

March 2026



## March President's Column

By Romulos P. Ragudos, Jr.

ASCE Seattle Section President

Hello Seattle Section,

Several student, YMF and Section Leaders just returned from Reno, NV attending the annual Multi-Region Leadership Conference, where we hope to use the new ideas/connections gained this year on our upcoming events!

Our next Dinner Meeting will be March 26 with our local Geotechnical/Geo-Institute Chapter, please RSVP in the link below. Also, their Annual Short Course and Spring Seminar will be held on May 1 and 2.

Applications for our Local Outstanding Civil Engineering Awards are live and are due on March 27, and Region 8 Award nominations are due May 1. Please see the link below for additional information, and please consider nominating your projects/engineers for these awards.

Additionally, the YMF's largest event of the year, the 31st Popsicle Stick Bridge Competition on March 14 at the Museum of Flight.

If you are looking to get more involved with ASCE, we have many opportunities available so please feel free to contact me at [president@seattleasce.org](mailto:president@seattleasce.org).

Stay updated on our latest events, please check out our Section Website, subscribe to the newsletter and follow us on LinkedIN.

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## Seattle Section at MRLC 2026 in Reno, NV



**ASCE G-I Seattle Chapter x Section Dinner  
Meeting - March 26, 2026**

# March 26, 2026



## Ground Improvement for Seismic Resilience: Deep Soil Mixing and Jet Grouting Along the Port of Alaska Shoreline

**A Presentation by Supreeth Prasad, EIT, Condon-Johnson & Associates**

The Port of Alaska serves as a critical economic and transportation hub, facilitating the distribution of over 90% of Alaska's essential goods and services. However, the port's condition has become increasingly critical. Its aging infrastructure is vulnerable to global instability and lateral spreading in the event of a major earthquake. To ensure uninterrupted service to its community, the Port of Alaska Modernization Program was initiated.

In support of future terminal expansion, Condon-Johnson and Associates was retained to stabilize nearly 1500-feet of the port's shoreline through ground improvement. This presentation will discuss the construction process for installing Deep Soil Mixing and Jet Grout panels, the various quality controls measures implemented, and the constructability challenges with mixing various soil types in The Last Frontier!

Supreeth Prasad has been working with Condon-Johnson and Associates for nearly 3-years, specializing in design-build deep soil mixing, jet grouting, rigid inclusion, and stone column projects. He earned his Bachelor's degree in Civil Engineering from the University of British Columbia and a Master's degree in Geotechnical Engineering from the University of Colorado, Boulder. Supreeth is an active member of the ASCE Geotechnical Institute Seattle Chapter, where he currently serves as Treasurer.



### Location

Ivar's Acres of Clams, Downtown Seattle Waterfront  
1001 Alaskan Way, Pier 54

### Cost

Member/Non-member: \$60  
Students: \$10  
*\*Plus Eventbrite processing fees*

### Tentative Meeting Agenda

5:30 Check-in, Dinner, & Networking  
6:00 Introduction & Announcements  
6:15 Presentation  
7:15 Wrap Up

### Register at Eventbrite:

<https://asce-seattle-gi-march-2026.eventbrite.com>

*Organized by ASCE Seattle Section and ASCE Seattle Geo-Institute Chapter*  
<https://www.asceseattle.org/> <https://seattlegeotech.org/>

ASCE Seattle Section/G-I will host a joint dinner meeting on Thursday, March 26. Supreeth Prasad of Condon-Johnson will present on deep soil mixing at the Port of Alaska. Space is limited so register early! Registration at: <https://asce-seattle-gi-march-2026.eventbrite.com>.

If you are interested in sponsoring our local college students to attend dinner meetings and network with our local practitioners, please reach out to Jackie Bronner ([jackie.bronner@seattle.gov](mailto:jackie.bronner@seattle.gov)). Your support to our student groups is greatly appreciated!

