

February 2022



February President's Column

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

Hello Seattle Section!

With February comes National Engineers Week, February 20th to 26th. This is a time to celebrate our community. You can do this by virtually [visiting schools](#) to talk to students, giving kudos to your colleagues that support you by nominating them for [an OPAL award](#), or sharing your projects by applying for a [Local Outstanding Civil Engineering Award](#).

If you have little ones at home, you can watch the ASCE [Dream Big](#) documentary, participate in museum programs like [PacSci's Curiosity at Home](#), or spend some quality time with building blocks.

Whatever you end up doing, I hope that you spend a moment thinking of the good you do for the community that we share.

Stay safe out there (inside)!

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

Network at Conferences and Other Events

From conferences on new practices to ASCE's acclaimed global convention, you'll connect with the most dynamic people and organizations in your field.

[Search Upcoming ASCE Conferences & Events](#)

[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

New ASCE Seattle LinkedIn Page



ENTER TO WIN!
\$25 GIFT CARD TO THE PLACE OF YOUR CHOICE!

1 FOLLOW
ASCE SEATTLE ON LINKEDIN

2 LIKE & COMMENT
ON A POST ON OUR LINKEDIN PAGE

3 SHARE
OUR PAGE OR A POST FROM OUR LINKEDIN PAGE

**YOU HAVE UNTIL FEBRUARY 28, 2022 TO ENTER
UP TO THREE ENTRIES PER PERSON**

WWW.LINKEDIN.COM/COMPANY/ASCE-SEATTLE

Last month to enter our social media giveaway!

Follow our new LinkedIn page to keep up with all the events we have planned for 2022, as well as important Seattle Section and industry news. **Anyone who follows us on LinkedIn by the end of February will be entered in a raffle to win a \$25 gift card!** Help us grow our new community!

All you have to do is follow our page to be entered and stay connected:

<https://www.linkedin.com/company/asce-seattle>

Looking for ways to increase your chances of winning? Gain an additional entry in the raffle by liking and commenting on a post. Gain a third entry by sharing our page or a post from our page (maximum of 3 entries per person). Winner will be contacted and announced in the March newsletter and on social media.

Are you passionate about social media? Interested in helping the Seattle Section grow our virtual presence? Reach out to our Communications Chair at communications@seattleasce.org, we're looking for creative minds to help grow and improve our social media!



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!)

Upcoming Committee Meetings

History & Heritage Committee

The ASCE Seattle **History and Heritage Committee's** next meeting will be held on **Saturday, March 5, at 8:30am**. History & Heritage Committee meetings are held via Zoom. If you are interested in joining ASCE Seattle's History and Heritage Committee or attending their monthly virtual meetings, reach out to [Cindy Hirsch](#).

EWRI Committee

Our EWRI February online lunch presentation is on **Thursday, Feb. 17th at 12 noon**. We are very excited to have **Dr. Virginia Smith** at **Villanova University**, presenting about **Coupling Infiltration and Morphology Models to Understand the Dynamics of Green Stormwater Infrastructure**.

Contact seattleascewre@gmail.com if you are interested in being added to the Seattle Section EWRI mailing list to make sure you receive EWRI meeting notices and the link to join the virtual meeting!

Small Private Development Committee

The **ASCE Seattle Small Private Development Committee's** next meeting will be held virtually on **Wednesday, February 16, at 5:00pm**. Donna Breske and Lisa Harbert will present a couple of small projects for discussion. We will talk about how the code can make for no drainage requirements or make the lots unbuildable.

The Objective of this Committee shall be to meet the needs of engineers who work on smaller projects and/or private development projects by developing relationships and fostering communications within the engineering community and improving the skills through the development of knowledge and transfer of technology throughout the community.

[Click here for Zoom link to join.](#)

ASCE DIVERSITY FIRESIDE CHAT

FEB 17 @6PM

Sign up with link or QR code
below

<https://forms.gle/am3bE8SHEqGFtufe6>

How does bias impact your projects and interactions with coworkers, clients, and the public? Join the ASCE Diversity Committee for an open discussion around bias in engineering and how you can bring awareness to your bias.



