

# SEAI NEWSLETTER

Sept 2008



## Structural Engineers Association of Idaho

P.O. Box 8733, Boise, ID 83707

[www.seaidaho.org](http://www.seaidaho.org)

### SEAI Mission Statement:

"To promote and enhance the Structural Engineering profession in Idaho by educating the public about the activities of Structural Engineers and their benefit to society and by providing professional development and support to SEAI members that is relevant, reliable, and inspirational to modern engineering practices."

### BOARD OF DIRECTORS & AND COMMITTEE CHAIRS

#### President

Kent Soelberg – CH2M Hill

[Kent.soelberg@ch2m.com](mailto:Kent.soelberg@ch2m.com) 383-6349

#### Vice-President

Wilson Antoniuk – TrusJoist

[AntoniW@trusjoist.com](mailto:AntoniW@trusjoist.com) 395-2458

#### Treasurer

Brian Garner – Call Engineering

[bgarner@callengineering.com](mailto:bgarner@callengineering.com) 321-2656

#### Secretary

Heather Strong – Trus Joist

[heather.strong@weyerhaeuser.com](mailto:heather.strong@weyerhaeuser.com) 364-1334

#### Director and QBS Representative

Sarah McClendon – McClendon Engineering

[sarah@mcclendonengineering.com](mailto:sarah@mcclendonengineering.com) 342-2919

#### Past President

Greg Leishman – Stapley Engineering

[gregl@stapley.net](mailto:gregl@stapley.net) 375-8240

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#### Director

Robert St. Michell – JUB Engineers

[rstmichell@jub.com](mailto:rstmichell@jub.com)

#### Program/Seminar Chair

Leif Elgethun– Leavitt & Assoc. Engineering

[lelgethun@leavittengineers.com](mailto:lelgethun@leavittengineers.com) 301-2293

#### Membership Chair

Ash Hobbs – Power Engineers

[ash.hobbs@powereng.com](mailto:ash.hobbs@powereng.com) 884-8560

#### Newsletter

David Sansotta – Core Engineering

[david.sansotta@core-engineering.net](mailto:david.sansotta@core-engineering.net) 386-9170

#### Website Editor

Tyler Haney – Treasure Valley Engineers

[thaney@tveinc.com](mailto:thaney@tveinc.com) 333-9611

#### Building Code Chair

Mike Brown – Core Engineering

[mike.brown@core-engineering.net](mailto:mike.brown@core-engineering.net) 386-9170

## SEAI MEETING — SEPT 18<sup>TH</sup> — THURSDAY



Please RSVP with entrée selection to Wilson Antoniuk at [antoniw@trusjoist.com](mailto:antoniw@trusjoist.com) or 395-2458 by noon the Monday before the meeting. We will turn no one away at the door, but if we do not receive your RSVP on time we cannot guarantee that there will be any food for you to eat! Please note that, regardless of whether you eat or not, you will still need to pay meeting fees, so get those RSVP's in! **Also, if you RSVP and decided not to show, Murphy's will still charge SEAI for your lunch and SEAI will politely pass this charge on to you.**

### Meeting Location:

Murphy's Seafood & Steakhouse  
1555 Broadway Ave.  
Boise, ID 83705

### Food Entrées:

- 1) Chicken Caesar Salad
- 2) Whiskey Chicken
- 3) Beef Chop Burger

Meeting Focus: TBA

Speaker: TBA

### Schedule:

Social:	11:45 am – 12:00 pm
Lunch:	12:00 pm – 1:00 pm
Program:	12:00 pm – 1:00 pm

### Cost Per Person:

Member:	\$15
Non-Member:	\$20
Full Time Student:	\$10



## Announcements:

***A general announcement will be emailed out to the SEAI members as soon as we have the speaker information.***

### **PRESIDENT'S MESSAGE**

What a pleasure it is to be a part of the Structural Engineers Association of Idaho. I find myself surrounded by a highly capable board, and great members doing great things to make a difference in our profession and in our community.

