

January 2018

January ASCE Seattle Section Dinner Meeting: Elliot Bay Seawall Project Recap

Wednesday, January 10

Jessica Murphy from the City of Seattle's Office of the Waterfront and former Project Manager of the Elliott Bay Seawall Project will recap construction challenges and reflect on her main take-aways from this complex construction project on Seattle's waterfront and preview future projects.

There is parking available on the street or in nearby parking lots (no parking available at Mirabella). There is construction happening in the area, so parking options are more limited. This [parking map](#) from SDOT may help you plan your trip

Mirabella
116 Fairview Ave N
Seattle, WA 98109

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

Early bird rates end after
Wednesday, January 5.

Registration closes Sunday,
January 7.

[Click Here to Register](#)

Happy New Year! 2018 is a great year to get involved in ASCE.

When you join ASCE, you become part of the largest professional civil engineering network in the world.

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January President's Column

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

Happy New Year on behalf of the ASCE Seattle Section. May the new year bring you all lots of health, prosperity and happiness! If your new year resolutions include getting involved with ASCE more, you are in luck as I have some tips for you.

January is ASCE's month of leadership training at the region level. The Multi-Region Leadership Conferences (MRLCs) happen every year in January and February. This year, the Western Region conference is being hosted in Las Vegas by the Nevada Section. The Younger Members have prepared great networking activities to add to the leadership training program for the Western Region Younger Member Council (WRYMC), which gathers all the younger members in the western region. The Section and Branch leadership is also meeting under the Western Section and Branch Leadership (WSBL) meetings and the student chapter leaders are meeting

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under the Western Student Chapter Leadership (WSCL) meetings. As a section, we are proud to be represented by 3 section leaders at WSBL, 6 younger members at WRYMC and 3 student members at WSCL. Catch up with the preparations for MRLC on the social media accounts maintained by the energetic WRYMC organizing committee: <https://www.wrymc2018.com/> You can also follow up on what our crew is up to during the conference by following the Seattle Section social media accounts you can follow at the links below. If you are interested in leadership opportunities that will take you to one of the future MRLCs, please do not hesitate to email me at president@seattleasce.org.

For a little geography trivia, the western region is comprised of Regions 8 and 9. ASCE Region 9 represents all the sections in California, while ASCE Region 8 is large in area comprised of 13 Sections (Alaska, Arizona, Columbia, Hawaii, Inland Empire, Montana, Nevada, Oregon, Seattle, Southern Idaho, Tacoma-Olympia, Utah, and the Western Region of the Canadian Society for Civil Engineering (CSCE) which includes the Provinces of Alberta and British Columbia, Yukon Territory, and the Northwest Territories). Region 8 leadership is comprised of seven Governors and a Director. You can learn more about the Region 8 on this website: <http://regions.asce.org/region8/>

In addition to the geographic level organization of ASCE, there are many technical institutes and society level committees on which your skills and leadership are needed. The beginning of the year marks the new enrollment period for society level committees. Having served on a few committees myself, I can tell you they provide ample opportunity to make an impact on issues you care deeply about while you also forge relationships with well-known experts in your field who are serving on these committees. If you are interested in deepening your involvement in your profession, look into the work of some of the committees. If you need help navigating them, don't hesitate to email or ask me. You can learn more about ASCE's committees at this link: http://www.asce.org/asce_committees/

I am looking forward to meeting you at section event in the new year! Stay merry and bright!

FEBRUARY 2018
NEWSLETTER
CONTENT DEADLINE:
JANUARY 20, 2018



**2018 H. Bolton Seed Medal Recipient:
Dr. Steve Kramer**



Professor Steve Kramer of the University of Washington was recently announced as the recipient of the 2018 H. Bolton Seed Medal from ASCE. The award, given for career accomplishments in geotechnical engineering, cites Kramer for “*outstanding contributions to geotechnical earthquake engineering education and research, especially with respect to applications of performance-based engineering, liquefaction, seismic slope stability, and dynamic soil behavior.*” H. Bolton Seed, widely recognized as the “father of geotechnical earthquake engineering,” was Kramer’s Ph.D. advisor at U.C. Berkeley.

Kramer joined the geotechnical group in the UW Department of Civil and Environmental Engineering in 1984. His primary research interests include soil liquefaction, site response analysis, seismic slope stability, and hazard analysis. Much of his current research work is in the area of performance-based earthquake engineering, specifically the integration of probabilistic response analyses with probabilistic seismic hazard analyses. Kramer has been the recipient of the Presidential Young Investigator Award from the National Science Foundation, the Arthur Casagrande Professional Development Award from ASCE, a Walter Huber Research Prize from ASCE, and the ASCE Norman Medal (in 2009 and 2017). He was named 2012 Academic Engineer of the Year by the Puget Sound Engineering Council, and received the 2016 M.J. Nigel Priestley Prize from the European Centre for Training and Research in Earthquake Engineering.

