



# CONNECTIONS

April 2025 Volume 24 Issue 5

Newsletter of the  
Structural Engineers  
Association of Oregon

SEAO  
9220 SW Barbur Blvd.  
No. 119  
PMB #336  
Portland, OR 97219  
Phone: (503) 753-3075  
E-Mail: [jane@seao.org](mailto:jane@seao.org)  
Website: [www.seao.org](http://www.seao.org)

## IN THIS ISSUE: PAGE #

■ SEAO Seminar—ASCE 7-22	2
■ SEAO Trivia Night Fundraiser & NCSEA 2025 Engineering Summit	3
■ SEA NW Conference Info, 19WCSI Conference, Ask a Question & Ad Space	4
■ Upcoming NCSEA Webinars	5
■ Golf Tournament Flyers	8-9
■ Structural Peer Review Services by Erickson Consulting Engineers	10

## Upcoming SEAO Meetings and Events:

### Tuesday, May 6, 2025: SEAO Structural Engineering Trivia Night Scholarship Fundraiser

Location: The Propulsion Zone Gallery, 818 SW 1st Avenue, Portland, OR

Time: 4:30 pm to 6:30 pm

Cost: Team of Up To 5 = \$100, Individual = \$25

See page 3 for more information and link to register.

### Thursday, May 15, 2025: OACI Seminar—Blended Cement Workshop

Location: McMenamins Kennedy School, 5736 NE 33rd Avenue, Portland, OR

Time: 8 am to 5 pm

Cost: Early Bird Before April 25 = \$225 (Non-Member); After April 25 = \$250 (Non-Member)

To Register Visit: [www.oregonaci.org](http://www.oregonaci.org)

See pages 6 and 7 for more information.

### Thursday, May 29, 2025: SEAO Seminar Updates Coming to Codes

Location: Sheraton Portland Airport, 8235 NE Airport Way, Portland, OR

Time: Registration 8 am, Seminar Presentation 8:30 am to 4:30 pm

See page 2 for registration information.

### Wednesday, July 9, 2025: SEAO/OACI Golf Tournament

Location: Langdon Farms Golf Club, 24377 Airport Road NE, Aurora, OR

Shotgun Start: 1:30 pm; Social Hour 6 pm; Dinner & Awards 6:30—7:30 pm

See pages 8 and 9 for registration and sponsorship information.

### Thursday, September 11, 2025: OrSAP Training—SAVE THE DATE

Location: Embassy Suites Washington Square, 9000 SW Washington Square Rd, Tigard, OR

Time: 8 am to 4 pm

More information will be forthcoming via the SEAO website and newsletter

### Monday, September 15 - Friday, September 19, 2025: SAVE THE DATE

### 19th World Conference on Seismic Isolation, Energy Dissipation, and Active Vibration Control of Structures (19WCSI)

Location: University of California, Berkeley, Main Campus

See Page 4 for more information.

### Thursday, September 25 - Friday, September 26, 2025: SAVE THE DATE

### 2025 SEA NW Conference E

Location: DoubleTree by Hilton Hotel Spokane City Center, 322 N Spokane Falls Court, Spokane, WA

Early Bird Registration Discounted Prices End on April 20, 2025

See Page 4 for more information.

### Tuesday, October 14 - Friday, October 17, 2025: SAVE THE DATE

### NCSEA 2025 Structural Engineering Summit

Location: New York Hilton Midtown, 1335 6th Avenue, New York, NY

Look for information and registration information in future newsletters.

See Page 3 for more information. Registration to open soon.

### Wednesday, October 15, 2025: SEAO Seminar SAVE THE DATE

Topic: ACI 318-25

Location: Embassy Suites Washington Square, 9000 SW Washington Square Rd, Tigard, OR

Time: 8 am to 4 pm

More information will be forthcoming via the SEAO website & newsletter.



SEAO has a LinkedIn account  
and can be followed at [SEAO  
LinkedIn Page](#).

# SEAO SEMINAR: UPDATES COMING IN THE 2024 I-CODES & ASCE 7-22

THURSDAY, MAY 29, 2025  
8 AM-4:30 PM

CONNECTIONS is a monthly publication of the Structural Engineers Association of Oregon, published to disseminate current news to our membership and others involved in the profession of structural engineering. The opinions expressed reflect those of the author and, except where noted, do not represent a position of SEAO.

