

December 2021

WEDNESDAY, DECEMBER 22  
5:30PM - 7:00PM



ASCE SEATTLE DECEMBER VIRTUAL MEETING:

## CASCADIA SUBDUCTION ZONE EARTHQUAKE & TSUNAMI IMPACTS

JOIN US VIRTUALLY ON ZOOM!

**Topic:** Cascadia Subduction Zone Earthquake & Tsunami Impacts

Maximilian Dixon, Taylor Hennessee, and Michael Roberson from the **Washington State Emergency Division** will be providing the latest updates on the potential impacts from a 9.0 Cascadia Subduction Zone earthquake and tsunami. This includes current and ongoing lifeline infrastructure system impact assessments.

[Register Here](#)

**Date:** Wednesday, December 22  
**Time:** 5:30pm - 7:00pm

*After registering, you will receive a confirmation email containing information about joining the meeting via Zoom.*



### December President's Column

By Don Nguyen, PE, SE, ENV SP, STP  
ASCE Seattle Section President

Hello Seattle Section!

It's exciting to see that the \$1.2 trillion Infrastructure Bill was signed last month! Washington is to receive \$8.59 billion total funding. This will help fund our state for broadband internet access for low-income families, light rail expansion, bridge repair, water supply line upgrades, electrifying buses and ferries, expanding the electric vehicle charging network, and much more. Besides the obvious direct connections to our industry, the inclusion of providing broadband internet access to those that need it will help lead to a more diverse workforce in the future.

If you want to help strengthen our industry's diversity now, consider joining our mentorship program led by our Younger Member Forum! Last month's Section meeting was a joint meeting with the YMF to discuss the impacts of Mentoring. We invited a past YMF president, Bethy M.

[Section Officers  
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Openings

Post a Job  
Opportunity

Younger Members  
Forum

Clark to talk about her experiences with mentoring, including developing a mentor program at HDR, being a mentor, and being a mentee. She also brought in her own mentor, peer-mentor, and colleagues to share their experiences. If you missed it, you can visit our new [Youtube page](#).

You can also consider signing up to be on the K-12 Volunteer email list. This winter, ASCE will be helping out the Washington Alliance for Better Schools (WABS) after school STEM program. The students will learn about disaster relief aid drop package delivery systems. This event registration is complete. Fill out the K-12 volunteer email list form or contact [k12asce.seattle@gmail.com](mailto:k12asce.seattle@gmail.com) to get involved in future events.

Until next time,

Don

JANUARY 2022  
NEWSLETTER  
CONTENT DEADLINE:  
December 20, 2021

Are you considering becoming an ASCE Member?  
Each month we'll be highlighting a unique benefit of membership.

### Achieve Professional Distinction through ASCE's New Certificate Programs

Comprised of multiple Guided Online Courses, ASCE's certificate programs go broader and deeper into specific technical areas. Developed and delivered by leading industry professionals and educational experts, these multi-dimensional programs focus on practical knowledge that will enable you to excel in your career. <https://www.asce.org/career-growth/professional-certifications>

### Join ASCE Today!

To learn about all the great Member Benefits, check out this guide!



NOMINATIONS NOW OPEN!

2022 ASCE SEATTLE  
**LOCEA**  
AWARDS

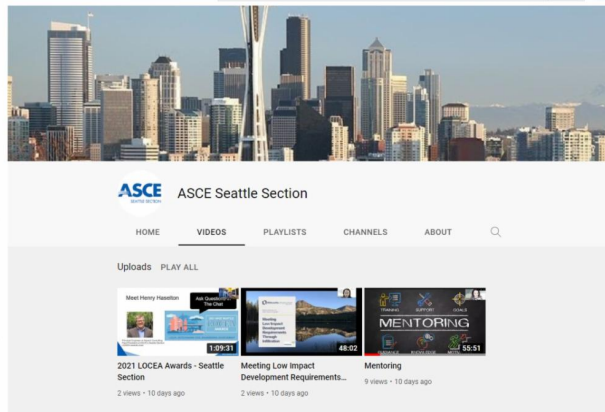
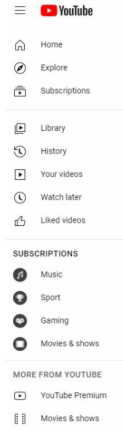
DUE 2.14.2022

LOCAL OUTSTANDING CIVIL ENGINEERING ACHIEVEMENT

## Section Meeting Recordings Now on YouTube!


ASCE Seattle is now on YouTube!