Directions & Parking

More transportation and parking info at Ivar's website:  
<https://www.ivars.com/acres>

Thank you to Condon-Johnson & Associates for their donation to help reduce costs for students!

Local Outstanding Civil Engineering  
Achievements Award (LOCEA) 2026 -  
Applications are Open!



The poster features the title 'locea project awards 2026' in large, stylized orange and grey text on the left. In the top right corner is the ASCE Seattle Section logo. To the right of the title, it states 'applications due by: mar. 27, 2026'. Below this, the word 'categories:' is centered between decorative flourishes. A list of categories follows, each preceded by a leaf icon and a horizontal line extending to the left.

**locea project awards 2026**

ASCE  
SEATTLE SECTION

applications due by:  
**mar. 27, 2026**

**categories:**

- **Geotechnical**
- **Transportation & Development**
- **Water Resources / Environmental updated!**
- **Structures**
- **Small Project & Non-Construction Study**
- **Ports & Waterways**
- **Preservation new category!**
- **Disaster Resiliency new category!**

2025 Region 8 Award Nominations

# 2025 Region 8 Award Nominations

Award Nominations are due by May 1, 2026.

Click on the award below to submit your nomination packet.

[Region 8 Awards](#)



**[Dale Nelson Engineer of the Year](#)**  
[Engineers 36 years of age and over](#)

**[Kristina L. Swallow Young Engineer of the Year](#)**  
[Engineers 35 years of age and under](#)



**[Project of the Year](#)**

[Large Project - Construction costs > \\$10 million](#)

[Small Project - Construction costs < \\$10 million](#)

Contact Us 

Follow these links to submit a nomination packet:

[Dale Nelson Engineer of the Year - Engineers 36 years of age and over](#)

[Kristina L. Swallow Young Engineer of the Year - Engineers 35 years of age and under](#)

[Project of the Year - Large Project - Construction costs > \\$10 million](#)

[Project of the Year - Small Project - Construction costs < \\$10 million](#)

**Call for Volunteers!**  
**Popsicle Stick Bridge Competition**  
**- March 14, 2026**

# Call for volunteers!

## Popsicle Stick Bridge Competition

Come volunteer at our 31st annual popsicle stick bridge competition! No prior experience is required.

\*We will have a volunteer meeting on Tuesday, March 3rd. However, if you cannot attend, we will send you all the information you need to know!

### **PSB Competition Day**

Saturday, March 14th  
7:30am to 2:00pm

### **MUSEUM OF FLIGHT**

9404 E. Marginal Way South  
Seattle, WA 98108-4097

### **\*Volunteer Meeting**

Tuesday, March 3rd  
@ HNTB Seattle Office  
(Not mandatory, but Encouraged)



Come volunteer at the 31st annual Popsicle Stick Bridge competition!

**When:** Saturday, March 14th

**Time:** 7:30am - 2pm

**Where:** Museum of Flight

**Address:** 9404 East Marginal Way South, Seattle, WA 98108

We will have a volunteer meeting beforehand to assign roles. Attendance is not mandatory, but encouraged.

**When:** Tuesday March 3rd

**Time:** TBD

**Where:** HNTB Seattle Office

**Address:** 411 1st Ave S #200, Seattle, WA 98104

**RSVP:** <https://docs.google.com/forms/d/e/1FAIpQLSfUp5ujhBFBSt5k3jryHo6Djt-eRp6iCPvneTWH3kBgSaZrDA/viewform>

# ASCE G-I Seattle Chapter 40th Annual Spring Semester & Short Course - Registration Now Open!

We are pleased to announce that registration is currently open for the 40th Annual Spring Seminar and Spring Short Course!

The Short Course will be held on Friday, May 1st at Columbia Tower. The short course will be split into two topics including Advanced Tools for Site Response Analysis and Next Generation Liquefaction Models for Susceptibility, Triggering and Manifestation.