Send membership inquiries to:  
9220 SW Barbur Blvd.  
No. 119  
PMB #336  
Portland, OR 97219

## BOARD OF DIRECTORS 2023/2024

President  
*Christopher Carroll*  
SSOE Group  
Ph: 1.360.440.1071  
ccarroll@ssoe.com

Vice President  
*Kylean Gunhus*  
Miller Consulting Engineers  
Ph: 503.246.1250  
kylean@miller-se.com

Secretary  
*Sarah Johnson*  
Akana  
Ph: 503.440.9368  
sarah.johnson.eltawil@gmail.com

Treasurer  
*Ryan Guay*  
Pace Engineers  
Ph: 503.597.3222  
ryang@paceengrs.com

Director (Year 2 of 2)  
*Elyssa Dekker*  
Holmes Structures  
Ph: 503.971.1050  
elyssa.dekker@holmes.us

Director (Year 1 of 2)  
*Geoff Smoke*  
Mackenzie  
Ph: 503.708.6149  
gsmoke@mcknze.com

Past President  
*Jared Lewis*  
catena consulting engineers  
Ph: 503.467.4980  
jared@catenaengineers.com

Executive Secretary  
*Jane Ellsworth*  
SEAO Staff  
Ph: 503.753.3075  
jane@seao.org

### Topic: Updates Coming in the 2024 I-Codes & ASCE 7-22 and More

This seminar will cover many of the changes coming in ASCE 7-22, which have been adopted by the 2024 IBC and the 2025 OSSC. There are significant changes that have been made to the seismic, wind, and snow chapters that will have impacts on designs of all building types. Some of these changes include the new multi-period response spectra, non-structural anchorage design force equations, new snow load maps, and ASCE 7 hazard tool (now free). In addition, the seminar will cover changes to the 2024 IBC and 2025 OSSC including some significant changes to the risk category table. The seminar will also highlight updates to the wind chapter including the new Tornado chapter and the completely rewritten flood chapter which is part of supplement 2 which has been submitted to the 2027 IBC for adoption but has been adopted early in some states.

### Speaker: Seth Thomas, PE, SE, KPFF Consulting Engineers

Seth Thomas, PE, SE, works at KPFF Consulting Engineers and is a licensed structural engineer. Seth has been involved in code development his entire career and was a part of the team that developed the first tsunami provisions as part of ASCE 7-16. Seth served as a member of the tsunami, flood, seismic and main committees for the ASCE 7-22 and served as a member of the SEAO code committee that assisted the Oregon building codes division in the adoption of the 2019 and 2022 OSSC. Seth is a member of the provisions update committee (PUC) and serving as Issue Team 1 lead for the 2026 NEHRP seismic provisions and will be vice chair of the ASCE 7-28 seismic subcommittee. Seth has been involved in multiple tsunami and performance-based seismic design projects including OSU Gladys Valley Marine Studies Building (first tsunami vertical evacuation projects in Oregon), Ocosta Middle School (first tsunami evacuation project in Washington), the Portland International Airport PDXNext Project, Multnomah County Central Courthouse, and the VA Portland Hospital Seismic Retrofit. Seth is also a past president of SEAO.



**Location:** Sheraton Airport Hotel, 8235 NE Airport Way, Portland, OR

**Time:** 8 am — Registration  
8:30 am to 4:30 pm — Seminar

**Cost:** \$225 Member  
\$275 Non-Member  
\$65 Student  
\$25 Late Fee After May 22

**Reservations:** Pre-registration is required for all. You can register and pay online at: <https://www.seao.org/events/may2025/updates-coming-2024-i-codes-asce-7-22-and-more>. You can also register with Jane Ellsworth via phone at (503)753-3075 or via email: [jane@seao.org](mailto:jane@seao.org). It is expected that this event will sell out so register early.