I want to personally thank all those who helped make the SEA Northwest Conference a tremendous success this past summer in Sun Valley. The presenters and vendor participation were outstanding. The 2008 Conference Organizing Committee consisted of Sarah McClendon (Committee Co-Chair and Hospitality), Chris Holladay (Committee Co-Chair), Aaron Heinrich and Wilson Antoniuk (Speakers), Brian Waddell (Vendors), Chris Merrill (Sports), Joe Lane (Publicity), David Sansotta (Registration), Brian Garner (Treasurer), and Tyler Haney (Webmaster). Be sure to ask Chris about the newest twist on the wet t-shirt component of the water activity.

On my desk, right next to this computer keyboard, is a small measuring tape. On the case is written the words "measure twice, cut once". It was given to me by a member of our staff, perhaps because she has heard me say it

more than a few times over the years. I first heard the expression while working during high school as a laborer for a general contractor and master carpenter. In fact, the only other phrase I heard more often from my boss was "gad-dang it Kent, I'm going to dock your wages". The concept of thinking things through before expending labor or materials has stuck with me throughout my career. It was brought home again at the SEA Northwest Conference. Leslie E. Robertson, structural engineer for many of the tallest buildings in the world, shared his approach to design:

1. Think about the problem
2. Sketch the approaches.
3. Sketch some more.
4. Sketch some more.
5. Establish the criteria.
6. Dive into the numbers.

I am looking forward to an exciting and successful year with SEAI. Come join in. Be involved. Get a friend or colleague to join us for a lunch meeting or seminar. I think you will agree there are opportunities for growth and learning as you rub shoulders with those who have successfully measured twice, and cut once.

**STRUCTURAL MASONRY DESIGN SEMINAR**

The Northwest Concrete Masonry Association will be conducting a one-day seminar focusing on the design of reinforced concrete masonry construction. Both working stress and strength design methods of the 2006 IBC and 2005 MSJC codes will be covered.

The remaining seminars will be held as scheduled below:

November 11<sup>th</sup>                      Corvallis, OR

The seminar will cover design examples of masonry building elements by manual and automated methods. It is aimed at practicing engineers who want to learn how to design masonry in a practical and efficient manner.

Additional information can be obtained from the Northwest Concrete Masonry Association at 425.697.5298 or [www.nwcma.org](http://www.nwcma.org).

**GET INVOLVED WITH  
YOUR NEWSLETTER!**

The SEAI Newsletter is a monthly publication. Newsletter submissions are encouraged from the SEAI community. If you have a suggestion, feature, link, product review or anything else that may be of interest to the newsletter readers, please email them to our newsletter editor, David Sansotta, at [david.sansotta@ehmengineers.com](mailto:david.sansotta@ehmengineers.com)

**LET YOUR MEMBERSHIP WORK FOR YOU!**

If you have any suggestions for future speakers, items of discussion or anything else that you think would be beneficial to the structural engineers attending SEAI meetings, please send your comments/ideas to Leif Elgethun by email at [lelgethun@leavittengineers.com](mailto:lelgethun@leavittengineers.com) or by phone at 301-2293.

**WISH TO PLACE AN AD  
IN THE NEWSLETTER?**

If so, please contact our Treasurer, Brian Garner, at [bgarner@callengineering.com](mailto:bgarner@callengineering.com) or at 321-2656.

