

SEAI NEWSLETTER

Feb. 2010



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 — February 18 th	2
Announcements	3
A Word from the SEAI Board	4-6
Event Calendar	7
Structural Engineering Links <i>(New Featured Link each month)</i>	8

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SEAI MEETING — FEB 18TH — THURSDAY



Please RSVP to Soren Jensen at soren.w.jensen@gmail.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.**

Murphy's will be sponsoring a monthly drawing for a complimentary Sunday Brunch Pass for 2 (\$32.00 value). Everyone who attends will have their name entered from the sign up sheet, and the prize will be awarded at the end of the luncheon. All you have to do is show up for a chance to win!

Meeting Location:

Murphy's Seafood & Steakhouse
1555 Broadway Ave.
Boise, ID 83706
www.primedime.com

Food Entrées:

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

Meeting Focus:

Understanding Cold Formed
Steel Trusses

Speaker:

Bob Warner
TrusSteel

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:

SEAI LUNCHEON PRESENTATION

Bob Warner, TrusSteel Western Regional Manager



Cold-Formed Steel Trusses 101

Presented to **Structural Engineers Association of Idaho**

Provider: TrusSteel & American Truss Systems

Program: Understanding CFS Trusses

Location: Structural Engineers Association of Idaho Meeting @ Murphy's

Date: Thursday, February 18th

Time: Noon

Length: 1 hour

Cost: None

Description: An overview of the various types of cold-formed steel (CFS) truss systems on the market, their physical and structural characteristics and applications, and how to specify these systems.

Learning: At the end of this program, participants will be able to: (1) identify the different types of CFS truss systems, (2) understand the product abilities and limitations of various CFS truss systems, and (3) specify a CFS truss system.

How Taught: Using a PowerPoint presentation and physical samples, the CES facilitator presents information on the nature and types of CFS trusses, including basic terminology and applications. Physical samples are used to demonstrate truss terminology.

Target Audience: Architects, Engineers, Specifiers and other design professionals in the buildings market.

Facilitators Qualifications: Bob Warner has been Western Region Manager of TrusSteel since 1998 and in the Truss Industry since 1989. He is a member of the Steel Framing Alliance and the Cold-Formed Steel Engineers Institute. Bob is the former Vice President of the Southwest Steel Framing Alliance and is well versed in truss design, engineering and installation.



A WORD FROM THE SEAI BOARD

“IDAHO CPD REQUIREMENTS Q&A”

Article by David Nelson, PE: Tech. & Education Chair:

When I moved to Boise six years ago, there were several great things to look forward to including the “dry heat” summers, access to the great outdoors, very inexpensive professional licensing fees and no CEU requirements. Well, as of May 8, 2009 one of those great perks has been taken away. I’m sure all of you know what I’m talking about. In the state of Idaho, licensed engineers are now subject to the Rules of Continuing Professional Development (CPD).

Some questions I’ve heard concerning the new CPD requirements include: What counts as a PDH? How many PDHs do I need? How do I record earned PDHs? Do I get a PDH for just being a paid member of SEAI or do I have to be an “active” member, and what does “active” mean? The aim of this article is to answer these great questions. The answers come straight from the Idaho Board of Licensure so rest assured, they are correct.

Q1: When will the new Idaho CPD requirements affect me?

A1: Engineers are exempt from the CPD requirements from the date of implementation (May 8, 2009) until their first biennial renewal after that date. At that

renewal they must start collecting CPD hours to comply with the requirements. If you collect any PDHs in the current renewal period while you are exempt from the requirement, you may carry forward up to 30 PDHs into the next period.

Q2: What counts as a PDH?

A2: From the CPD website. . . “Review the definition of “Activity” in the CPD Rules and if you can assure yourself that the CPD you’re taking meets this definition, you’re on safe ground (subject to the category maximum hour limitations).” With that said, PDHs can be accumulated through the following activities; successful completion of college credits; successful completion of continuing education credits, successful completion of other courses (correspondence, televised, videotaped, short courses/tutorials); attending qualifying seminars (in-house courses, workshops, technical or professional presentations made at meetings, conventions or conferences); teaching or instructing (above and beyond routine job assignments); authoring published papers, articles, or books; active participation in technical or professional organizations; patents; presentations to technical, professional or civic organizations; documented self study.

The conversion of other units of credit to PDH (Professional Development Hour) units is as follows:

1 College semester credit hour equals	45 PDH
1 college quarter credit hour equals	30 PDH
1 Continuing Education Unit equals	10 PDH
1 Hour of attendance in course work, seminars, or technical or professional presentations made at meetings, conventions, or conferences equals	1 PDH
Teaching above, above and beyond normal job assignments, apply multiple of 2 for teaching the first time only	
Each published technical or professional paper, article or book not to exceed a total of 10 PDH’s per year, above and beyond normal job assignments	5 PDH per paper article or book
Membership in technical or professional organizations (Maximum of two organizations) equals	1 PDH per year per organization
Active participation in technical or professional organizations (Maximum of two organizations) equals	1 PDH per year per organization
Each patent not to exceed per year	5 PDH
Presentations to technical, professional or civic organizations, first presentation only, equals	2 PDH per hour of presentation
Documented self-study not to exceed	3 PDH per year at the rate of ½ PDH per hour of self study

Q3: How many PDHs do I need?