**Lunch:** A buffet lunch is included with your registration.

**PDH Credits:** Six (6) PDHs will be available for this program.

**Questions:** Contact Jane Ellsworth at [jane@seao.org](mailto:jane@seao.org).

## SEAO COMMITTEES

### CODE ADVISORY COMMITTEES

#### Seismic

*Jonathan Knudtsen*  
jknudtsen@wje.com

#### Wind

*OPEN CHAIR*

#### Snow Load

*Andy Stember*  
andy@jasenginc.com

#### Code

*Eric Watson*  
eric@miller-se.com

#### Vintage Building

*OPEN CHAIR*

#### Special Inspections

*Eric Watson*  
eric@miller-se.com

### STRUCTURAL ENGINEERS

### EMERGENCY RESPONSE (SEER)

#### David Tarries

David.tarries@portlandoregon.gov

### PROGRAM COMMITTEES

#### Golf Tournament

*OPEN CHAIR*

#### Conferences

*Kevin McCormick*  
kevin@miller-se.com

#### Monthly Meetings

*Jared Lewis*  
jared@catenaengineers.com

### ADVOCACY COMMITTEES

#### Awards

*Brynn Adkins*  
badkins@tmrippsey.com

#### Website

*Seth Thomas*  
seth.thomas@kpff.com

#### Engineers Week

*Michelle Juarez*  
michelle@miller-se.com

#### Young Member Forum

*Walker Maddalozzo*  
YMF.seao@gmail.com

#### Sustainability

*Jo Ann Offill*  
joffill@mcknze.com

#### SE3

*William Locke*  
william.locke@coffman.com

### CONTINUING EDUCATION

### COMMITTEE

#### Seminars

*Andy Stember*  
andy@jasenginc.com

### MEMBERSHIP COMMITTEES

#### Newsletter

*JoMarie Farrell*  
jomarie@equilibriumllc.com

#### Roster

*Jane Ellsworth*  
jane@seao.org

### DELEGATES

#### NCSEA

*Jared Lewis*  
jared@catenaengineers.com

*Seth Thomas (Alternate)*  
seth.thomas@kpff.com

#### WCSEA/NWC

*Amit Kumar*  
Amit.kumar@portlandoregon.gov

## SEAO STRUCTURAL ENGINEERING TRIVIA NIGHT

TUESDAY, MAY 6TH, 2025

4:30 PM–6:30 PM

Help SEAO raise money for scholarships by joining us for our 5th Annual SEAO Structural Engineering Trivia Night.

Grab your PPE, fasten those thinking hardhats, and join us downtown at The Propulsion Zone Gallery. The event will be held from 4:30 pm to approximately 6:30 pm. Participants are more than welcome to stay and connect after trivia ends. Trivia will start at 4:45 pm and is expected to be approximately 1.5 hours long.

To help everyone save a little money, the event will be BYOB (alcohol may only be consumed by persons age 21+). Light refreshments and water will be available gratis.

Trivia will be made up of teams of five (5) members maximum and individuals are also welcome.

Donations are tax-deductible and will go towards the SEAO Scholarship fund to help support future structural engineers.

**Location:** The Propulsion Zone Gallery, 818 SW 1st Avenue, Portland, OR

**Time:** 4:30 pm — 6:30 pm

**Cost:** \$100 per five-person team & \$25 individuals

**Registration:** Trivia signup, registration, and further instructions can be found here: [SEAO 2025 Trivia Night Team/Individual Sign-Up Form](#)

**Questions:** Email the new YMF chair Walker Maddalozzo at [.ymf.seao@gmail.com](mailto:.ymf.seao@gmail.com).

## NCSEA 2025 STRUCTURAL ENGINEERING SUMMIT

OCTOBER 14–17, 2025

SAVE THE DATE

**Bright ideas in the Big Apple: The NCSEA Structural Engineering Summit is coming to New York City from October 14–17, 2025.**

Be part of the action at the Midtown Hilton, where you'll connect with practicing structural engineers, industry leaders, and innovative thinkers from across the country. Join us to explore the latest advancements in structural engineering, building, and design codes through engaging education sessions. Collaborate on technical, business, and industry challenges, enhance your leadership skills, and expand your professional network in an inspiring setting.

Registration for the summit will open soon.

Those that are interested in exhibiting or sponsoring can visit <https://www.ncseasummit.com/exhibit-hall-exhibitors> for more information.

**2025 SEA NW CONFERENCE  
SEPTEMBER 25-26, 2025  
SAVE THE DATE**

The annual 2025 SEA Northwest Conference will be held September 25-26, 2025 at the DoubleTree by Hilton Hotel City Center in Spokane, Washington. The conference will be hosted by the Spokane Chapter of the Structural Engineers Association of Washington.

More details are to come in future newsletters, including exhibitor/sponsorship opportunities, registration, and more.

Limited early pricing is available.

The early bird registration rates have been extended through **April 20th, 2025**. This is a great chance to save on your registration fees:

- SEA Members: ~~\$575~~ \$431
- Non Members: ~~\$675~~ \$506
- YMG (Young Member Group): ~~\$300~~ \$225
- One Day Members: ~~\$325~~ \$244
- One Day Non Members: ~~\$375~~ \$281
- Students: \$150

The SEAW Spokane Chapter is also excited to announce the CSI, Inc. will be hosting an unforgettable social event on Thursday evening during the conference. More details about this event will be shared soon, but it is an event you do not want to miss.

For more information and to register, please visit <https://www.seaw.org/seanwconference>. There you can find the registration link for sponsorships and exhibitors.

**ADVERTISING SPACE AVAILABLE**

SEAO is pleased to provide full page advertising to members for \$500 and to non-members for \$600. That is the price to run the ad the entire year from September to August. If you'd like to advertise, please contact Jane at [jane@seao.org](mailto:jane@seao.org).

