

Donald Scott, SE
John Lommler, PhD, PE
Tim Mays, PhD, PE

Joe Miller, PhD, PE
Rafael Sabelli, SE



NCSEA Licensing Committee Report

Submitted by: Chair, Susan Jorgensen

Committee Members: Barry Arnold, Gretchen Bryc, Greg Cuetara, Michael Fletcher, Susan Frey, Thomas Grogan, Carl Josephson, George Kelley, John Kelly, Colin Maynard, Ronald Milmed, Tim Rickborn, Jon Schmidt and Pete Vaccaro.

The Licensing Committee continues to see progress in furthering the licensing of Structural Engineers in a number of states. Several states have joined the ranks of those with active committee pursuing separate licensing including South Carolina, Oklahoma, Connecticut, Maine, and Minnesota. Florida, California, Nebraska and Texas are developing proposed changes to the laws governing the practice of engineering in their states that they hope to present in the next session of their legislature.

The new NCEES 16-hour Structural Exam was given for the first time in April 2011. According to NCEES “Out of 50 states and 4 territories, 49 of them offered the exam in April” with two more expected to begin offering it in October. The pass rate for this first offering was 27% for the entire two-day exam. NCEES does not break up the scoring by component preferring to focus on the exam as a whole as both the Vertical and the Horizontal components are required to pass the exam. The roll out of this new exam for Structural Engineers has been the initiation of conversations concerning changes with a number of licensing boards across the country and will continue to be a means for raising the awareness of the need for a change.

The committee continues to reach out to the various states in the hopes of spurring more activity. Susie Jorgensen and Barry Arnold visited Oklahoma, Georgia, Connecticut and Maine this year. Each state with an active Licensing Committee is encouraged to have a representative from their committee become a member of the NCSEA Licensing Committee with five new members joining this year. In this way the Committee has direct information on the states’ activities and how the Committee can be of assistance to move the initiative forward.

The Committee continues to keep the issues of licensing and practice restrictions for Structural Engineers in front of the engineering community in many ways. A number of articles were published in STRUCTURE magazine related to the licensing of Structural Engineers. These included:

- “Portability, Reciprocity, Comity and You” by Barry Arnold, October 2010
- “Structural Licensing: The Current State of US Practice” by Susan M. Frey, March 2011
- “Structural Licensing: The Current State of US Practice, Part 2” by Susan M. Frey, April 2011
- “Separate SE Licensure: Parallel to or in Series with PE Licensure?” by Susan Jorgensen, June 2011
- “Grandfathering” by Barry Arnold, June 2011
- “The SE Exam as a Learning Opportunity” by Barry Arnold, July 2011

Barry Arnold presented “Lessons Learned from the Utah Experience” at the 2011 SEI Structures Congress. Jon Schmidt has developed a trilogy of articles for the InFocus section of STRUCTURE magazine that help make the case for separate licensing of Structural Engineers. These started with “Incompetent and Unaware of It” in March, “The Case for Discipline-Specific Licensure” in July and “The Case of Structural Licensure” which will appear in the September issue. A version of the first of these was also published in ENR magazine in January taking the topic to an audience beyond the structural engineering community.

The Committee worked with the Board to develop the “Proposed Policy of NCSEA on Separate Structural Engineering Licensure” which will be presented at the Annual Conference in October. The Policy will be discussed and voted upon by the delegation during the Saturday afternoon session. Following the vote, the delegation will break up into sessions to develop strategies to move this initiative forward in more states. These strategies will be made available to the state committees on licensing of structural engineers as aids in making changes in their states.

The Committee will continue to encourage and support separate licensing of structural engineers in each and every state. Committee members are available to give presentations to engineering groups to raise the awareness of these issues. Several more articles for STRUCTURE magazine and others are planned for the upcoming year. The Committee will work with the Board to get our Policy on Structural Engineering Licensure out to the engineering community. We also encourage structural engineers across the country to become active in the further



development of the NCEES SE exam and to step up to become members of their licensing board. We hope to see changes made in a few states this next year and more states becoming active in this issue as the need to raise the bar becomes ever more important.



NCSEA Member Organization Development Committee Report

Submitted by: Chair, Ed Huston

Committee Members: Ed Huston, Bill Bast

In December we met with members of SEAoNY to discuss starting a Chapter in Albany, New York. I asked for an Albany, New York contact and was given the name of David Biggs. I know David and we discussed this possibility at the Structures Congress in April. I asked David for some information, but have not received it yet.

Recent email correspondence has indicated a possible opportunity to restart a Member Organization in New Jersey. New Jersey is one of the recent states to require Continuing Professional Development. We are gathering names of possible contacts and will proceed to investigate this option.

I have discussed a Member Organization in West Virginia with Jim Cagley. I have asked Jim to forward some names of contacts in West Virginia to me.