Find recordings of our past Section Meetings and subscribe to our



channel to catch future videos here:

[ASCE Seattle Section - YouTube](#)



**ASCE SEATTLE SCHOLARSHIPS  
NOW OPEN!**

**R.H. THOMSON SCHOLARSHIP**

**DUE APRIL 25, 2022 (\$5,000!)**

**RICHARD WILLIAMSON JONES  
MEMORIAL SCHOLARSHIP**

**DUE JUNE 25, 2022 (\$2,000!)**

## Congratulations to Dr. Brett W. Maurer, PhD, A.M.ASCE!



Join us in congratulating Seattle Section member, Dr. Brett W. Maurer, Ph.D., A.M.ASCE, who has been selected by ASCE's s Geo-Institute to receive the 2022 **Arthur Casagrande Professional Development Award** for *"his many accomplishments in teaching and research in geotechnical earthquake engineering, particularly the assessment of soil liquefaction hazards."*

This award was established by the Geotechnical Engineering Division (now the Geo-Institute) of ASCE as a memorial to the outstanding contributions of Arthur Casagrande, Hon.M.ASCE, to the teaching, research, and practice of geotechnical engineering. The award is funded by gifts from the many students, colleagues, and friends of Arthur Casagrande. The award was established to provide professional development opportunities for outstanding young practitioners, researchers, and teachers of geotechnical engineering. It is administered by the [Geo-Institute](#) through the Honors and Awards Program.

## Sign Up for the Seattle YMF Mentorship Program

Looking to build more connections within ASCE? Sign up for this year's Mentorship Program and get engaged with fellow members to discuss experiences, share lessons learned, and build close relationships during these socially distant times! We are always looking for more mentors and mentees to participate, so please feel free to share far and wide with your peers and networks.



(\*Note: Mentors are typically people >35 years old who have greater experience working in the civil engineering field. Mentees are typically members of the YMF (or students) who are just beginning their career in civil engineering. If you're YMF and interested in mentoring student, please note in sign up form)

Contact [mentor@seattleasce.org](mailto:mentor@seattleasce.org) with any questions!

Mentor Application

Mentee Application

## Call for Judges: 2022 PNW ASCE Student Symposium

The 2022 Pacific Northwest ASCE Student Symposium will be hosted at the University of British Columbia in Vancouver, BC from Wednesday, April 27 to Friday, April 29, 2022. The organizing team is searching for judges to volunteer for the following competitions:

- [ASCE Concrete Canoe Competition](#)
- [ASCE AISC Student Steel Bridge Competition](#)
- [ASCE Sustainable Solutions Competition](#)
- [ASCE UESI Surveying Competition](#)
- [Environmental \(Water Treatment\) Competition](#)
- [Daniel W. Mead Prize for Students](#)



If you are interested in volunteering or know someone who would suit the role, please visit <https://studentsymposium.asce.org/pacific-northwest/judges/> and complete the judge interest form.

## Join the Sustainability Committee



The ASCE Seattle Section Sustainability Committee brings together a community of civil engineers interested in sustainability to **network**, participate in K-12 **outreach**, share **technical** content, and **advocate** for sustainable project criteria and certifications. We are looking to grow our community and would love for you to join us! More information can be found at: <https://sites.google.com/site/asceseattlesustainability/home>.

Please email [sustainability@seattleasce.org](mailto:sustainability@seattleasce.org) if you have any questions or would like to attend the 2021 Kick-Off Meeting!

## K-12 Volunteer Interest Form

**Are you interested in volunteering for K-12 STEM events and interested in inspiring the next generation of engineers?**

If you answered **YES**, please fill out the google form to the right if you would like to be updated about future K-12 volunteer events in the Seattle Area. After you fill out this form, you will be notified of K-12 volunteer opportunities in the area. Please know that you are not required to sign up for any event by filling out this form.



Google Form

Please contact Nicki Peden (K-12 Outreach Chair) at [k12asce.seattle@gmail.com](mailto:k12asce.seattle@gmail.com) for any questions, comments or additional information

## Branch & Committee Volunteer Needs

### Legislative Committee

If you are interested in joining the [Legislative Affairs Committee](#) (click for more information), please reach out to [legislative@seattleasce.org](mailto:legislative@seattleasce.org). The level of involvement can vary, and the tasks can include providing engineering input on current legislative issues to assisting with lobbying. This year we will re-



start our monthly committee meetings, prepare and ready our committee for more proactive roles in AELC and next year's legislative session, and develop a longer-term plan for the committee to lead, engage and support our members in the political process and government relations -- all of which are critical to our profession, safety of the public, and prosperity of Washington economy.

## ASCE Seattle Job Board

### Current Job Openings:



#### **Engineering Technician - Senior | City of Redmond**

*Posted: 11/29/2021*

Apply by December 7!