**19WCSI CONFERENCE  
SEPTEMBER 15-19, 2025  
SAVE THE DATE**

The Pacific Earthquake Engineering Research Center (PEER) is pleased to formally announce the **19th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures (19WCSI)** at UC Berkeley, on **September 15-19, 2025**. This biennial conference is a key activity of the Anti-Seismic Systems International Society (ASSISi), the international organization committed to the advancement and promotion of seismic isolation and energy dissipation technologies (<https://assisociety.org/>).

For more information, please visit the conference website at <https://19wcsi.org/> or contact Reid Zimmerman ([reid.zimmerman@kpff.com](mailto:reid.zimmerman@kpff.com)).

**ASK A QUESTION, GET AN ANSWER**

Do you have a code question you would like to ask the Wind Committee or Snow Committee?

SEAO is pleased to provide a simple way for Q&A's with technical committees. Email questions to [jane@seao.org](mailto:jane@seao.org), and SEAO will direct your question to the appropriate committee chair for a response.

Questions and their answers will be made anonymous and available to the membership on the website [www.seao.org](http://www.seao.org). Committees include: Seismic, Wind, Snow, Code, Vintage Building, and Special Inspections.



## NCSEA UPCOMING LIVE WEBINARS

REGISTER AT: [HTTPS://WWW.NCSEA.COM/EDUCATION-EVENTS/CALENDAR/](https://www.ncsea.com/education-events/calendar/)

**April 17, 2025, 10 am—11 am Pacific Time (Fee for Webinar/Included in Webinar Subscription Package)**

**Seismic Design Parameter Changes from ASCE 7-16 to 7-22**

Speakers: Martin B. Hudson, Ph.D., P.E., G.E. and Kenneth Hudson, Ph.D., P.G., E.I.T.

The upcoming ASCE 7-22 standard introduces a new Multi-Period Response Spectra (MPRS) that replaces the two-period response spectra in the ASCE 7-16 standard. Site soil classes have also been redefined from the ASCE 7-16 six site classes to nine new site classes; the new classes are based more strongly on the shear wave velocity than previously, which will favor performing shear wave velocity measurements on more sites. This presentation compares the previous site classes and design spectra from ASCE 7-16 with the new versions in ASCE 7-22 at locations across the United States. Additionally, comparisons of the design earthquake spectra from ASCE 7-16, ASCE 7-22, and site-specific probabilistic seismic hazard analysis for 30 sites in the Los Angeles Metropolitan Area will be provided. (1 PDH)

**April 22, 2025, 10 am to 11 am Pacific Time (Fee for Webinar/Not Included in Webinar Subscription Package)**

**HSS Connections Made Easy—for Trusses and Moment Frames**

**Webinar Series—Day 1: Weld Design for HSS Connections**

Speaker: Dr. Kyle Tousignant, Ph.D., P.E., Associate Professor at Dalhousie University

Dr. Tousignant will summarize the rules used to classify HSS truss connections and their potential limit states. Additional technical resources, such as AISC 360 and AISC Design Guide 24, will also be introduced for those wanting to learn more or apply the knowledge in practice. The remainder of the presentation will focus on the application of AISC 360 Section K5: “Welds of plates and branches to HSS” and considerations for fabrication and design. (1 PDH)

**April 23, 2025, 8 am—1 pm Pacific Time (Fee for Webinar)**

**CalOES Safety Assessment Program**

Speakers: Derek Hanson, P.E., President of Structural Engineering Excellence, Inc. and Patrick Murren, P.E., S.E., Chair of SEER Charleston’s Chapter of SEA

This California Office of Emergency Services (CalOES) Safety Assessment Program (SAP), presented by NCSEA, is based on ATC-20/45 methodologies and forms. This SAP training course provides engineers, architects and code-enforcement professionals with the basic skills required to perform safety assessments of structures following disasters. Licensed design professionals and certified building officials will be eligible for SAP Evaluator certification and credentials following completion of this program and submission of required documentation (4.5 PDH)

**April 29, 2025, 10 am to 11 am Pacific Time (Fee for Webinar/Not Included in Webinar Subscription Package)**

**HSS Connections Made Easy—for Trusses and Moment Frames**

**Webinar Series—Day 2: Moment Connections to RHS Columns**

Speaker: Dr. Kyle Tousignant, Ph.D., P.E., Associate Professor at Dalhousie University

The second day of this webinar series will dive into a case study

discussing common challenges faced when using HSS members in moment-resisting frames. Dr. Tousignant will share a unique Canadian perspective on these challenges and reveal that the solution may lie in using American code provisions (AISC 341) as a model to overcome them. American engineers will benefit from this comparative study revealing new and innovative solutions for connecting HSS members in moment-resisting frames. (1 PDH)