If Board Members or Delegates have names of possible contacts for New Jersey, North Dakota, South Dakota, Wyoming, or West Virginia, please forward them to me.



NCSEA Publications Committee Report

Submitted by: Chair, Timothy W. Mays

Committee Members:

Chun Lau
Dan Campbell
Michael Donoghue
John Finke
Jon Kiland
Roberto Leon
Badri Prasad
Tom Abel
Clem McCarey

This has been a very busy year for the NCSEA Publications Committee. Last year, the committee completed our second major publication titled *Guide to the Design of Out-of-Plane Wall Anchorage Based on the 2006/2009 IBC and ASCE/SEI 7-05*, developed an associated full day and 1/2 day short course on the guide, and taught the course to hundreds of engineers across the United States. The short courses for both design guides have continued on the books including separate courses given on the west coast by the book authors and several upcoming courses for the fall. To date, approximately 3,000 total books (the majority from the associated short courses) have been sold making the publications a complete success.

Over the past year, the committee has completed our third book titled *Inspection, Testing, and Monitoring of Buildings and Bridges*. Several national experts from across the United States have contributed chapters to this practical guide for examining damaged structures or structures that appear to be failing. Final editing of the document will take up to six months according to ICC. The book should appear in early 2012.

Work on a fourth publication on the analysis, design, and detailing of sheet pile wall systems is about 85% complete. There was a setback on the publication when one of the authors unexpectedly passed away. The committee is still modifying the guide to include more practical design examples and proper reference to available software. This document should be complete in mid 2012.

Other publications that should be complete sometime in 2012 include the following list with final titles not yet selected:

Guide to the Design for Servicability (ASCE 7-10 and IBC 2012)
Guide to the Design of Foundation Systems (IBC 2012)
Guide to the Design of Signs (ASCE 7-10 and IBC 2012)

The committee last met at the winter institute in 2011. The next committee meeting is planned for November 2011 in Atlanta.



Structural Engineers Emergency Response (SEER) Committee Report

Submitted by Scott G. Nacheman, Chair

2010 - 2011 Objectives

The following Objectives were pursued in 2010 – 2011. These are a combination of internal objectives as well as those presented in the 2011-2015 NCSEA Strategic Plan:

1. Publish Updated SEER Manual
2. Expansion of Legislative and Government Affairs (LGA) Subcommittee
3. Publication of LGA Committee articles.
4. Publication of SEER Committee articles
5. Updating of SEER Web Page
6. Coordination with allied associations such as TISP and the ASCE Committee on Critical Infrastructure.
7. Coordinate and communicate with all MO's SEER committees and obtain databases by Fall 2011
8. Coordinate and communicate with all MO's SEER committees assessing the state Good Samaritan Laws by Fall 2011
9. Obtain copies of state Good Samaritan Laws and determine differences between them by Spring 2012
10. Compile list of MO members that have received ATC\$20 and ATC\$45 training classes as of October 2011; SEER Database of MO members containing contact information and training/experience/licensure/certification data.
11. Addition of New Committee Members.
12. Media Information/Boilerplate press release and fact/FAQ sheet development.
13. ATC Program delivery.
14. Newsletter updates (SEER and LGA).
15. Expansion of Legislative and Government Affairs (LGA) Subcommittee/Legislation development.

2011 Status Update

The 2011 season has been a very busy one for the members of the SEER Committee. In addition to their typical work load, many committee members spent several weeks and months deployed to the various natural disasters that the nation and world faced within the last 18 months. In the development of the amendments to the new SEER Manual, Committee members have drawn upon their real world experience in Haiti, Japan, New Zealand, and the nationwide flooding that has occurred this year. While these experiences have provided some fantastic feedback and guidance to the Committee, members' extended absences also made establishing time for committee meetings difficult. Never the less, we had a successful year that involved the completion of the Manual, presentations at several conferences as well as successful collaboration with allied professional associations at both the national level as well as the state level. Below is a summary of the status of our above listed objectives:

1. Publish Updated SEER Manual

The Second Edition SEER Manual text has been completed and preliminary formatting has been performed. It is recommended that a professional graphics firm compile and format the document for web-based publication.

2. Expansion of Legislative and Government Affairs (LGA) Subcommittee

No notable progress to report.

3. Publication of LGA Committee articles.

No notable progress to report.

4. Publication of SEER Committee articles.

Although articles were not published this year, we did present at a TISP conference and had our presentation and notes included in the Proceedings.

5. Updating of SEER Web Page.

Most information is up to date. The following items need updating: Inclusion of information for Bracken and Wolfson; inclusion of 2010 or 2011 committee reports; addition of web form for 2011 SEER Manual.

