

November 2011

Structural Engineers Association of Washington

SOUTHWEST CHAPTER



SEAW SW Chapter, P.O. Box 111480, Tacoma, WA 98411 www.seaw.org seawswchapter@gmail.com 253.382.2901

Upcoming Events

Nov. 10th	ATC 20 - Post Earthquake Evaluation Training, Seattle
Nov 16 th	SW Chapter Meeting Presentation

President's Message

Closing Out 2011 and Reaching Out

Since we generally do not have a chapter meeting or newsletter in December, this edition will be our last until January 2012.

I would like to end the year by touching on a few things that will be coming up as well as to reach out one more time to our members and solicit involvement in our organization.

First, things first, times are changing and we are approaching another change in our code. As we understand it the 2012 IBC will likely be adopted in 2013. However, since the change is imminent, we want to make sure we are on the front lines of letting our members know how the changes will affect us and also give proper notification/understanding to comment as the need arises.

Therefore, our chapter board has scheduled Don Scott from PCS Structural Solutions to give a presentation on the changes to the wind design and hopefully give us a better idea why $P=CeCqQslw$ was so bad!

As we move into 2012 we want to provide technical sessions that help us look to the future in design and code changes. So please let us hear your voice!! If you have a topic that you find especially interesting/informative, especially if it relates to changes to the code please contact any member of the Southwest Chapter Board. All of our contact information is provided at the end of the newsletter!!
Next subject....

Recently the State SEAW sent out a survey to gauge how well SEAW was serving its members. I'm sure that many of you took it! I was fortunate enough to browse the results of the survey and took particular interest in those areas the related to our chapter. From that survey two areas clearly were identified as areas in which we can improve.

The first area was to get younger members more involved. Since the purpose of our organization is to educate ourselves/others we have a duty to embrace younger members and serve/educate them as best we can.

To address this issue this month the board brought up the subject of starting up a Young Member Forum/Group. It is unclear at this time if that is the best way to engage younger members, just know that the Southwest Chapter Board is focusing on ways to bring them more into the mix. If you have thoughts on the subject, please speak up!

The other issue had to do with reaching out for our meetings and technical luncheons to people that work outside of downtown Tacoma. We hope that we will work out most of the bugs so that we can have this month's meeting cast in a webinar setting. Hopefully this will allow other people to be more involved without traveling to Tacoma.

While we do want to move our chapter into the future and be as technically advanced as feasible, there will be some sessions that will not be cast via the internet because there is nothing like a face to face meeting!

Hope you all have a great end of year....see you in 2012.

Sincerely,

Jeff Klein, SE
SEAW Southwest Chapter President
jklein@pcs-structural.com



SEAW Southwest Chapter November Meeting

Please Join us for our Monthly meeting *Wednesday November 16th* at 12:00 PM. The Meeting will be held at PCS Structural Solutions, lunch will be provided. Don Scott will be presenting on the

2012 IBC Wind Provisions and ASCE 7-10 Documents

Please register by following this link http://www.seaw.org/events_detail.cfm?pk_event=129

Don Scott has been with PCS Structural Solutions since 1982 and became a Principal in 1986. He has led many of the firm's educational, commercial, institutional and private projects for new and renovated construction. Don's proficiency in high-end structural analysis and wind design is a strong resource for the 40-person firm. He is Chairman of the ASCE 7 Wind Load Committee for the 2016 edition and have been a member of the committee since 1996. The ASCE 7 Wind Load Committee shapes the future IBC provisions for wind design. Don is also Chairman of the NCSEA Wind Load Committee and has given dozens of presentations on the subject. In Don's presentation to the Southwest Chapter, he will review the new wind provisions of the 2012 IBC and ASCE 7-10 documents and the basis for these changes. Don will also present the results of a recent NCSEA Survey on the wind load provisions and the recommendations provided to the ASCE 7 and IBC committees on future wind load provisions.

***PCS Structural Solutions is located at:
1250 Pacific Ave, Suite #701
Tacoma, WA 98402***

SEAW Upcoming Events

STRUCTURAL MASONRY DESIGN WEBINAR

November 29th, December 6th and December 8th

Each session will run from 4:00 - 6:00 pm Pacific Time

The Northwest Concrete Masonry Association will be conducting a three-session webinar focusing on the design of reinforced concrete masonry construction. Both working stress and strength design methods of the 2009 IBC and 2008 MSJC codes will be covered. The updated webinar 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. Continuing education credit (up to 7.5 PDH) can be earned. Certificates of attendance will be issued.

Additional information can be obtained from the Northwest Concrete Masonry Association at 425.697.5298 or www.nwcma.org. Please see pages 6 & 7 of this newsletter for more details.

ACCEPTING APPLICATIONS

Sitts & Hill Engineers has positions open for engineers interested in structural engineering. Interest in the opportunity to design a wide variety of industrial and commercial structures, including special foundations, waterfront structures, and buildings is desired.

Requirements: Two plus years of experience • Good written and verbal communication skills • BS in civil or structural engineering, MS preferred • Have or able to obtain professional civil engineering license in Washington State within two years of hire. E-mail your cover letter and resume to BrentLeslie@sitts-hill-engineers.com.