Kramer is the author of the book *Geotechnical Earthquake Engineering*, the first book written on that subject, and co-developer of the computer programs, *ProShake* and *WSliq*. He was a Senior Research Scientist in the International Centre for Geohazards at the Norwegian Geotechnical Institute (NGI) in 2003, and is also a member of the faculty of the European School for Advanced Studies in the Reduction of Seismic Risk (the ROSE School) at the University of Pavia in Italy. Kramer has served as a consultant to private firms and government agencies on earthquake-related projects in the U.S. and abroad.

Right: Kramer stands on a 36 million cubic meters landslide in Taiwan following the 1999 Chi Chi earthquake, for which he headed the National Science Foundation's reconnaissance team.



Volunteer on the R.H. Thomson Scholarship Committee

The R. H. Thomson Memorial Scholarship is an annual scholarship awarded by the Seattle Section each year to honor the accomplishments of R.H. Thomson. The Scholarship Committee is responsible for judging applications and selecting the \$5,000 scholarship recipient, subject to confirmation by the Seattle Section Board.

The aim of the scholarship program is to encourage students to pursue a course of study leading to a Bachelor or a Master of Science degree in Civil Engineering or one of the specialties within the Civil Engineering discipline. It also strives to honor R. H. Thomson, a civil engineer who had a profound and lasting impact on Seattle's infrastructure.

[Email Diana Hasegan](#) if you are interested in volunteering on the committee.

December Section Meeting Recap - Joint Meeting with Tacoma-Olympia ASCE Port of Seattle Capital Projects

We hope you enjoyed our December section dinner with the Tacoma-Olympia section! Mr. Ralph Graves, PE, Senior Director of Capital Development with the Port of Seattle informed us about the capital projects program at the Port, including current and future developments. The program is staggering in scale: many billions of dollars in construction. Some examples included the SeaTac Airport and the Fishermen's Terminal.



Thank you for joining us, we look forward to seeing you at our [next meeting!](#)

University Mentor Night Help Needed



Seattle Central College (SCC)
Thursday, January 25th, 2018, 6:00 to 8:00 pm
Location: 1st floor Atrium of Science & Math Building, 1701 Broadway, Seattle

If you are interested in being a mentor for a night for college students, the Puget Sound Engineering Council (PSEC) needs your help! The purpose of the mentor night activity has been to bring as many practicing engineers together with as many students as possible. We are trying

to inspire the students, most of whom are freshmen and sophomores as well as high school seniors, toward a career in engineering. The mentor night allows engineers to relay their experience in the profession and answer questions posed by students. The event will be kicked off with a brief introduction of the engineering disciplines represented by the volunteers followed by open forum where the students visit various tables and converse with the mentors. Mentors are encouraged to bring a sample of work that will fit on a 30"X30" table top for potential discussion with the students.

[If you are interested in participating, please sign up online by clicking here.](#)

Thanks for your support!

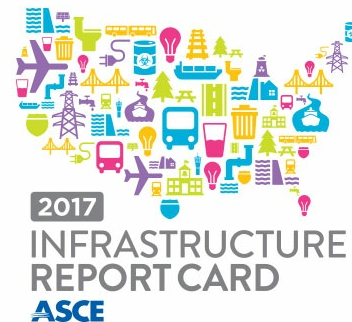
Washington State Report Card Volunteers Needed!

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!

Categories Include:

- Aviation
- Bridges
- Dams
- Drinking Water
- Rail
- Roads
- Schools
- Solid & Hazardous Waste
- Stormwater
- Transit
- Waste Water



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.



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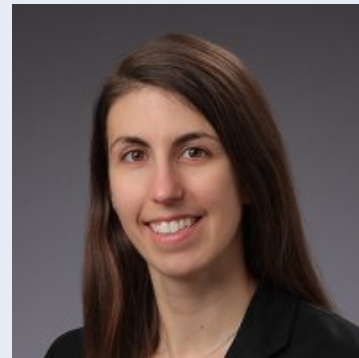
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Meet a Board Member

Shailee Sztern, PE, PMP | Treasurer

Shailee is a project manager at Seattle Public Utilities. Shailee has worked in the civil engineering and project management field since graduating from the University of Washington with a Masters in Civil Engineering and a Masters in Public Administration. Shailee has worked on a number of fun projects throughout her career, most notably the Elliott Bay Seawall Replacement Project and the Georgetown Wet Weather Treatment Station.

Shailee enjoys reading, cooking and spending time with family and community.



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- Senior Geotechnical Engineer - **Adapt**

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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.