6. Coordination with allied associations such as TISP and the ASCE Committee on Critical Infrastructure.



In addition to finalizing the Manual, this has been the primary focus of SEER Committee members in 2011. SEER members have helped to facilitate and strengthen multi-association collaboration between AIA, ASCE, APWA, TISP and our MOs in Utah, Rhode Island, Colorado, Massachusetts, Pennsylvania, Illinois and other states and cities. This collaboration has led to a unified effort for the organization, training and deployment of Design Professionals in the event of disasters. We see this collaborative effort as being the only way to maintain our involvement and high standard of care for SEs in emergency response. Most committee efforts will continue to focus on these needs in 2012.

7. Coordinate and communicate with all MO's SEER committees and obtain databases by Fall 2011. NCSEA does not currently have a list of email addresses for all SEA members. They rely on the Member Organizations to disseminate information as well as track individual members. This makes obtaining information from individuals difficult, and dissemination of notifications just as daunting (i.e. when we were looking for volunteers for Haiti, Japan, New Zealand and the 2011 Flooding). With the new NCSEA web site in 2010 we proposed a web_based portal to collect SEER volunteer information AND training/qualifications/experience information at a national level. Board level staff was directed to develop the electronic form for this based on current SEER documents in 2011 for edit and comment by SEER committee members. No development has occurred to date.

8. Coordinate and communicate with all MO's SEER committees assessing the state Good Samaritan Laws by Fall 2011. This effort has been addressed on an as_needed basis by committee members.

9. Obtain copies of state Good Samaritan Laws and determine differences between them by Spring 2012. This information has been downloaded but not analyzed.

10. Compile list of MO members that have received ATC_20 and ATC_45 training classes as of October 2011; SEER Database of MO members containing contact information and training, experience, licensure, certification data. See #7 above.

11. Addition of New Committee Members.

New members were added in the 2010 calendar year to better balance the geographic distribution of members. No new members are needed at this time. It is recommended that applications from interested members be returned with suggestion that MO-level committees be formed and expanded.

12. Media Information/Boilerplate press release and fact/FAQ sheet development. Some progress. Press releases issued in conjunction with NCSEA staff following 2010 and 2011 disasters.

13. ATC Program delivery.

Some progress. Collaboration for CalEMA SAP and ICC programs are more appropriate in order to comply with the forthcoming FEMA standards.

14. Newsletter updates (SEER and LGA).

No notable progress.

15. Expansion of Legislative and Government Affairs (LGA) Subcommittee/Legislation development.

No notable progress.

Current Committee Membership

Scott G. Nacheman, Chair, Thornton Tomasetti, Inc.

William Bracken, Bracken Engineering

Craig Dashner, Orchard, Hiltz & McCliment, Inc.

Chad R. Fischer, Engineering System Inc.

Bil Hawkins (Centennial, CO)

August W. Domel, Advisor, Chair

Emeritus Engineering Systems, Inc

Douglas Fell, Clark Engineering Corporation

Stanley Fuller, Jezerinac Geers & Associates

David Hammond, Structural Engineer

David Wolfson, United States Air Force

John Schwab, Legislative and Government Affairs

Subcommittee Chair, Schwab Structural Engineering,

Inc.



Conference Registrants

First Name	Last Name	Company	City	State/Prov.
Tom	Abel	Abel Engineering Inc	Kalispell	MT
Jennifer	Ahlport	Degenkolb Engineers	Seattle	WA
Roberto	Archila	Haskell	Jacksonville	FL
Barry	Arnold	ARW Engineers	Ogden	UT
Moustapha	Ary	University of Oklahoma	Norman	OK
Alex	Azodi	Omega Structural Engrs	Newbury	NH
Jacquelyn	Baker	University of Oklahoma	Norman	OK
Bruce	Baker	Wallace Engineering	Tulsa	OK
Kent	Barber	LR Nelson Consulting	Las VEGas	NV
Craig	Barnes	CBI Consulting Inc	Boston	MA
Marc	Barter	Barter & Associates, Inc.	Mobile	AL
Ryan	Baskin	Oklahoma State University	Stillwater	OK
William	Bast	Thornton Tomasetti	Chicago	IL
Jim	Beicker	J L Beicker Co	San Antonio	TX
Joshua	Bement	Frankfurt Short Bruza	Oklahoma City	OK
Jenny	Bergen	University of Oklahoma	Norman	OK
John	Bocox	Zahl-Ford	Oklahoma City	OK
Paul	Boer	University of Oklahoma	Norman	OK
Richard	Boggs	AI Engineers	Middletown	CT
Robert	Bourdages	Stantec Consulting	Edmonton	Alberta
Chris	Breazile	University of Oklahoma	Norman	OK
Zachary	Bright	University of Oklahoma	Norman	OK
Gene	Brown	Frankfurt Short Bruza	Oklahoma City	OK
Gretchen	Bryc	Advantage Group Engineers	Cincinnati	OH
Jesse	Burdis	University of Oklahoma	Norman	OK
Aaron	Burgess	SAIC	Tulsa	OK
Alyse	Burgess	University of Oklahoma	Norman	OK
Jesse	Burke	Burke Engineering, LLC	Columbia	SC
Evan	Burns	University of Oklahoma	Norman	OK
Tom	Bush	Frankfurt Short Bruza	Oklahoma City	OK
Jennifer	Butler	Oklahoma State Univ. Inst. of Technology	Tulsa	OK
James	Cagley	Cagley & Associates	Rockville	MD
Mark	Caldwell	Apex Engineering, Inc.	Calvert City	KY
Jim	Carey	J & G Steel Corp.	Sapulpa	OK
Brian	Carmichael	Star Building Systems	Oklahoma City	OK
William	Castle	W.J. Castle, P.E. & Assoc.	Hainesport	NJ
Carlos	Chang	University of Oklahoma	Norman	OK
Kenna	Chapin	Wallace Engineering	Tulsa	OK
Dustin	Cole	Star Building Systems	Oklahoma City	OK