NORTHWEST CONCRETE MASONRY ASSOCIATION
PRESENTS

STRUCTURAL MASONRY DESIGN WEBINAR

This three-session webinar will focus on the requirements of 2009 IBC Chapter 21 and the referenced material standard TMS 402/ACI 530/ASCE 5. Both working stress and strength design of reinforced concrete masonry will be covered. Learn how to use and interpret the building code through masonry building element design examples. Seminar participants can earn continuing education credit. (7.5 PDH credit available) Certificates of attendance will be issued.

Webinar Details:

Dates: November 29, December 6, 8, 2011
 Time: 4 - 6:30 pm **Pacific Time**
 Cost: \$125 per session per internet connection or \$325 for all three sessions.
 Connection: The webinar will be conducted using Go To Meeting. Each connection site will receive one workbook which includes a bound set of course notes. Additional workbooks are available for \$20 each plus shipping and handling.

Webinar Content:

Nov. 29: Masonry Materials, Code Overview, Beam Design, Seismic Testing
 Dec. 6: Columns, Out-of-Plane Walls, Quality Assurance, Constructability
 Dec. 8: Anchor Bolts, In-Plane Walls, Direct Design

Instructors:

Ray Miller, P.E., Miller Consulting Engineers, Portland, OR - Nov. 29th
 Sue Frey, P.E., CH2M Hill, Corvallis, OR - Dec. 6th
 Ed Huston, P.E., Smith and Huston Consulting Engineers, Seattle, WA - Dec. 8th
 Tom Young, P.E., Northwest Concrete Masonry Association, Mill Creek, WA



NORTHWEST CONCRETE MASONRY ASSOCIATION **STRUCTURAL MASONRY DESIGN WEBINAR**

Please plan to participate. Seminar participants can earn continuing education credit. You can register on-line at www.nwcma.org, by calling NWCMA at 425.697.5298, or by faxing this completed form to 425.697.2679.

Name: _____

Company: _____

Address: _____

City/State: _____ Phone: _____ Fax: _____

Email: _____

Register me for the sessions marked below:

- | | |
|---|-----------------|
| <input type="checkbox"/> Nov. 29, 2011 | \$ 125.00 |
| <input type="checkbox"/> Dec. 6, 2011 | \$ 125.00 |
| <input type="checkbox"/> Dec. 8, 2011 | \$ 125.00 |
| <input type="checkbox"/> All three sessions | \$ 325.00 |
| <input type="checkbox"/> _____ Extra workbooks @ \$20/ea plus \$10.00 s/h | \$ _____ |
| Total Due | \$ _____ |

Payments:

- Check or Money Order (payable to Northwest Concrete Masonry Association)
- Credit Card (Check one) Visa Mastercard Discover American Express
- Card Number _____ Name on Card _____
- Billing Address: _____
- Exp. Date _____ CCV # (last 3 digits on back of card) _____

Confirmation:

You will receive confirmation of your registration, including detailed information regarding Go To Meeting requirements.

Please send completed registrations and payment to:

NWCMA • 16300 Mill Creek Blvd, Ste 208-C • Mill Creek, WA • 98012 or fax to 425.697.2679
Questions? 425.697.5298

SEAW Open Positions!

Calling all SEAW Southwest Chapter Members!

Two spots still remain open for the 2011-2012 SW Chapter Board of Directors. These spots include the Secretary and a Non-Voting Director. The work load for these positions is relatively light and it will give you and your firm the opportunity to have a voice on the Board. Please consider joining yourself or nominating another individual for these positions. For more information please contact Jeff Klein (jklein@pcs-structural.com) or Luke Heath (lheath@pcs-structural.com) at 253-383-2797.

We also want to have your input! Please contact any member of the Board (full list of members below) if there is a topic that you feel needs to be addressed during a SEAW SW Chapter meeting or in some other forum. It is important that your voice be heard so that we all can benefit from the vast knowledge in our chapter and our industry.

For other upcoming events and seminars you can visit:

<http://aia.org/>
<http://www.ncsea.com/>
<http://www.aisc.org/>
<http://csimtrainier.org/>
<http://www.astm.org/>

SEAW SW CHAPTER

2010-2011 Board of Directors

President

Jeff Klein
 253.383.2797
jklein@pcs-structural.com

Secretary

OPEN POSITION

Treasurer

Andrew Pflueger
 253.383.2422
apflueger@ahbl.com

Incoming President

Bill Whipkey
 253.383.2797
whipkey@kpfftacoma.com

Voting Director

Todd Phillips
 253.941.9929
tphillips@anderson-peyton.com

Voting Director

Andrew Boileau
 253.474.9449
andrewboileau@sitts-hill-engineers.com

Past President

Luke Heath
 253.383.2797
lheath@pcs-structural.com

Non-Voting Director

OPEN POSITION

Non-Voting Director

Owen Bower
 253.383.2797
obower@pcs-structural.com

The SEAW Southwest Chapter newsletter is printed monthly from September through May. Circulation is approximately 150 members & related organizations. Articles, letters and announcements are accepted through the SW Chapter office at PO Box 111480, Tacoma WA 98411. Advertising Rates: Help wanted \$25; Goods/Services and inserts \$50. Items received by the 30th of the month will be considered for publication in the following month's issue. For information, contact the SW Chapter at 253-382-2901 or email seawschapter@gmail.com