The Spring Seminar will be held on Saturday, May 2nd at the Mountaineers. The topic for this year's seminar is "Beneath the Surface – Best Practices in Site Exploration, Lab Testing and Seismic Design." Please reference the Spring Seminar flyer for confirmed speakers and topics.

Attendees will be eligible to receive Continuing Education Units (CEUs) or Professional Development Hours (PDHs).

See the website for event details and the Spring Seminar & Short Course Flyer: <https://seattlegeotech.org/eventlist/>

Register for these events at Eventbrite. Exhibitor and sponsor options for companies are available.

Spring Short Course

[2026 Spring Short Course Tickets, Fri, May 1, 2026 at 8:00 AM | Eventbrite](#)

Spring Seminar

[2026 Spring Seminar Tickets, Sat, May 2, 2026 at 8:00 AM | Eventbrite](#)

Sponsors and Exhibitors: <https://www.eventbrite.com/e/2026-spring-seminar-exhibitors-tickets-1982600472383?aff=oddtcreator>

Annual Spring Short Course

8:00 AM to 5:00 PM, May 1, 2026 at Columbia Tower, Seattle, Washington ([Directions](#))

The ASCE Seattle Section Geotechnical Group / Seattle Geo-Institute Chapter is proud to announce our annual Short Course, which will be held on May 1<sup>st</sup>, 2026. The Short Course will be held on the 76<sup>th</sup> floor of the Columbia Tower. Course attendees will be eligible to receive 0.7 Continuing Education Units (CEU) or 7 Professional Development Hours (PDH).

**Topic 1: Advanced Tools for Site Response Analysis**

Site response analysis is one of the most commonly performed types of analysis in geotechnical earthquake engineering. New approaches have been developed for site response analysis that can (1) enhance the efficiency of the analysis (i.e., random vibration theory, RVT), (2) incorporate uncertainties in the input properties (i.e., statistical variation of properties), and (3) improve site response predictions at larger strains (i.e., frequency-dependent properties, kappa scaling). These advancements have been incorporated into the publicly available and open-source site response programs Strata and pyStrata. Strata is a stand-alone program that includes an easy-to-use graphical user interface for both providing input data and analyzing output results. pyStrata is a Python package that implements many of the features included in Strata, plus a few more, and allows for developing custom workflows. In this short course, we will describe the recent advancements listed above, explain their incorporation into Strata and pyStrata, and provide live demonstrations.

**Topic 2: Next Generation Liquefaction Models for Susceptibility, Triggering, and Manifestation**

In this half-day seminar, members of one of the Next Generation Liquefaction (NGL) model development teams, known as the SMT, will highlight the main outcomes of a project jointly supported by the U.S. Nuclear Regulatory Commission (NRC) and the U.S. Bureau of Reclamation (USBR) to use the extensive NGL project's case history database to develop a suite of models for the probabilities of liquefaction susceptibility, triggering, and ground surface manifestation. The NGL models represent a significant evolution in liquefaction modeling; this workshop will facilitate understanding of how they are different and provide practical, detailed guidance on how they can be applied.

**CONFIRMED SPEAKERS AND TOPICS**

<b>Ellen Rathje, Ph.D., P.E.</b> University of Texas, Austin, TX	<i>Topic 1: Advanced Tools for Site Response Analysis</i>
<b>Albert Kottke, Ph.D., P.E.</b> Pacific Gas & Electric, San Mateo, CA	<i>Topic 1: Advanced Tools for Site Response Analysis</i>
<b>Jon Stewart, Ph.D., P.E.</b> University of California, Los Angeles, CA	<i>Topic 2: NGL Models – Project Overview &amp; Critique of Critical Layers</i>
<b>Steve Kramer, Ph.D.</b> University of Washington, Seattle, WA	<i>Topic 2: NGL Models - Model Development Philosophy - Bayesian Framework</i>
<b>Kristin Ulmer, Ph.D.</b> Southwest Research Institute, San Antonio, TX	<i>Topic 2: NGL Models - Laboratory-based Liquefaction Triggering Model</i>
<b>Ken Hudson, Ph.D., P.G.</b> Hudson Geotechnics, Inc., El Segundo, CA	<i>Topic 2: NGL Models - Case History Processing &amp; Manifestation Model</i>
<b>Scott Brandenburg, Ph.D., P.E.</b> University of California, Los Angeles, CA	<i>Topic 2: NGL Models - Ground Motion Intensity Measure Interpolation &amp; Profile-based Approach</i>