**May 1, 2025, 10 am—11:15 am Pacific Time (Fee for Webinar/Free to Webinar Subscribers)**

**Specifying FRP for Building Diaphragm and Shear Wall Strengthening: Aligning with Design Intent and Latest Research**

Speakers: Garrett Hagen, P.E., S.E., Principal at Degenkolb Engineers and Aniket Borwankar, Senior Development Manager at Simpson Strong-Tie

This presentation focuses on the evaluation and retrofit design practices for concrete diaphragms and shear walls in the U.S. using FRP as a seismic strengthening solution. Although there are extensive component modeling load-deformation characteristics and acceptance criteria prescribed for various concrete components in U.S. standards like ASCE/SEI 41, such provisions for concrete diaphragms generally point to walls and other similar component idealizations. Consequently, practicing engineers must resort to alternative design methods for assessing retrofit design decisions wherein real building diaphragms rarely resemble the idealized wall counterpart. Furthermore, after evaluation shows that retrofit is required, similar extrapolations are required for FRP strengthening schemes, using the beam-analogy and debonding strains prescribed in ACI 440.2-R and other documents. This presentation will highlight large-scale testing for diaphragm shear, chords and collectors, and provide design recommendations resulting from these test programs. Additionally, this presentation will aim to provide guidance to consulting engineers on effective ways to specify FRP for seismic applications to meet design intent. (1.25 PDH)

**May 8, 2025, 10 am to 11 am Pacific Time (FREE)**

**2025 SEE Awards Webinar Series**

**New Bridges or Transportation Structures: Williams Crossing Pedestrian Bridge**

Speaker: Stephan Hollinger, P.E., S.E., Schlaich Bergermann Partners

This presentation will showcase the new Williams Crossing pedestrian bridge in Tulsa, OK as a project case study and expand on the advanced analysis techniques that were used to optimize the structure. Designed and engineered by schlaich bergermann partner (sbp), the deck stiffened, plate arch structure is the first of its kind in the United States and the bridge is also the longest multi-arch pedestrian bridge in the country. (1 PDH)

There are also recorded webinars that can be purchased for professional development hours (PDHs) online at <https://www.ncsea.com/education-events/calendar/>



## BLENDED CEMENTS WORKSHOP

WITH: Michelle Wilson (PCA), Michael G. Hernandez (ASCC), Jason Weiss (OSU), and More!

**THURSDAY** **McMenamins Kennedy School**  
**MAY 15<sup>th</sup> 2025** **5736 NE 33rd Ave**  
**8:00<sup>AM</sup> – 5:00<sup>PM</sup>** **Portland, OR 97211**

Engineers receive 6 PDH's  
for Attending Seminar

Contractors receive 6 CEU's  
for Attending Seminar

**\$225.<sup>00</sup>**

For OACI Members

**\$250.<sup>00</sup>**

For Non-Members

**SPACE IS LIMITED SO BE SURE TO REGISTER EARLY!!**

**EARLY BIRD DISCOUNT:**  
**Register and Pay Before**  
**4/25/25 For Additional**  
**\$25 OFF!**

**Cement is Changing for Good:** Don't get left behind! Be on the leading edge and join us for a comprehensive, one-day workshop on Blended Cements including portland-limestone cement (Type IL) and other ASTM C595 cements, where industry experts will share insights through presentations, roundtable discussions, and a project showcase.



Left to Right: Michelle Wilson (PCA), Michael G. Hernandez (ASCC), Jason Weiss (OSU) - See Back page for Bios!

### KEY TOPICS:

- Explore the history of modern cement and evolution of current specifications of blended cements, along with future prospects.
- Learn how different cement types and their characteristics influence the fresh and hardened properties of concrete.
- Discuss ongoing and emerging research priorities driving innovation in blended cement development.
- Review best practices in using blended cements in concrete construction.

### WHO SHOULD ATTEND:

- Architects
- Engineers
- General Contractors
- Concrete Contractors
- Ready-Mix Producers
- Testing Laboratories
- Researchers and Academics
- Municipalities

### BENEFITS OF ATTENDING:

- Networking Opportunities: Connect with industry leaders and peers.
- Knowledge Sharing: Gain insights from experts and share your own experiences.
- Professional Development: Stay updated on the latest trends and technologies.
- Collaborative Environment: Engage in collaborative problem-solving.