W. Gene	Corley	CTLGroup	Skokie	IL
Chris	Corley	Star Building Systems	Oklahoma City	OK
Greg	Cuetara	Stantec	Scarborough	ME
Ian	Cyr	Crafton Tull	Tulsa	OK
Tim	Dall	DuBois & King, Inc.	Williston	VT
Michael	Daly	Coreslab Structures (OKLA)	Oklahoma City	OK
Mark	D'Amato	DCI Engineers	Seattle	WA
Jeffrey	Davis	Dunbar Milby Williams Pittman,Vaughan	Richmond	VA
Sandi	Davison	The Clark Enersen Partners	Lincoln	NE
Roy	Dean	Trumble Dean LLC	Oklahoma City	OK
Seraji	Debbie	Pyramid Consulting	Lexington	KY
Brian	Dekker	Robert L. Miller Associates	Rolling Meadows	IL
Thomas	DiBlasi	DiBlasi Assoc.	Monroe	CT
Rob	Driskill	Obelisk Engineering	Oklahoma City	OK
Timothy	Duncan	University of Oklahoma	Norman	OK
Robert	Durfee	Dubois & King, Inc.	Bedford	NH
Brandon	Ezell	University of Oklahoma	Norman	OK
Bonnie	Fentem	Oklahoma State University	Stillwater	OK
Weston	Fite	Trumble Dean LLC	Oklahoma City	OK
Paul	Fleming	Acme Brick Company	North Little Rock	AR
William	Ford	Ford Engineering	Tulsa	OK
Jamison	Fox	Internat'l Industrial Contracting	Sterling Heights	MI
Ryan	Francka	White Engineering Associates	Oklahoma City	OK
Susan (Sue)	Frey	CH2M HILL	Corvallis	OR
Rachel	Funkhouser	Oklahoma State University	Stillwater	OK
Paul	Gagnon	Moseley Architects	Richmond	VA
Ranan	Gangel	KKT Architects	Tulsa	OK
Matt	Gebhardt	Wallace Engineering	Tulsa	OK
Jim	Geurin	KKT Architects	Tulsa	OK
Cassie	Gonzales	University of Oklahoma	Norman	OK
Darin	Griggs	Wallace Engineering	Tulsa	OK
Thomas	Grogan	The Haskell Company	Jacksonville	FL
Andre	Guzman	University of Oklahoma	Norman	OK
Denise	Hale	White Engineering Associates	Oklahoma City	OK
Gretchen	Hall	Catena Consulting Engrs	Portland	OR
Ron	Hamburger	Simpson Gumpertz And Heger	Belmont	CA
Mike	Hargis	Zahl-Ford	Oklahoma City	OK
D. Kirk	Harman	The Harman Group, Inc.	King of Prussia	PA
Dennis	Harris	Star Building Systems	Oklahoma City	OK
Chris	Harris	Zahl-Ford	Oklahoma City	OK
Brenda	Harvey	Oklahoma State University	Stillwater	OK
Jerry	Hasselwander	Zahl-Ford	Oklahoma City	OK
Mike	Heidary	Alliance Steel	Oklahoma City	OK