Membership Discount for WSDOT Employees

Attention WSDOT employees! A new ASCE membership discount is now available to you! WSDOT employees can now receive a **25% discount on membership renewals and new memberships using promo code DOT-WSDOT**. Enjoy all the benefits of membership, including 10 free professional development hours (PDHs) and more!



**Washington State
Department of Transportation**

Not currently a member? Go to <https://www.asce.org/join/> and Click "Join Now." Use your WSDOT email address (alternate emails can be added later) and use the promo code to receive 25% off!

If you need any assistance in joining, please contact ASCE at (800) 548-2723 or gov_engineer@asce.org.

2022-2023 ASCE Seattle Board Nominations

Have you been thinking about getting more involved in ASCE? Please consider joining the Seattle Section Board for the 2022-2023 year. We are a fun and energetic group that seeks to bring value to the ASCE Seattle Section membership. The Seattle Section is seeking nominations for 2022-2023 Board positions. Email past president [Homero Flores](#) or current president [Don Nguyen](#) if you are interested in any of the following positions:

1. President Elect
2. Treasurer
3. Director of Technical Committees
4. Secretary

Nominations are due by March 21, 2022

WAsafe Building Safety Evaluation Training

Offered as part of Washington State Building Officials' Annual Education Institute

Virtual Training 8:30 - 4:30 on 3/21 in person

Available to members and non-members of WABO alike

Register here: <https://www.wabo.org/2022-aei-summary-page>

\$175 for the 3/21 WAsafe Training

Washington Safety Assessment of Facilities Evaluators Program (WAsafe): Building Safety Evaluations R US

INSTRUCTORS: Erik Bishop, PE - Reid Middleton

Tim Blevins - Seattle Department of Construction & Inspections (SDCI)

Benjamin Enfield - Seattle Department of Construction & Inspections (SDCI)

LEVEL: Beginning / Intermediate

REQUIRED/RECOMMENDED MATERIALS: ATC-20 Field Manual (minimum); ATC-45 Field Manual (optional) * Available through Applied Technology Council (<https://store.atcouncil.org/>) or the [WABO Bookstore](#) *

We're all familiar with natural disasters, but mostly from a distance. The Pacific Northwest has seen wildfires in recent years, but has not otherwise experienced a widespread damaging event for many years. WAsafe was formed to organize and train a cadre of construction industry professionals to provide assistance to local jurisdictions when they are called upon to determine whether buildings are safe enough to occupy.

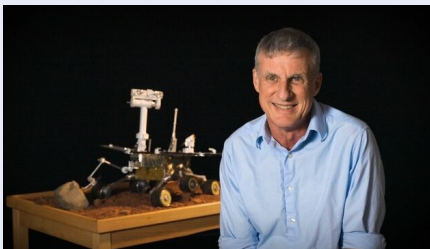
This full-day course will cover the basics of building safety evaluations for a variety of hazards, based on building safety evaluation programs for earthquakes, windstorms and floods (ATC 20 & ATC 45), using examples from real events. The class will also cover response to landslides, fires, and other hazards. Students will also be introduced to the statewide process for volunteer emergency worker enrollment and dispatching being coordinated through WAsafe. Taking this course is one of the requirements for those who wish to enroll in the WAsafe program, or for those whose enrollments are expiring and want to renew.

This class is appropriate for any building department staff and design professionals, as well as newcomers to emergency response and those who just need a 5-year refresher. How prepared are you to respond to an emergency event in your community? This class will help you develop the knowledge and skills to prepare for and respond to a damaging event.

Target Audience:

- | | | | | | |
|--|--|---|--|--|--|
| <input checked="" type="checkbox"/> Building Officials | <input checked="" type="checkbox"/> Inspectors | <input checked="" type="checkbox"/> Plans Examiners | <input checked="" type="checkbox"/> Permit Technicians | <input checked="" type="checkbox"/> Architects | <input type="checkbox"/> Fire Marshals |
| <input checked="" type="checkbox"/> Designers | <input checked="" type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |

Award-Winning Members!



Congratulations **Dr. Steven Squyres** on being selected by ASCE's Aerospace Division to receive the 2022 Columbia Medal for "advancing of In Situ Resource Utilization through discovery of water on Mars with Mars Exploration Rovers."