8:00 <sup>AM</sup> –8:30 <sup>AM</sup>	<b>WELCOME &amp; CONTINENTAL BREAKFAST (M. Wilson)</b>
8:30 <sup>AM</sup> –8:45 <sup>AM</sup>	<b>ROADMAP TO CARBON NEUTRALITY (M. Wilson)</b> <ul style="list-style-type: none"> <li>• The Value Chain</li> <li>• Low-Carbon Cement and Concrete Protocol</li> </ul>
8:45 <sup>AM</sup> –9:45 <sup>AM</sup>	<b>FUTURE OF CEMENT (M. Wilson)</b> <ul style="list-style-type: none"> <li>• History of Modern Portland Cement</li> <li>• Evolving Cement Specifications</li> </ul>
9:45 <sup>AM</sup> –10:00 <sup>AM</sup>	<b>15 MINUTE BREAK</b>
10:00 <sup>AM</sup> –11:00 <sup>AM</sup>	<b>IMPACT OF CEMENT CHARACTERISTICS ON PERFORMANCE OF CONCRETE (M. Wilson)</b> <ul style="list-style-type: none"> <li>• Portland Cement Clinker</li> <li>• Blended Cement</li> <li>• SCMs</li> </ul>
11:00 <sup>AM</sup> –11:30 <sup>AM</sup>	<b>FRESH CONCRETE PERFORMANCE NEEDS (M. Hernandez)</b> <ul style="list-style-type: none"> <li>• Workability</li> <li>• Bleed Rate</li> <li>• Setting Time</li> </ul>
11:30 <sup>AM</sup> –12:30 <sup>PM</sup>	<b>1 hour LUNCH (Will Be Provided)</b>
12:30 <sup>PM</sup> –2:00 <sup>PM</sup>	<b>FUTURE BLENDED CEMENT RESEARCH NEEDS (J. Weiss)</b>
2:00 <sup>PM</sup> –2:15 <sup>PM</sup>	<b>15 MINUTE BREAK</b>
2:15 <sup>PM</sup> –3:00 <sup>PM</sup>	<b>PROJECT SHOWCASE</b> <ul style="list-style-type: none"> <li>• Panel Discussion</li> </ul>
3:00 <sup>PM</sup> –4:00 <sup>PM</sup>	<b>ROUNDTABLE DISCUSSION</b>
4:00 <sup>PM</sup> –4:15 <sup>PM</sup>	<b>CLOSING REMARKS</b>
4:15 <sup>PM</sup> –5:00 <sup>PM</sup>	<b>Social Hour</b>

**TO REGISTER, VISIT: [www.OregonACI.org](http://www.OregonACI.org)**





## BLENDING CEMENTS WORKSHOP



### **About Michelle Wilson (PCA):**

Michelle L. Wilson, FACI, is Senior Director of Concrete Industry Outreach and Support at the Portland Cement Association. She has over 25 years of experience relating to concrete materials, specifications, performance, troubleshooting and repair.

Wilson is the primary author of PCA's "Design and Control of Concrete Mixtures". She is responsible for PCA's technical resources covering the entire spectrum of cement and concrete technology including industry outreach and support for PCA's Roadmap to Carbon Neutrality.

Wilson served on the Board of Direction of American Concrete Institute and is past chair of 301 Specifications for Concrete Construction. She received the 2008 ACI Young Member Award for Professional Achievement and became a Fellow of the Institute in 2010. She is also a member of ASTM International Committee C09 Concrete and Concrete

Aggregates, and served on the C09 Executive Committee, and is current chair of Subcommittee C09.40-Specification for Ready Mixed Concrete.

Wilson received her BS in architectural engineering from Milwaukee School of Engineering, Milwaukee, WI, with an emphasis in structural engineering and concrete materials. She was awarded the 2022 Outstanding Alumna of the Year from MSOE.

Prior to joining PCA, she worked for Construction Technology Laboratories (CTLGroup), in Skokie, Illinois, specializing in concrete evaluation and troubleshooting, and repairs on various projects throughout the United States. And previous to CTLGroup, she worked as a field inspector performing quality control for STS Consultants, Ltd. in Milwaukee, Wisconsin.

### **About Michael Hernandez (ASCC):**

Mike Hernandez is the Technical Director for the American Society of Concrete Contractors, ASCC. He Co-Chairs ASCC's Technical, Sustainability, Constructability and Finishing committees and oversees the technical content of ASCC, Decorative Concrete Council, and Concrete Polishing Council in support of concrete contractors. Mike serves on 14 ACI committees including Chair of 131-Building Information Modeling.

Prior to joining ASCC, Hernandez worked for 26 years in concrete construction as a project engineer for Mortenson, various roles over 18 years with Baker Concrete Construction, including operations manager and engineering/BIM manager. A senior project manager for

Parsons Construction Group, and most recently project manager for All Phase Concrete.

Projects Mike has supervised include two terminal expansions at Miami International Airport, formwork design engineer for 83, 52 and 51-story high-rise buildings; a 223 tilt-panel distribution center; ~3,000-ft. interstate highway bridge; ~9,000-ft bridge for a heavy rail rapid transit system; concrete frame at the Denver Broncos stadium and other design-build bridges, tilt-up and commercial concrete building structures.