Kurt	Heidenreich	Engineering Resources, Inc.	Fort Wayne	IN
Matthew	Hickey	Clark Nexsen	Charlotte	NC
Chris	Hill	Wallace Engineering	Tulsa	OK
Krystyn	Hobbs	University of Oklahoma	Norman	OK
James	Hoffman	Engineering Solutions, LLC	Oklahoma City	OK
Herbert	Holz III	DiBlasi Associates, P.C.	Monroe	CT
David	Horos	Skidmore, Owings & Merrill LLP	Chicago	IL
Scott	Hughes	Robert Silman Associates	New York	NY
Allen	Hurtz	Star Building Systems	Oklahoma City	OK
Ed	Huston	Smith & Huston, Inc., Consulting Engineers	Seattle	WA
John	Hutton	Uzun & Case	Atlanta	GA
Steven	Jacob	Crafton Tull	Tulsa	OK
Ron	Jantz	Wallace Engineering	Tulsa	OK
Gary	Jaster	Jaster-Quintanilla	Austin	TX
Ian	Jehn	University of Oklahoma	Norman	OK
Hongping	Jiang	John Zink Company	Tulsa	OK
Carrie	Johnson	Wallace Engineering	Tulsa	OK
Phil	Johnson	Star Building Systems	Oklahoma City	OK
Jason	Johnston	Garver	North Little Rock	AR
Orin	Johnston III	JAG Engineering, LLC	Edmond	OK
Susan	Jorgensen	LEO A DALY	Denver	CO
Jose	Joseph	White Engineering Associates	Oklahoma City	OK
John	Joyce	Engineering Solutions	Oklahoma City	OK
Joe	Kallaby	OSI	Houston	TX
John	Kelly	B&T Engineer, Inc.	Tulsa	OK
Andrew	Kern	Wallace Engineering	Tulsa	OK
Anu	Khanna	Star Building Systems	Oklahoma City	OK
Kristin	Killgore	Zahl-Ford	Oklahoma City	OK
Chris	Kimball	West Coast Code Cons.	Layton	UT
Alan	Kirkpatrick	Kirkpatrick Forest Curtis	Oklahoma City	OK
Travis	Koehring	Wallace Engineering	Tulsa	OK
Shannon	Koeninger	SAIC	Tulsa	OK
Mondher	Labbane	Wallace Engineering	Tulsa	OK
Aaron	Landrum	Crafton Tull & Associates, Inc	Tulsa	OK
Chun	Lau	DCI Engineers	Seattle	WA
Cory	Lechtenberger	Wallace Engineering	Tulsa	OK
Peter L	Lee	Skidmore, Owings & Merrill LLP	San Francisco	CA
Karyl	Lee	White Engineering Associates	Oklahoma City	OK
Aaron	Lewis	Wallace Engineering	Tulsa	OK
Hai Wei	Lim	University of Oklahoma	Norman	OK
Jinhong	Lin	Braden Manufacturing	Tulsa	OK
Tieng	Ling	Crafton Tull	Tulsa	OK
Jami	Lorenz	BCE Structural	Bozeman	MT

Diana	Lucero	University of Oklahoma	Norman	OK
Joseph	Luke	Jose I. Guerra, Inc.	Austin	TX
Lance	Luke	Oklahoma State University	Stillwater	OK
Roland Dale	MacCallum	Linde Process Plants	Tulsa	OK
Erik	Madsen	Madsen Engineering	Brooklyn	NY
Jim	Malley	Degenkolb Engineers	San Francisco	CA
Jessica	Mandrick	Gilsanz Murray Steficek LLP	New York	NY
Syam	Mannava	Structures America Innovative Engineering	Edmond	OK
Mike	Manor	Ericksen Roed & Associates	Saint Paul	MN
Masil	Masilamani		Norman	OK
Laurent	Massenat	Obelisk Engineering	Oklahoma City	OK
Chris	Maxwell	Oklahoma State University	Stillwater	OK
Dan	Mazzei	Wallace Engineering	Tulsa	OK
Brandon	McBee	Zahl-Ford	Oklahoma City	OK
Sarah	McClendon	McClendon Engineering	Boise	ID
Gary	McCracken	Metro Engineering	Edmond	OK
Bill	McGee	Star Building Systems	Oklahoma City	OK
Katy	McNeil	University of Oklahoma	Norman	OK
Brad	Milanowski	B & T Engineering	Tulsa	OK
Ronald	Milmed	Bliss & Nyitray, Inc.	Hollywood	FL
Charles	Mish	University of Oklahoma	Norman	OK
Edward	Moll	Structures North Consulting Engineers	Salem	MA
Ricardo	Montoya	Oklahoma State University	Stillwater	OK
Sean	Morris	Coreslab Structures (OKLA)	Oklahoma City	OK
Brad	Moyes	KPFF	Portland	OR
Estefania	Munoz	University of Oklahoma	Norman	OK
Franz	Mutis	Star Building Systems	Oklahoma City	OK
Tahir	Nasir	NSE Engineering Consultants	Norman	OK
Ben	Nelson	Martin/Martin, Inc.	Lakewood	CO
Brent	Norris	J.R. Harris & Co	Denver	CO
Mark	O'Barr	Blackburn Daniels O'Barr	Lowndesboro	AL
John	O'Brien	Pruitt Eberly Stone	Atlanta	GA
Steven	O'Hara	Oklahoma State Univ.	Stillwater	OK
Uchenna	Okoye	McNamara/Salvia	Boston	MA
Jim	Palmer	KCP&L	Kansas City	MO
Rhett	Paxson	Wallace Engineering	Tulsa	OK
Brent	Perkins	Dudley Williams & Associates	Wichita	KS
Frank	Pierce		Edmond	OK
Brian	Pietras	Rickborn & Associates, LLC	Mount Pleasant	SC
David	Poe	Anchor Engineering, Inc.	Denver	CO
Travis	Poole	University of Oklahoma	Norman	OK
Nick	Prather	Oklahoma State University	Stillwater	OK
Amber	Prom	Wallace Engineering	Tulsa	OK