The Planning Department is responding to the growing needs of the City, consider joining our team as a Senior Engineering Technician. The talent you bring will help us:

Provides development engineering related as-built, map-based and other technical information and responds to inquiries from staff, citizens, private developers, contractors, engineers and other agencies.

Reviews and interprets engineering documents, construction drawings, legal descriptions, easement/deed of dedication documents, final plat, boundary line adjustment, binding site plan, and other engineering and land title related documents. Manages performance bonds, administrative documents for construction acceptance and warranty, public utilities connections applications, and all civil related permits.

And more!

[Read more here.](#)



#### **Senior Stormwater Engineer | City of Redmond**

*Posted: 11/23/2021*

The Planning Department is responding to the growing needs of the City, consider joining our team as a Senior Stormwater Engineer. The talent you bring will help us:

Review developer applications and project plans for compliance with critical areas, grading and Stormwater regulations including LID design and implementation, applicable standards, policies, codes and regulations compliance.

Review, approve, process, and manage projects for permit approval.

Schedule and lead the Civil Coordinated Review process from start to finish.

Participate in public hearings and meetings.

Attend preconstruction conferences and represent the division in internal design and construction meetings.

Respond to internal and external customer questions regarding Stormwater, Critical Areas and LID issues.

[Read more here.](#)



#### **Coastal Engineer - Coastal Design & Project Management Focus | Coastal Geologic Services**

*Posted: 11/23/2021*

Coastal Geologic Services is accepting resumes from qualified professionals for a mid-to senior level Coastal Engineer position in our North Puget Sound (Bellingham, WA) office. CGS provides coastal engineering and geological analysis and design services in the Puget Sound region and beyond. We focus on coastal restoration and enhancement, erosion control using traditional methods and engineering with nature approaches, and sea level rise resilience. CGS offers a wide range of consulting services to support clients in the government, tribal, nonprofit, commercial, and private sectors.

[Read more here.](#)



#### **Drafting Technician | Natural Systems Design, Inc.**

*Posted: 11/3/2021*

NSD is seeking a Drafting Technician with 3-5 years of experience in computer-aided drafting and civil engineering support to join our team of professionals. This position may be based in either our Seattle, Bellingham, or Port Angeles, Washington office. Remote work up to 2 days per week is possible, but face-to-face collaboration in the office is essential to our team process, so the position will typically require office presence at least 3 days per week.

[Read more here.](#)



#### **Hydraulic Engineer | Natural Systems Design, Inc.**

*Posted: 11/3/2021*

We are seeking a Restoration Engineer with 4-6 years' experience to be based in any of our Seattle, Bellingham, or Port Angeles, WA offices. The successful candidate will have strong proficiency in engineering analysis and design focused on rivers, streams, or wetlands.

The work for this position is primarily in Washington and Oregon, but some projects may require travel to Idaho, Montana, Hawaii, Alaska, and California. (Note that remote work is encouraged during the COVID-19 pandemic, but offices remain open for those who wish to utilize them and we anticipate that all staff will return to



### Geomorphologist/Water Resources Engineer | WEST Consultants

Posted: 11/8/2021

WEST Consultants, Inc., a premier firm in water resources engineering, is seeking energetic and ambitious applicants qualified to apply for a mid- to senior-level fluvial geomorphologist position in our Bellevue, WA location.

Minimum of five years working experience in fluvial geomorphology.

Experience with river hydraulics, channel stability analyses, stream restoration, fish passage and culvert replacement projects, and floodplain restoration.

[Read more here.](#)

in-person work at least three days per week at some point).

[Read more here.](#)



### Water Resources Engineering Vice President | WEST Consultants

Posted: 11/8/2021

WEST Consultants, Inc., a premier firm in water resources engineering, has a need for an energetic and ambitious senior level engineer candidate interested in a Water Resources Engineering Vice President position in our Bellevue, Washington location. This position will be responsible for leading the operations of a busy office with about 15-20 staff; providing project management and technical expertise; actively participating in marketing, client relations, and firm visibility development efforts; and providing general staff leadership and office administration.

The candidate should have 10 years of diverse technical project experience, demonstrating an increased level of professional development and responsibility. Experience working with both public and private sector clients is desirable.

[Read more here.](#)

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

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](mailto:emailcommunications@seattleasce.org) to learn more.

STAY CONNECTED WITH  
ASCE SEATTLE ON

# LinkedIn™

CLICK HERE TO REQUEST TO  
JOIN OUR GROUP!

**DID YOU  
KNOW?**

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](mailto:president@seattleasce.org) if you plan on joining us!