A3: Every Licensee is required to obtain thirty (30) PDH units during the renewal period biennium (beginning on the first day of the month following the month in which the Licensee was born). If a Licensee exceeds the biennium requirement in any renewal period, a maximum of thirty (30) PDH units may be carried forward into the subsequent renewal period.

Q4: How can SEAI membership help in providing the required PDHs?

A4: SEAI involvement can potentially provide over 20 PDHs per year which is all that you need. The table below summarizes how.

Activity	PDHs Per Opportunity	Opportunities per Year	PDHs Per Year
6-7 Monthly lunch meetings/training	1	6-7	6 to 7
SEAI sponsored webinars (free for members)	1-2	3-4	3 to 8
All Day Conference	7-8	1	7 to 8
SEAI Paid Membership	1	1	1
Active SEAI Participation	1	1	1
		Total PDHs	18 to 25

Q5: How can I be assured that CPD class I take will be accepted by the Board?

A5: With the exception of those seminars and courses of continuing professional development offered by an organization registered with the [Registered Continuing Education Providers Program](#)

of the National Council of Examiners for Engineering and Surveying, which are preapproved, the Board will not pre-approve activities as qualifying for continuing professional development, but has final authority to judge the PDH value for all activities submitted to fulfill continuing professional development requirements. **Q6:** Do PDHs have to come from more than one activity?

A6: Yes, PDHs must come from two or more activities.

Q7: How do I record earned PDHs? Do I have to submit a PDH log upon renewal of my license?

A7: The Idaho Board of Licensure has an example of a CPD log on their website (See the following link: [CPD Log Example](#)). You are not required to submit

these logs; however, you will be required to produce it when audited.

Q8: Do I get a PDH for just being a paid member of SEAI or do I have to be an “active” member, and what does “active” mean?

A8: Yes, you get PDHs for being a paid member and PDHs for being an “active” member. “Active” participation is defined as serving as an officer or committee chair at either the national, state or local (section or chapter) level.

Q9: Wow, you used a bunch of jargon. What do some of these terms mean?

A9: Definitions. . .

Continuing Education Unit (CEU): Unit of credit customarily used for continuing education courses. One (1) continuing education unit equals ten (10) hours of class in an approved continuing education course.

Professional Development Hour (PDH): A contact hour (minimum of 50 minutes) of instruction or presentation. The common denominator for other units of credit.

Activity: Any qualifying action with a clear purpose and objective which will maintain, improve, or expand the skills and knowledge relevant to the licensee’s field of practice or practices.

Documented Self Study: Documented study of professional/technical journals, published papers, articles, books, software or other areas of training which increase knowledge of the technology above and beyond the routine job assignments.

Q10: Hey, you didn’t answer my question. Where do I find more information?

A10: First, go to the [“Continuing Professional Development Information/Resources”](#) web page from the Idaho Board of Licensure of Professional Engineers and Professional Land Surveyors. Also, read the [Rules of Continuing Professional Development](#) for yourself. The published rules go into more detail.

Keep in mind that CPD requirements vary from state-to-state so if you have multiple registrations, you’ll need to verify each state’s CPD rules.

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 Soren Jensen at soren.w.jensen@gmail.com or by phone at 426-2026.

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

IT’S THAT TIME AGAIN...TAX SEASON

Robert has done a great job for us at SEAI with our taxes and dealings with the IRS; if you’re having issues or just don’t want to do it yourself, you can contact him for help:

Robert R. Naugler, CPA, PA

Accounting • Tax Preparation • Consulting Services

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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@mccclendonengineering.com



EVENT CALENDAR

Feb. 18, 2010 Bob Warner, Cold Formed Steel Truss Design & Mfr.

PAST EVENTS

- Jan. 21, 2010** Dave Jackson, Seismic Retrofits
- Nov. 19, 2009** Sarah McClendon, SEA Conferences
- Oct. 15, 2009** Tony Peterson, PNA Construction Technologies
- Sept. 17, 2009** Joel Levenberg, Structural Group – Strengthening Div.
- May 21, 2009** Larry Boyer, Vulcraft, Steel Joists
- Apr. 16, 2009** Eric Pugmire, Simpson Strong-Tie, New Products
- Mar. 19, 2009** Michael Mulnix, Hardy Frames, New Products
- Feb. 19, 2009** Holly Schaubert – Verco Steel Decking
- Jan. 15, 2009** Frank Lee – Givens Pursley, Engineering Liability Law

JOIN US FOR OUR
FAMOUS
2-FOR-1
HAPPY HOUR!

Sunday–Friday: 4–7pm
Saturday: Noon–7pm

**Featuring Drafts
and House Wine
& Well Drinks**

Plus 2-for-1 Appetizers



MURPHY'S
SEAFOOD & STEAKHOUSE

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IN THE NEWSLETTER?**

If so, please contact our Treasurer, Wilson Antoniuk, at wantoniuk@redbuilt.com or at 395-2458.

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STRUCTURAL ENGINEERING LINKS

FEATURED LINK: *U.S. Embassy in Haiti Built to Survive Earthquakes, Winds*
http://enr.ecnext.com/coms2/article_bude100128USEmbassyHai

Applied Technology Council - <http://www.atccouncil.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>