Dave	Puskas	Cherokee CRC	Tulsa	OK
Ed	Quesenberry	Equilibrium Engineers LLC	Lake Oswego	OR
Brian	Quinn	SE Solutions, LLC	Holland	MI
Gary	Quinonez	University of Oklahoma	Norman	OK
Carisa	Ramming	Oklahoma State University	Stillwater	OK
Chris	Ramseyer	University of Oklahoma	Norman	OK
Eric	Rathgeber	Rathgeber/Goss Associates, PC	Rockville	MD
Andrew	Rauch	BKBM Engineers	Minneapolis	MN
Michael	Reyes	Wallace Engineering	Oklahoma City	OK
Kyle	Renevier	University of Oklahoma	Norman	OK
Terrance	Ridenhour	Linde Process Plants	Tulsa	OK
Paul	Rielly	Half Associates, Inc.	Fort Worth	TX
Cathy	Riley	SEAOSD	El Cajon	CA
Carlos	Rincon	University of Oklahoma	Norman	OK
Gullermo	Rojas	Englobal	Tulsa	OK
Paul	Rose	Phillips Slaughter Rose	Jenks	OK
Jesse	Roswurm	University of Oklahoma	Norman	OK
Seth	Roswurm	University of Oklahoma	Norman	OK
Hari	Rotithor	B & T Engineering	Tulsa	OK
Sam	Rubenzler	FORSE	Eau Claire	WI
David	Ruby	Ruby + Associates, Inc.	Farmington Hills	MI
Marissa	Samaripa	Star Building Systems	Oklahoma City	OK
Colby	Sandburg	Zahl-Ford	Oklahoma City	OK
Matt	Schachle	Wallace Engineering	Oklahoma City	OK
Greg	Schindler	KPFF Consulting Engrs	Seattle	WA
Don	Schinske	SEAOC	Sacramento	CA
Jon	Schmidt	Burns & McDonnell	Kansas City	MO
Doug	Schmucker	Zahl-Ford	Oklahoma City	OK
David	Schoell	Wallace Engineering	Tulsa	OK
Otto	Schwarz	Carpenter Wright Engineers	Nashville	TN
Wesley	Segawa	Wesley R. Segawa and Associates, Inc.	Hilo	HI
Mohammad	Seraji	Pyramid Consulting Struc.	Lexington	KY
Ryan	Shafer	Oklahoma State University	Stillwater	OK
Dean	Shafer	SAIC	Bixby	OK
Colleen	Shappee	University of Oklahoma	Norman	OK
Haley	Sheddy	Oklahoma State University	Stillwater	OK
Jill	Shuttleworth	JTS Engineering	Sunnyside	WA
Peter	Smith	B & T Engineering	Tulsa	OK
Chris	Snider	Zahl-Ford	Oklahoma City	OK
Fred	Sobottka	Beauchamp Engineering, Inc.	Cave Creek	AZ
Danny	St. John	Zahl-Ford	Oklahoma City	OK
Patrick	Steward	City of Winfield	Winfield	KS
Andrew	Stuart	Wallace Engineering	Tulsa	OK

