

September 2018

September Dinner Meeting
The Path to Opening Seattle's Downtown Tunnel and Removing the Alaskan Way Viaduct

Mirabella
116 Fairview Ave N
Seattle, WA 98109

5:30pm Social Hour
 6:00pm Dinner
 6:30pm Program

Wednesday, September 12

Speaker: Chris D. Brown, P.E., SR 99 Demolition, Decommissioning and Surface Streets Engineering Manager, Alaskan Way Viaduct Replacement Program, Washington State Department of Transportation

\$45 (\$40 early bird) for General Admission
 \$25 (\$20 early bird) for students and free agents

Early Bird Registration ends after Wednesday, September 5

Description: The State Route 99 Alaskan Way Viaduct has been a fixture on Seattle's waterfront and a vital north-south route through downtown for more than 60 years. The Washington State Department of Transportation (WSDOT) is replacing the seismically vulnerable structure with the nation's largest-diameter bored tunnel and other projects that together will reshape the SR 99 corridor.

Registration closes Sunday, September 9

Join us for an update on the program, including the upcoming SR 99 closure leading to tunnel opening and the approaching removal of the viaduct!

Attendees are encouraged to preregister; there will be limited on-site registration.

[Click Here to Register](#)



September President's Column

By Diana Hasegan, PE, ENV SP, Seattle Section President

Thank you for an amazing year! You've been a great professional community to work with and it has been a great honor to be able to serve you this year.

A multitude of thanks go to the board members who have served with me this year, four of which are finishing their terms this month:

- Amanda Schweickert who has served for the past three years as Director of Standing Committees.
- Shailee Sztern who has managed our Section's finances for the past two years as Treasurer.
- Kelli Dean who has served in the President office for the past three years.
- Jared Nakamoto who has served as the YMF Board Representative.

And four of which are continuing their terms for at least another year:

- Eset Alemu, President-Elect; she will assume the President position after the new officer induction ceremony at the October membership meeting.

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**OCTOBER 2018
NEWSLETTER
CONTENT DEADLINE:
October 20, 2018**

- Homero Flores, Director of Technical Committees;
- Tony Nguyen, Director of Branches;
- Paul Fikse, Secretary.

They have all been instrumental in accomplishing all the great programming and membership value we have accomplished this year. This year we have seen great attendance at all networking events and community events, amazing engagement with the student chapters and the younger members, and we've been working tirelessly with other sections in the state to update our Report Card on the Washington State Infrastructure.

In their place, you have elected three amazing individuals who will carry the great work forward:

- Katie Sultani-Wright, Treasurer;
- Mike Harney, Director of Standing Committees;
- Henry Haselton, President-Elect.

The Younger Member Forum has also elected their YMF Board Representative as Don Nguyen.

In August, we have been graced with Robin Kemper's visit to the Seattle area. She is currently ASCE Society-level President-elect's and will take on the President responsibilities at the ASCE Convention held in Denver in October. While in Seattle, Robin has been able to tour the Snoqualmie Falls and Ballard Locks, both ASCE National Historical Landmarks, as well as our newest project which will soon open to the public, the famous SR 99 Tunnel.



Above: SR 99 Tunnel Tour; Below: Ballard Locks Tour



This Fall brings a new ASCE year filled with engaging opportunities to expand your network and serve your community. I hope you will take advantage and get involved by volunteering and participating in the ASCE activities that most interest you. I am looking forward to seeing you at the next membership meeting!

All ASCE Seattle Members are always invited to join the Seattle Section Board Members at the monthly Board Meeting. Interested in attending? Check the [calendar on the ASCE Seattle website](#) for the meeting time and location and email president@seattleasce.org if you plan on joining us!

DID YOU KNOW?

Nominations Open: Excellence in Journalism

Each year, the American Society of Civil Engineers honors a journalist or producer who enhances the public's understanding of civil engineering and the importance of improving our nation's infrastructure with the [Excellence in Journalism Award](#). If you read an article, heard a radio interview, or saw a local TV newscast about local aging infrastructure or a new investment success story, please consider nominating the piece for the award. The nomination form only requires the journalist's contact information and a link to the article or broadcast clip.



[Additional details](#) and the [nomination form](#) can be found online. The application is now open and will close on **October 1, 2018**.