This award recognizes sustained outstanding contribution to the advancement of aerospace engineering, sciences and technology.



Congratulations to **Dr. Dung Nguyen** for being selected by ASCE's Environmental and Water Resources Institute to receive the 2022 Samuel Arnold Greeley Award for co-author of the paper "*Desorption of Poly- and Perfluoroalkyl Substances from Soil Historically Impacted with Aqueous Film-Forming Foam*," in the February 2021 issue of *Journal of Environmental Engineering*.

The Samuel Arnold Greeley Award recognizes author(s) of the paper that makes the most valuable contribution to the environmental engineering profession.

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.

K-12 Volunteer Interest Form

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

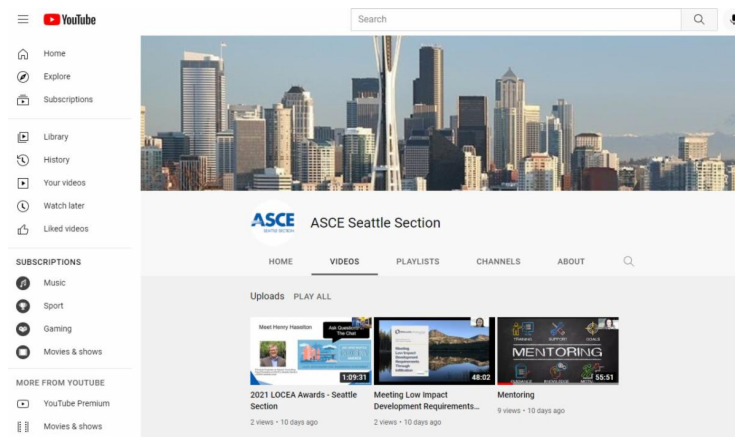
If you answered **YES**, please fill out the google form to the right if you would like to be updated about future K-12 volunteer events in the Seattle Area. After you fill out this form, you will be notified of K-12 volunteer opportunities in the area. Please know that you are not required to sign up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

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



[Google Form](#)

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 Job Board

Current Job Openings:





Lead Construction Engineering Inspector | City of Redmond

Posted: 1/27/2022

As a Lead Construction Engineering Inspector, you will work under the supervision of the Public Works Construction Division's Engineering Supervisor. Your primary responsibilities include inspection of a wide variety of capital construction projects as well as overseeing Construction Engineering Inspectors, interns and contract inspectors. The Lead is responsible for organizing and prioritizing work, as well as providing technical assistance and insight when challenging issues arise.

[Read more here.](#)



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.](#)



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.](#)

Construction Engineering Inspector | City of Redmond

Posted: 1/27/2022

The perfect candidate is anyone with any training or knowledge of engineering and design, construction methods and materials, project management, or construction cost-estimating. This is a great entry-level job for engineers or engineers-in-training who want to see first-hand how projects are really built and use this experience to broaden and enhance their design skills.

[Read more here.](#)



CAD Drafter / Civil Engineering Technician | Reichhardt & Ebe Engineering, Inc.

Posted: 1/26/2022

POSITION RESPONSIBILITIES

- Create detailed dimensional drawings, design layouts, base maps, 3d models and details for civil engineering projects using AutoCAD Civil 3D software.
- Calculate dimensions, and material quantities.
- Collect, analyze and reduce filed information, review design documents, read and use topographic maps, graphs, and diagrams to provide data for engineering designs.
- Develop and review project cost estimates.
- Prepare technical reports and document project activities.
- Assist with the inspection of project construction and evaluate conformance with design drawings and specifications.
- Plan and conduct field surveys to review and analyze details of project sites.

[Read more here.](#)



Senior Facility Management Engineer (Environmental Engineer 5) | Washington State Department of Ecology

Posted: 1/26/2022

We are looking for applicants with an enthusiasm for applying their excellent technical skills for the benefit of water quality in Washington. You will need to be self-directed, detail oriented, and able to manage long-term, complex assignments. This work involves collaborating with diverse technical teams on complex wastewater projects and will benefit from someone who is comfortable communicating technical details with colleagues, the regulated community, and the public.

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

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 if you plan on joining us!