Barbara	Stuart	Wallace Engineering	Tulsa	OK
Ana	Thompson	White Engineering Associates	Oklahoma City	OK
Jessie	Thompson	Zahl-Ford	Oklahoma City	OK
Mike	Thompson	Zahl-Ford	Oklahoma City	OK
Vinay	Thottunkal	Star Building Systems	Norman	OK
Ravi	Thukaram	SAIC	Tulsa	OK
Pat	Toney	Star Building Systems	Oklahoma City	OK
Nicholas	Torres	Chavez Grieves	Los Lunas	NM
Emile	Troup	Consulting Engineer	Jensen Beach	FL
Russell	Trumble	Trumble Dean LLC	Oklahoma City	OK
Rachael	Tucker	Wallace Engineering	Tulsa	OK
Joseph	Tuttle	Coreslab Structures (OKLA)	Oklahoma City	OK
Michael	Tylk	TGRWA, LLC	Chicago	IL
Scott	Vance	B & T Engineering	Tulsa	OK
Kadiri	Venkatesha	Tetra Tech	Broken Arrow	OK
Larry	Vorba	Cynergy AEC	Tulsa	OK
Kevin	Wadley	Coreslab Structures (OKLA)	Oklahoma City	OK
Brian	Walker	Wallace Engineering	Tulsa	OK
Tom	Wallace	Wallace Engineering	Tulsa	OK
David	Walton	Wallace Engineering	Oklahoma City	OK
Williston "Bill"	Warren	SESOL, Inc.	Costa Mesa	CA
Robert	Weilacher	Uzun & Case Engineers	Atlanta	GA
Ronald	White	White Engineering Associates	Oklahoma City	OK
Wendell	Williams		Oklahoma City	OK
Chris	Willis	Frankfurt Short Bruza	Oklahoma City	OK
Sarah	Woodard	Wallace Engineering	Tulsa	OK
Doug	Yarholar	White Engineering Associates	Oklahoma City	OK
Sing	Yii	Alliance Steel	Oklahoma City	OK
Stephanie	Young	Mattson Macdonald Young, Inc.	Minneapolis	MN
David	Zuk	Wallace Engineering	Oklahoma City	OK



2010 Excellence in Structural Engineering Award Finalists

Category 1: New Buildings under \$10 Million

A. Zahner Company Facility - Kansas City, MO

Structural Engineer: Wallace Engineering Structural Consultants, Inc.

Fishers Island Residence - Fishers Island, NY

Structural Engineer: Skidmore, Owings & Merrill LLP

Raymond and Susan Brochstein Pavilion - Houston, TX

Structural Engineer: Haynes Whaley Associates

Category 2: New Buildings \$10 Million to \$30 Million

Airport Traffic Control Tower - Dayton, OH

Structural Engineer: AECOM

HL 23 - New York, NY

Structural Engineer: DeSimone Consulting Engineers

Pasadena Department of Water & Power Building - Pasadena, CA

Structural Engineer: Brandow & Johnston, Inc.

Category 3: New Buildings \$30 Million to \$100 Million

Gateway Center, Westchester Community College - Valhalla, NY

Structural Engineer: Leslie E. Robertson Associates, RLLP

Irving Convention Center at Las Colinas - Irving, TX

Structural Engineer: Datum Engineers, Inc.

Shriners Hospitals for Children - Portland - Portland, OR

Structural Engineer: Catena Consulting Engineers

Category 4: New Buildings over \$100 Million

Arena Stage at the Mead Center for American Theater - Washington, DC

Structural Engineer: Fast + Epp

Bank of Oklahoma Center (BOK) - Tulsa, OK

Structural Engineer: Thornton Tomasetti, Inc.

University of California, San Francisco, Ray and Dagmar Dolby Regeneration Medicine Building - San Francisco, CA

Structural Engineer: Forell/Elsesser Engineers, Inc. and Nabih Youssef & Associates

Category 5: New Bridge and Transportation Structures

Mexicantown Bagley Street Pedestrian Bridge - Detroit, MI

Structural Engineer: HNTB Michigan Inc.

Mike O'Callaghan-Pat Tillman Memorial Bridge - Des Moines, IA

Structural Engineer: T.Y. Lin International

Washington Bypass - Washington, N.C.

Structural Engineer: Flatiron and AECOM

Category 6: International Structures over \$100 Million

Altra Sede Regione Lombardia - Milan, Italy

Structural Engineer: Thornton Tomasetti Inc.



Bitexco Financial Tower - Ho Chi Minh City, Vietnam
Structural Engineer: Leslie E. Robertson Associates, RLLP

U.S. Embassy, Beijing
Structural Engineer: Skidmore, Owing & Merrill LLP

Category 7: Forensic / Renovation / Retrofit / Rehabilitation Structures

Pier Stabilization and Partial Demolition - Chester, PA
Structural Engineer: William J. Castle, P.E. & Associates, P.C.

The Carquinez Senior Apartments - Richmond, CA
Structural Engineer: Tipping Mar

Warner Drive - Culver City, CA
Structural Engineer: Structural Focus

Category 8: Other Structures

Cai Guo-Qiang: I Want to Believe Exhibit, Inopportune: Stage One - New York, NY
Structural Engineer: Gilsanz Murray Steficek

Left Coast Lifter - San Francisco Bay, CA
Structural Engineer: Liftech Consultants

Staring Lake Observatory - Eden Prairie, MN
Structural Engineer: Larson Engineering, Inc.