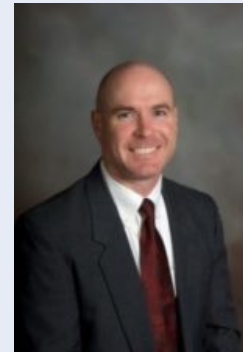
ASCE Geotechnical Group Presents:

Region-Specific Probabilistic Liquefaction Hazard Analysis: Overview of the Liquefaction Pilot Study Being Performed in the Netherlands Due to Induced Seismicity

When: September 27, 5:30pm - 8:30pm

Where: Best Western Plus Executive Inn, Seattle 200 Taylor Ave N Seattle, WA 98109 United States

Abstract: The Groningen gas field in the Netherlands is one of the largest in the world and has produced over 2000 billion m³ of natural gas since the start of production in 1963. The first earthquakes linked to the gas production in the Groningen field occurred in 1991, with the largest event to date being an ML3.6. In response to concerns about the induced earthquakes, the field operator is leading an effort to quantify the seismic hazard and risk resulting from the gas production operations, to include the assessment of the liquefaction hazard. However, due to the unique characteristics of both the seismic hazard and the geologic profiles/soil deposits in Groningen, direct application of existing liquefaction evaluation procedures was deemed inappropriate. Accordingly, efforts were first focused on developing Groningen-specific relationships for evaluating liquefaction potential of the region. The probabilistic liquefaction hazard is being calculated using a Monte Carlo method, wherein for each event scenario, the Groningen-specific relationships are being used to compute the factor of safety (FS) against liquefaction as a function of depth and corresponding Ishihara Inspired Liquefaction Potential Index (LPI_{sh}) hazard curves are being computed. The results from this study are forming the basis on which decisions will be made regarding the need for implementing mitigation measures. The overall approach being used in this pilot study can be adopted to assess the probabilistic liquefaction hazard worldwide. [Learn more here.](#)



[Register Now](#)

Engineers Without Borders Annual Fundraiser

The Puget Sound Chapter is hosting its second annual [Kickball Without Borders](#) event to help raise money for the implementation of three international [projects](#). This kickball tournament is a fun and interactive event where teams of friends and coworkers get to support a cause, and network with a community of engineers and EWB volunteers. The Chapter welcomes teams from local companies and organizations for a friendly competition. [Registration](#) is now open.

Companies can also be an Event Sponsor for a minimum donation of \$500 with a display of the company logo at the event and on Chapter website. Please direct inquired to membership@ewbseattle.org and share the [Event Poster](#) with your friends and coworkers.

The Puget Sound Chapter of EWB invites you to help raise funds for its international projects in Nicaragua, Uganda, and Sierra Leone.

September 9, 2018
10AM - 4PM
Lower Woodland Park

Registration Cost

Individual: \$30
Team: \$300
Sponsorship: \$500
For registration email:
membership@ewbseattle.org

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WITHOUT
BORDERS**

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visit: support.ewb-usa.org/pskickball

**ASCE 2018
CONVENTION**
DENVER, COLORADO
OCTOBER 12-15

CONVENTION OPENING KEYNOTE: **DIRK AHLBORN**
CEO, HYPERLOOP TRANSPORTATION TECHNOLOGIES INC.



Upcoming ASCE Seattle Events
Never miss a Seattle Section event, link our calendar to your Outlook today!

Have you seen our new event calendar? [Click here](#) to see what exciting events we have planned!

The best way to stay up to date on Seattle Section happenings is to **add our calendar to your Outlook** or other email manager. All you have to do is [click here](#) to download a .ics file that you can open and add to your own calendar.

Current Volunteer Opportunities



Urban Development & Transportation Committee

The Seattle Section Urban Development and Transportation Committee is being relaunched and looking for members to get involved. Anyone with an interest in Urban Development or Transportation is encouraged to join.

For more information or to be added to the mailing list contact Committee Chair Jared Nakamoto (jared.nakamoto@wsp.com).

Washington State Report Card

We are gaining momentum in updating the report card. In December the ASCE Seattle Section was awarded a State Public Affairs Grant (SPAG) to help fund our report card undertaking.

Volunteers are needed for developing our report card in the following categories:

- Solid & Hazardous Waste
- Transit
- Dams



If you are interested in volunteering or have questions or comments, email Erik Ellingsen at erik.ellingsen@hartcrowser.com.

Previous work by ASCE members to develop the first report card and two recent example cards (storm water and the electrical grid) have been uploaded to [Collaborate](#) and Google Drive.

Legislative Committee

ASCE Seattle Section is searching for volunteers to assist with the Legislative Affairs Committee. The level of Involvement can vary and can include providing engineering judgement on current legislative issues to assisting with lobbying.

The new Committee Chairperson is [Savannah Linders](#) and the new State Advocacy Captain is [Dr. Conrad Felice](#). Contact Savannah Linders if you are interested in volunteering with the Legislative Committee.

The Legislative Committee functions in the political arena. The committee can become active in federal, state, county or other governmental issues that are of interest to the profession (such as university engineering budget considerations, issues that affect the practice of or employment of civil engineers, and environmental issues of significance to the profession). The committee is responsible for disseminating information from the AELC pertaining to state legislation. In recent years, the chair of the Legislative Committee has also been the AELC representative. If they are different, the Legislative Committee chair is an alternate to the AELC and shall be responsible for keeping abreast of current activities of the AELC.

Current Job Openings

- City of Ocean Shores - City Engineer - Apply Now!

[Click to View Job Descriptions & Apply!](#)

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

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

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FACEBOOK & TWITTER**



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NEWS, UPDATES - JOIN THE
CONVERSATION**