**REGISTRATION** | Information and details are available at <https://seattlegeotech.org>.

- To be the **Event Sponsor** please contact Alec Anderson at [aanderson@geopienorthwest.com](mailto:aanderson@geopienorthwest.com)

**40th Annual Spring Seminar**

***Beneath The Surface – Best Practices in Site Exploration, Lab Testing, and Seismic Design***

**\*8:00 AM\* to 4:30 PM, May 2, 2026 at The Mountaineers in Seattle, WA**

The ASCE Seattle Section Geotechnical Group / Seattle Geo-Institute Chapter is proud to announce our 40<sup>th</sup> annual Spring Seminar, which will be held on May 2<sup>nd</sup>, 2026 at The Mountaineers in Seattle. This year's seminar will focus on site exploration, lab testing, and seismic design. The seminar program will cover best practices, databases and tools, case studies, and lessons learned. Course attendees will be eligible to receive 0.7 Continuing Education Units (CEU) or 7 Professional Development Hours (PDH).

A continental breakfast will be served during check-in, starting at 8:00 AM, while **\*presentations start at 9:00 AM\***. Catered lunch will also be provided.

**CONFIRMED SPEAKERS AND TOPICS**

**Kelly Cabal | Alex Leibold, P.G.**  
ConeTec, Seattle, WA

*Comparative Analysis of Shear Wave Velocity Measurements Across Borehole and In-Situ Methods*

**Antonio Carraro, Ph.D.**  
Washington State University, Pullman, WA

*Fabric-Sensitive Soil Mechanics: Simple Research Lessons That Can Help Improve Geotechnical Design*

**Sam Sideras, Ph.D., P.E.**  
Shannon & Wilson, Portland, OR

*Site-Specific Characterization of Local Low Plasticity Silts*

**Steve Xu, Ph.D.**  
Haley & Aldrich, Inc., Seattle, WA

*Cyclic Simple Shear Tests on Dry Sand: Seismic Settlement under Regular and Irregular Loading Histories*

**Jim Gingery, Ph.D., P.E., G.E.**  
Keller North America, Seattle, WA

*The Interplay Between Site Investigation Scope and Ground Improvement Construction Costs and Risk*

**Morgan Sanger, P.E., Ph.D. Candidate**  
University of Washington, Seattle, WA

*Artificial Intelligence Across Geotechnical Engineering: From Language Models to Liquefaction*

**Trevor Carey, Ph.D.**  
University of Toronto, Toronto, ON

*Revisiting Liquefaction Triggering and Post-Triggering Straining During Cascadia M9 Megathrust Earthquakes*

**Andrew Fiske, PE**  
WSDOT, Tumwater, WA

*Avoiding a New Coke Moment: The Thoughtful Rewrite of the GDM*

**REGISTRATION**

Registration information and details are available at <https://seattlegeotech.org>.

- To be an **Exhibitor and/or Sponsor** please contact Alec Anderson at [aanderson@geopiemorthwest.com](mailto:aanderson@geopiemorthwest.com)
- To be a **Volunteer** please contact Sean Philbrick at [sean\\_philbrick@berkeley.edu](mailto:sean_philbrick@berkeley.edu)

**ASCE UW Student Chapter and Affiliated Clubs  
Sponsorship Package**



# SPONSORSHIP PACKAGE



## American Society of Civil Engineers University of Washington Student Chapter and Affiliated Clubs

2025-2026 Academic Year

- ASCE UW Student Chapter
- Steel Bridge
- Timber Strong Design Build
- Concrete Canoe



The ASCE UW Student Chapter has helped provide students with hands-on and professional experiences. For the 2025–2026 academic year, their teams are offering a joint sponsorship package. By partnering together, the Chapter aims to simplify the sponsorship process and strengthen support for their growing teams, including the newly established Timber Strong Design Build (est. 2024).