### **About Jason Weiss (OSU):**

Jason Weiss is the Edwards Distinguished Chair in Engineering. Before joining Oregon State as the Head of the School of Civil and Construction Engineering (2015-2020) he was a faculty member at Purdue University for over 16 years where he held the position of the Jack and Kay Hockema Professor of Civil Engineering and Director of the Pankow Materials Laboratory. He earned a B.A.E. from the Pennsylvania State University and a MS and PhD from Northwestern University in 1997 and 1999 respectively. He is actively involved in research on cement and concrete materials specifically focused on early age property development, cracking, transport in concrete, and concrete durability. Specifically, he is known for research his group has performed in the areas of shrinkage and cracking reduction, the use of the ring and dual ring test, use of electrical resistivity and the formation factor, salt damage and oxychloride, use of internally cured concrete, and concrete pavement durability.

Dr. Weiss has taught courses in civil engineering materials, concrete materials, service life, building envelopes, repair and non-destructive testing. His primary research interests are in the area of early age shrinkage cracking and mitigation as well as service life sensing and prediction.

He is also a primary author of the durability tests for the Performance Engineered Mixtures/Performance Related Specifications programs underway at FHWA. He is currently the Editor-in-Chief of the American Concrete Institute's Journal of Materials, Associate Editor of the Transportation Research Record, and is the former editor in chief of the ASTM journal of Advances in Civil Engineering Materials and the RILEM journal Materials and Structures.

Dr. Weiss has authored over 425 publications with over 225 peer-reviewed journal articles. He is recipient of the NSF Career Award, the RILEM L'Hermite Medal, the ACI W. P. Moore, ACI Young Member, ACI Philleo, and ACI Wason Best Paper Award, ACI Arthur Anderson Award, the ESCSI Erskine Award, the TRB Burgraff, AFN040 section award, and Mather Awards for outstanding research and publications, the ACPA Knutson award, and the ASCE Huber Award. He is a fellow of ACI and RILEM and is also the recipient of the Wansik, Munson, Buck, and Burke award for outstanding teaching/advising in the School of Engineering, the Potter award for outstanding teaching in the College of Engineering, the University Murphy Award for undergraduate teaching, and has been inducted into the Purdue Teaching Academy.

# 2025 SEAO / OACI GOLF TOURNAMENT



**JULY 9<sup>TH</sup>, 2025**  
**Langdon Farms Golf Club**  
**1:30 PM SHOTGUN START!**

## WHEN:

DATE: Wednesday, July 9<sup>th</sup>, 2025  
 SHOTGUN START: 1:30PM  
 SOCIAL HOUR: 6:00PM  
 DINNER & AWARDS: 6:30-7:30PM

## EVENT DETAILS:

For 2025, OACI and SEAO will be returning once again to the premier Portland area golf club, Langdon Farms!

Langdon Farms Golf Club remains, as stated at the entrance, "Public Only." For several years, the course hosted the local US Open qualifier where the lowest all-time score was 67, 4 under par. In 1995, noted architects Bob Cupp and John Fought designed Langdon Farms with dynamic mounding, strategic bunkering, and well-placed water features that make their links-style golf course stand out. The 18-hole "Langdon Farm" course features 6,935 yards of golf from the longest tees for a par of 71. The course rating is 73.3, and it has a slope rating of 125 on Blue grass.

Appropriate "Country Club" attire is required:

- Collared Shirts
- No Denim
- Shorts must have a 6" inseam
- Soft spikes only

## WHERE:

**Langdon Farms Golf Club**  
 24377 Airport Rd NE  
 Aurora, OR 97002  
 Phone: (503) 678-4653

## TOURNAMENT:

4-Player Team Scrambles

## DINNER:

A catered dinner will be served after the tournament on-site.

## CONTACT:

**Jane Ellsworth**  
 ph: (503) 753-3075  
 em: jane@seao.org

## REGISTRATION:

RETURN THIS ENTRY FORM BY JULY 7<sup>th</sup> TO:  
 SEAO  
 PO BOX 2958  
 Vancouver, WA 98668

**\*\*\*\* NO REFUNDS FOR CANCELLATIONS AFTER JUNE 25<sup>h</sup> \*\*\*\***

(Player Fee includes **2 raffle tickets, 2 drink tickets**, green fee, golf cart, driving range, dinner, and Team items\*)

**\*Included with every team registration: 4 (four) Mulligans total (1 per player) and 1 (one) Five-Foot String, per Team.**