**Monthly Rates for Advertising**

Standard Business Card.....	\$50
Quarter Page.....	\$90
Half Page.....	\$120
Full Page.....	\$150

*10% discount for ads running multiple months*

**STRUCTURES MAGAZINE!**

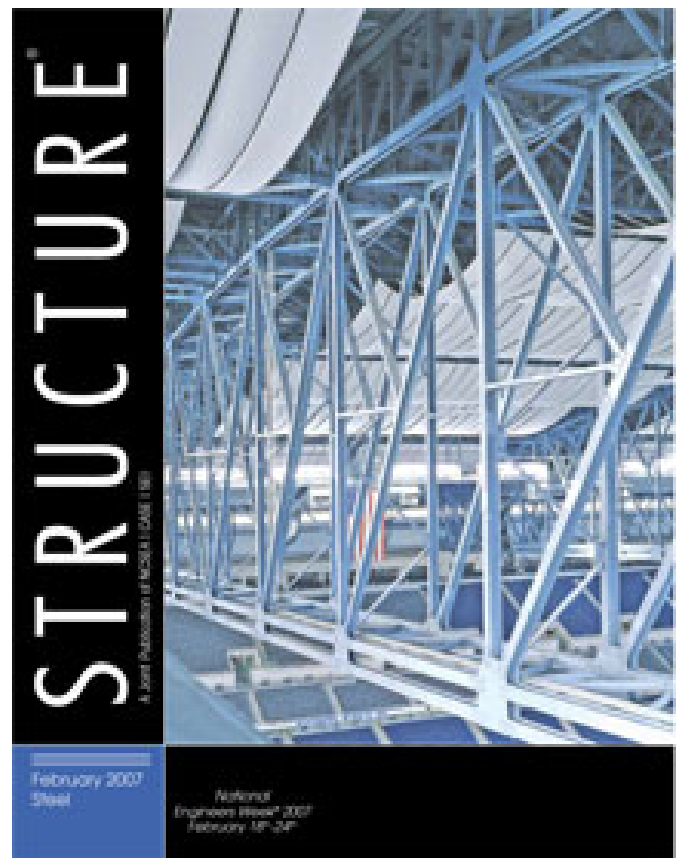
As part of your SEAI membership you should be receiving **STRUCTURE® magazine** in the mail every month. If you are not, please verify that you have paid your SEAI dues this year and then send your name and mailing address to Sarah McClendon at [sarah@mcclendonengineering.com](mailto:sarah@mcclendonengineering.com)

**EVENT CALENDAR**

**Sept. 18<sup>th</sup>, 2008** SEAI meeting, TBA

**PAST EVENTS**

**May 15<sup>th</sup>** Boise Fire Dept.  
**June 19-21, 2008** SEA NW Conference  
Sun Valley, Idaho  
**April, 17<sup>th</sup>** Scott Isaac - Concrete rehab  
w/ FRP  
**March 20<sup>th</sup>** Shawn Reeder - P.E. Wood  
Trusses  
**Feb. 21, 2008** Randall R. Park – Accelerated  
Bridge Construction  
**Jan. 17, 2008** Steve Benner – LEED and  
USGBC Buildings



## STRUCTURAL ENGINEERING LINKS

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**FEATURED LINK:** *“Structures are held up by both luck and skill”* By Ken Carper  
<http://www.djc.com/special/const97/10023874.htm>

Applied Technology Council - <http://www.atcouncil.org>

Idaho Board of Professional Engineers and Land Surveyors - <http://www2.state.id.us/ipels/>

City of Boise Sp. Insp. Checklist – [http://www.cityofboise.org/pds/applications/Building/Special\\_Inspections.pdf](http://www.cityofboise.org/pds/applications/Building/Special_Inspections.pdf)

Design Build Magazine (McGraw-Hill) - <http://www.designbuildmag.com/>

Engineering & (Bi-Weekly Newsletter) - <http://www.engineeringand.com>

Engineering Forum - <http://www.eng-tips.com/>

Structural Engineers Association International - <http://www.seaint.org/>

Structural Engineers Association of Utah - <http://www.seau.org/>

Structural Engineers Association of Washington - <http://www.seaw.org/>

Structural Engineers of Oregon - <http://www.seao.org/main.htm>

Structural Engineers of Idaho - <http://www.seaidaho.org>

National Council of Structural Engineers Association - <http://www.ncsea.com>