To find the complete Sponsorship Package, click the photo above or [use this link](#).

Thank you for your support of Civil Engineering students at UW!

**ASCE Seattle YMF 2026 Sponsorship Package**

# ASCE Seattle YMF 2026 Sponsorship Package



Platinum \$3000+

Gold \$1500+

Silver \$500+

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Visit Our Website



<https://www.seattleasceymf.org/sponsorships>

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**NOW!**



**ASCE**  
SEATTLE SECTION  
YOUNGER MEMBER FORUM

The **ASCE Seattle Younger Member Forum (YMF)** supports civil engineering professionals and students across the region through professional development, K-12 outreach, university partnerships, networking, and community service. To operate these programs, YMF manages an annual budget of \$43,240, funded by ASCE Section support, event income, and community sponsorships.

For 2026, YMF offers three sponsorship tiers:

#### **Platinum - \$3,000+**

Includes premier recognition, newsletter and website placement, social media spotlights, and top tier event sponsorships such as PSB, Pickleball, Summer Picnic, and the Holiday Party.

#### **Gold - \$1,500+**

Includes newsletter + website recognition with one specialty event sponsorship (PSB or Pickleball) and one networking event sponsorship (Picnic or Holiday Party).

#### **Silver - \$500+**

A single event sponsorship (PSB or Pickleball) including marketing visibility and day of recognition.

### Community - Donate your own amount

Community Sponsorship will match the benefits of Platinum, Gold, or Silver based on the amount donated.

These sponsorships directly fund YMF's biggest programs, including the Popsicle Stick Bridge Competition at the Museum of Flight, the annual Pickleball Tournament, scholarships, conferences, and student support helping inspire and empower the next generation of civil engineering leaders.

Please email us for the full sponsorship package and additional information.

## Volunteer Opportunity: Awards Night Planning

Are you passionate about recognizing excellence and celebrating civil engineering achievement? We're looking for enthusiastic volunteers to join our Awards Committee!

We especially need volunteers to help plan the Awards Dinner, ensuring a fantastic and memorable celebration for all honorees.

Interested? Reach out to Bianca Casem ([biancasem819@gmail.com](mailto:biancasem819@gmail.com)) to get involved today!

## Legislative Committee Recruiting



I'm Grace Amundsen Barnkow, chair of the Legislative Committee. I hold a BS in Civil Engineering and Business from the University of Alaska Fairbanks and an MPA from the University of Colorado Denver. Over the years I've worked with the Alaska and Washington State DOTs, the City of SeaTac, Pacific County, and in private practice.

Our committee keeps an eye on legislation that matters to engineers, gathers input from members on priority issues, and helps make sure our profession's voice is heard.

We're looking for new members to join us—whether you're interested in tracking bills, sharing your perspective, or just learning more about how policy affects engineering.

If you'd like to be involved, we'd love to have you! Those who are interested can email [president@seattleasce.org](mailto:president@seattleasce.org).

## ASCE Seattle Job Board

[Click here to view open positions](#)

Advertise your current open positions to ASCE Seattle members today for only \$75 for the first month and \$50 for each subsequent month of the same content.

[Email communications@seattleasce.org to learn more.](mailto:communications@seattleasce.org)

## Upcoming Committee Meetings

### Younger Member Forum (YMF)

Interested in networking events and opportunities with ASCE Seattle's Younger Members? Be sure to [subscribe to the YMF Newsletter here](#) to stay up to date.



ASCE Seattle Section | PO Box 1786 | Seattle, WA 98111 US

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