## TEAM:

Player Names

Membership

Fee

Payment Enclosed

<input type="checkbox"/>		<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	<b>\$250</b>	\$ _____
<input type="checkbox"/>		<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	<b>\$250</b>	\$ _____
<input type="checkbox"/>		<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	<b>\$250</b>	\$ _____
<input type="checkbox"/>		<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	<b>\$250</b>	\$ _____

Pay By MAIL:  Check Included

TOTAL: \$ \_\_\_\_\_

Name:  
As it appears on Credit Card

Contact Phone #:

Credit Card #:

Credit Card Exp Date:

3-Digit Code:  
On back of Credit Card

Billing Zip Code:

Please Return This Form A.S.A.P. to: SEAO, PO BOX 2958, Vancouver, WA 98668



# 2025 SEAO / OACI GOLF TOURNAMENT



**JULY 9<sup>TH</sup>, 2025**  
**Langdon Farms Golf Club**  
**1:30 PM SHOTGUN START!**

## SPONSORSHIP FORM

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

### HOLE SPONSORSHIP *(choose any or all of the following)*

**HOLE SPONSORSHIP - \$300**  
 Comes with individual tee signage and recognition at the on-site dinner.

**PAR-3 SPONSORSHIP - \$750**  
 Set your company up near the tee at one of 4 available, 3-par holes and also receive recognition at the on-site dinner. (Only available to 4 sponsors)

**DINNER SPONSORSHIP - \$3,000**  
 Join the SEAO and OACI by sponsoring the on-site barbacue dinner! Includes tournament registration for a team of four, and distinct recognition from SEAO/OACI at the on-site dinner.

### ADDITIONAL SPONSORSHIPS *(choose any or all of the following)*

**LD/KP/Long Putt Hole Sponsor \$150**

**On Course Drink Refreshment Sponsor \$500**  
*(Host drink cart for one beverage per participant to be redeemed during play)*

**Tee Off Sponsor \$300**  
*(Host keg of Micro-brew)*

**19<sup>th</sup> Hole Sponsor \$300**  
*(Host keg of Micro-brew)*

**Golf Cart Sponsor \$500**  
*(Host the golf carts with a sign in each cart with your company name)*

SPONSORSHIP SUB-TOTAL: \$

### TEAM REGISTRATION

#### SPONSORS WILL HAVE UNTIL MAR. 1<sup>st</sup>, 2025 TO GUARANTEE TEAM REGISTRATION

*(Player Fee includes 2 raffle tickets, 2 drink tickets, green fee, golf cart, driving range, dinner, and Team items\*)*

TEAM:	Player Names	Membership	Fee	Payment Enclosed
<input type="checkbox"/>		<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	<b>\$250</b>	\$ _____
<input type="checkbox"/>		<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	<b>\$250</b>	\$ _____
<input type="checkbox"/>		<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	<b>\$250</b>	\$ _____
<input type="checkbox"/>		<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	<b>\$250</b>	\$ _____

**\*Included with every team registration: 4 (four) Mulligans total (1 per player) and 1 (one) Five-Foot String, per Team.**

PLAYER/TEAM SUB-TOTAL: \$

Pay By MAIL:  Check Included

TOTAL: \$

Name:   
As it appears on Credit Card

Contact Phone #:

Credit Card #:

Credit Card Exp Date:

3-Digit Code:   
On back of Credit Card

Billing Zip Code:



# STRUCTURAL PEER REVIEW SERVICES

## NEED A SECOND SET OF EYES ON YOUR PROJECT?

Erickson Structural provides independent, customizable peer reviews for engineers working on existing buildings. Our reviews help reduce risk, improve efficiency, identify alternatives, and propose solutions. Peer reviews can be general or detailed, topic-specific, and tailored to fit your timeline and budget. Reviews can be conducted confidentially behind the scenes, so our involvement is not visible to the engineer's client, or transparently, so that all parties are aware of our role and recommendations, depending on project needs and engineer preferences.

### We Provide Peer Reviews for:

- ✓ Engineering Reports for Complex Structural Projects
- ✓ Remediation for Structurally Distressed Buildings
- ✓ Structural Forensic Investigations

### Flexible Review & Feedback Options:

Feedback can be provided verbally, in writing, through red-line markups, or other formats to meet project needs.

*"I have been sending my structural reports to Erickson Structural to review for many years. I have had other engineers review my reports but have not encountered anywhere near the level of thoroughness, quality, frankness and technical feedback that I've received from Erickson Structural. I highly recommend their reviews to enhance the quality of your engineering product." - Marcor Platt, PE, SE*

**READY TO BEGIN?** Start your peer review today at [ericksonstructural.com/peer-review](http://ericksonstructural.com/peer-review)  
**QUESTIONS?** Contact us at [info@ericksonstructural.com](mailto:info@ericksonstructural.com)