**National Council of Structural Engineers Associations
Nineteenth Annual Conference
Oklahoma City, Oklahoma
October 20 - 22, 2011**

Continuing Education Certification

Name: _____

Thursday, October 20, 2011

Continuing Education Contact Hours

			Available	<u>SECB</u>
	Attended			
10:30 a.m. – 12:00 p.m.	Licensing Committee	1.5	E	_____
11:00 a.m. – 4:00 p.m.	Basic Education Committee	5.0	E	_____
1:00 p.m. – 4:00 p.m.	Code Advisory Wind Engineering Subcommittee	3.0	E	_____
1:00 p.m. - 5:00 p.m.	Code Advisory General Engineering Subcommittee	4.0	E	_____
1:00 p.m. – 5:00 p.m.	Code Advisory SI/QA Subcommittee	4.0	E	_____
<u>NCSEA Forums</u>				
1:00 p.m.- 2:00 p.m.	Ethics in Structural Engineering – Barry Arnold	1.0	F	_____
3:15 p.m. – 4:15 p.m.	Speaking to the Media – Gerry Bond	1.0	F	_____
<u>Software Presentations</u>				
1:00 p.m. – 1:30 p.m.	RISA Technologies	.5		_____
1:40 p.m. – 2:10 p.m.	CSC, Inc	.5		_____
2:20 p.m. – 2:50 p.m.	Structural Desktop, Inc.	.5		_____
3:20 p.m. – 3:50 p.m.	Bentley Systems	.5		_____
4:00 p.m. – 4:30 p.m.	S-FRAME Software, Inc.	.5		_____
4:40 p.m. – 5:10 p.m.	Design Data	.5		_____

Thursday total: _____ hours

Friday, October 21, 2011

8:30 a.m. - 9:15 a.m.	<i>International Structural Engineering Practice – It's Not just About the Calcs – James R. Cagley</i>	.75	F	_____
9:15 a.m. - 10:00 a.m.	◆ <i>Making Sense of the Rubble through Forensic Investigation After the Oklahoma City and 9/11 Bombing Attacks</i> Gene Corley	.75	A	_____
10:45 a.m. - 11:45 a.m.	◆ <i>Forensic Design Panel Discussion</i> Tim Slider, Ron Hamburger, Marc Barter	1.0	A	_____
12:00 p.m.- 12:30 p.m.	◆ <i>Hurricane Irene - Road & Bridge Devastation in Vermont and New Hampshire</i> Bob Durfee	.5	B	_____
<u>Track 1</u>				
1:00 p.m. - 1:45 p.m.	◆ <i>The Building Code Process Today</i> Ron Hamburger	.75	A	_____
1:45 p.m. - 2:30 p.m.	◆ <i>Building Code Panel Discussion</i> Gene Corley, Greg Schindler, Jim Malley	.75	A	_____
3:15 p.m. - 4:00 p.m.	◆ <i>Specialty Structural Engineering – What I Learned After College – Bill Bast</i>	.75	A	_____
4:00 p.m. - 5:00 p.m.	◆ <i>Specialty Engineering Panel Discussion</i> Craig Barnes, Mike Tylk, Emile Troupe	1.0	A	_____

Track 2

1:00 p.m. - 1:45 p.m.	◆ <i>Investigation, Design, and Construction for Renovation Projects is NOT an Off-Shore Function</i> Craig Barnes	.75	A	_____
1:45 p.m. - 2:30 p.m.	◆ <i>Renovation Panel Discussion</i> John Joyce, Bob Paullus, Bill Bast	.75	A	_____
3:15 p.m. - 4:00 p.m.	<i>How to Make Money in Structural Engineering</i> Marc Barter	.75	F	_____
4:00 p.m. - 5:00 p.m.	<i>Business Issues Panel Discussion</i> James Cagley, Sanjeev Shah, Mike Tylk	1.0	F	_____

Friday total: _____ hours

Saturday, October 22, 2011

The following activities may satisfy the continuing education requirements in some states. Please check your state regulations.

9:15 am - 12:00 p.m.	_____ NCSEA Committee Reports & Other Organization Reports	2.75	B	_____
	Code Advisory – Ron Hamburger, Chair SEER Committee – Scott Nacheman, Chair Basic Education – Craig Barnes, Chair Continuing Education – Mike Tylk and Carrie Johnson, Co-Chairs Licensing – Susan Jorgenson, Chair Publications – Tim Mays, Chair Advocacy – Bob Durfee and Tom DiBlasi, Co-Chairs Executive Director Report – Jeanne Vogelzang Communication & Partnering <i>Ad Hoc</i> - Jim Malley, Chair SECB – Marc Barter, Board Member Treasurer's Report – Ben Nelson, Treasurer			
1:15 p.m. - 4:00 p.m.	<i>Workshops – Licensure</i>	2.75	B	_____

Saturday total: _____ hours

Committee / Misc. Total:
_____ hours

Grand Total: _____ hours

It is the individual's responsibility to claim credit only for those activities that comply with the applicable state laws and rules. NCSEA does not guarantee that the available hours comply with the continuing education requirements in all jurisdictions.

I certify that I attended the sessions noted.

Signature

Date

◆ Diamond Review Approved