



Structural Engineers Association of Idaho

P.O. Box 8733, Boise, ID 83707

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."

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INSIDE THIS ISSUE

Board & Committee Contact List	1
SEAI Meeting — Oct 21 st	2
Announcements	3
A Word from the SEAI Board	3-4
Event Calendar	5
Structural Engineering Links <i>(New Featured Link each month)</i>	6

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SEAI MEETING — OCT 21ST — THURSDAY



Please **RSVP** to **Brian Sielaff** at brian.sielaff@tamarackgrove.com by **noon** the **Monday** before the meeting with your **entrée selection**. 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 83706
www.primedine.com

Food Entrées:

- 1) Chicken Caesar Salad
- 2) Whiskey Chicken
- 3) Beef Chop Burger
- 4) Chicken Stir-Fry w/ Noodles

Meeting Focus:

Marketing your company

Speaker:

Ken Stoltz, Tony Harrison, &
Brian Harrison: Stoltz
Marketing Group

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

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@core-engineering.net

Announcements:

SEAI LUNCHEON PRESENTATION

Ken Stoltz, SMG President, Tony Harrison, SMG Director of Public Relations, & Brian Harrison, SMG Interactive Services Manager

The SEAI presentation will consist of a panel discussion for the following topics:

- Ken will share some brief observations about marketing fundamentals geared towards professional services firms.
- Tony will discuss the role of PR in the marketing mix.
- Brian will discuss the role and integration of social/new media in marketing.

This will be a fairly open Q&A session/presentation, please come prepared to ask questions and the panel will gladly share their knowledge and opinions. It is important to show up prepared for this presentation.

Stoltz Marketing Group is a Boise-based integrated marketing-communications agency specializing in brand development, interactive, graphic design, and public relations. Since 1996, SMG communications experts have produced award-winning work for clients in such industries as large-scale residential and resort development, aviation, food-and-beverage products, building materials, manufacturing, retail, and more. SMG is part of Worldwide Partners, Inc., the world's largest and oldest network of independent advertising agencies. Visit www.stoltzgroup.com for more information.

LET YOUR MEMBERSHIP WORK FOR YOU!

We are looking for more speakers for our SEAI luncheon meetings. 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 and ideas to Brian Sielaff at brian.sielaff@tamarackgrove.com.

A WORD FROM THE SEAI BOARD

By: Mike Brown, Building Code Chair

'2009 IBC Changes & Web Based Seminars'

As many of you already know the state of Idaho will be going to the 2009 IBC (International Building Code) and 2009 IRC (International Residential Code) effective January 1, 2011. What does this mean for us structural engineers? The IBC has been set up to reference other standards where as the UBC had the standards re-printed within the code. Does this mean we have to buy all new standards such as the ASCE-7, AISC, ACI, NDS, etc? Too many to list, let alone track down and purchase.

Luckily for us, Jan Welch of Stapley Engineering has attended some state code meetings and brought back a list of significant changes to the IBC from 2006 to 2009. I haven't listed all the changes, but I will list the various standards that will be referenced from the IBC:

Chapter 16, Structural Design	
ASCE/SEI 7-05 Supplement No. 2	Supplement No 2 of the ASCE 7-05 has the revised base shear equations for both buildings and non-building structures. The minimum base shear equation for buildings is restored to what was specified in the 2002 edition
Chapter 18, Soils and Foundations	Chapter 18 has been rewritten in its entirety
Chapter 19, Concrete	Updated to reference ACI 318-08.
Chapter 20, Masonry:	References the 2008 MSJC (Masonry Structures and Specification for Masonry Structures)
Chapter 22, Steel:	
2208.1 Storage Racks	The latest version of the Rack Manufacturers Institute (RMI) standard, which includes many clarifications regarding seismic design of racks, is now referenced. The new standard includes many clarifications that address previous seismic design issues that were inconsistent with ASCE 7.
2209.1 General – Design of Cold Formed Steel Structural Members.	Modified to reference AISI S100. The AISI's <i>North American Specification for the Design of Cold-Formed Steel Structural Members</i> , 2007 edition has been updated and given the new number designation of AISI S100.
Chapter 23, Wood:	
2301.2 General Design Requirements – Construction of Log Structures. The Design and Construction of Log Structures shall be in accordance with the provisions of the ICC-400.	A new standard, ICC-400 <i>Standard for the Design and Construction of Log Structures</i> , is now referenced in Chapter 23. This standard is helpful for design, construction, and inspection of log structures.

This list is a much abbreviated version of the changes pertaining to structural issues in the new 2009 IBC. If you'd like more information, please feel free to contact me.

SEAI will be hosting a seminar around March 2011 for changes/updates to the 2009 IBC. I've been to several of these seminars in the past and they have a ton of great information and provide reasons for the changes along with interpretations of what the code is intending. Keep a look out for the announcements. As many of you know, SEAI sponsors online seminars for its members that are free of charge when 10 or more members attend. We try to do these seminars about once a month. However, one of our challenges is finding a place to host the online seminars. Not only do we need internet access, but a conference room large enough to hold all participants. We've been averaging over 20 participants. If you know of a conference space that can host such an event, please let me know. There's an online seminar for ATC-58 *Development of Next-Generation Performance Based Seismic Design Criteria* on Tuesday, the 19th. However, we do not have a place to host this event. I think we can garner a lot of interest for this online seminar, but we need a place to host. If you know of such a place, please let me or any other SEAI board member know and we'll get this set up. Even with short notice.

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



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

If so, please contact our Treasurer, Patrick Bird, at patrick@riverstonesc.com or at 343-2092.

Monthly Rates for Advertising

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

10% discount for ads running multiple months

EVENT CALENDAR

Oct. 21, 2010	Stoltz Marketing Group, marketing your company
Nov. 18, 2010	Sunop Mathew: Interstate Brick Company; structural brick
Jan. 20, 2011	Jeremy Kroll: The Hartwell Corporation; contracts, insurance, and risk
Feb. 17, 2011	Ian, Romain: Chance Helical Piers, Rocky Mnt. Steel Fdns.
Mar. 17, 2011	S.K. Ghosh/Susan Dowty: S.K. Ghosh Assoc. Inc: 2009 IBC changes
Apr. 21, 2011 (pending)	Cliff Paul: PK Associates; high rise building/tower design
May 19, 2011 (pending)	William L. Coulbourn: Applied Tech. Council; ATC-45 training (wind & flood)

PAST EVENTS

Sept. 16, 2010	Mark Gordon, RedBuilt
May 20, 2010	Robert Bruce, Building Collapse, Haiti Earthquake
Apr. 15, 2010	Casey Goade, Solid Earth Solutions
Mar. 18, 2010	Brad Moyes, NCSEA
Feb. 18, 2010	Bob Warner, Cold Formed Steel Truss Design & Mfr.
Jan. 21, 2010	Dave Jackson, Seismic Retrofits
Nov. 19, 2009	Sarah McClendon, SEA Conferences
Oct. 15, 2009	Tony Peterson, PNA Construction Technologies

STRUCTURAL ENGINEERING LINKS

FEATURED LINK: *Why Don't Engineers get more Respect?*

<http://spectrum.ieee.org/at-work/tech-careers/book-review-the-essential-engineer-why-science-alone-will-not-solve-our-global-problems>

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

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>

Design Load Guidelines – <http://www.idabo.org/loads.htm>

