

April 2024



TUESDAY, APRIL 23 | 5:30-8:00PM

IVAR'S AT PIER 54

KALAKALA ROOM AT ACRES OF CLAMS

**SEAW SEATTLE CHAPTER'S APRIL
DINNER MEETING ANNUAL JOINT
MEETING WITH ASCE SEATTLE**

**SEAW Seattle Chapter's April
Dinner Meeting - Annual Joint
Meeting with ASCE Seattle**

*The Ship Canal Water Quality Project:
Successes, Challenges, and Lessons
Learned*

Date: Tuesday, April 23

Time: 5:30 - 8:00 pm

Location: Ivar's at Pier 54,
Kalakala Room at Acres of Clams
1001 Alaskan Way
Seattle, WA 98104

Register Here

Seattle Public Utilities (SPU) and King County are working together to build an underground storage tunnel to improve water quality in three important water bodies in Seattle. During large storm events, the 2.7-mile-long storage tunnel will capture and temporarily hold polluted stormwater and sewage from Ballard, Fremont, Wallingford, and Queen Anne until the contents can be sent to King County's West Point Wastewater Treatment Plant in Magnolia. When operational in 2027, the project will limit overflows and will keep an average of more than 75 million gallons of raw sewage and polluted stormwater out of the Lake Washington Ship Canal, Salmon Bay, and Lake Union. The tunnel was excavated with a large tunnel boring machine, Mudhoney, and construction included over 15,000 precast concrete tunnel segments, five deep, large diameter drop shafts, numerous underground structures, and a 12-million gallon per day pump station.

Join us for an overview of this 13-year long megaproject and a discussion of the successes, challenges, and lessons learned to date from the Ship Canal Water Quality Project!



April President's Column

By Katie Sultani-Wright

ASCE Seattle Section President

Happy April, Seattle Section! Here are two excellent opportunities to spend your time connecting with colleagues and improving our community.

Register Now for Our Next Event!

Spring is the time of new growth, vivid colors, and warmth. Now is the time to attend one of our events. Meet colleagues, learn something interesting, and have a great time.

Our next event is a joint meeting with SEAW on **April 23rd** at Ivar's on Pier 54 in Downtown Seattle. Check your email for the invitation, or register [here](#). Enjoy a great meal at a beautiful venue and listen to a talk about the Ship Canal Water Quality Project.

Rebuilding Together

ASCE Seattle Section is looking for about 10 volunteers to join a team for [Rebuilding Together Seattle's](#) Spring Rebuilding

Day. Spring Rebuilding Day is on **April 27th**.

From Rebuilding Together Seattle's website:
"For over 30 years, our organization has brought people together on the last Saturday of April to repair the homes of our neighbors in need, through a program event that has gone by a few names over the years, but has come to be known as National Rebuilding Day and Month."

Make a difference for someone who is in need of home repairs that they cannot afford. Check your email for the invitation, or sign up [here](#).

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**MAY 2024 NEWSLETTER
CONTENT DEADLINE:
April 20, 2024**

Rebuilding Together 2024



Date: Saturday, April 27

Time: 8:00 am - 4:00 pm

Location: West Seattle - Address will be emailed

[Register Here](#)

There are over 37,000 low-income homeowners in the Seattle area that are in need of home repairs they cannot afford. On April 27, 2024, ASCE member volunteers will take part in Rebuilding Together Seattle's Spring Rebuilding Day. On this day, nearly 750 volunteers will work together on 25-30 houses and nonprofit facilities. You can be one of them!

ASCE Seattle YMF Kickball Team



Kickball Team Registration Fee Drop!!

Spring is finally here, and as we eagerly anticipate the warm weather, what better way to embrace it than by joining us for some casual kickball after work? We are thrilled to announce that Seattle ASCE YMF is once again partnering with Seattle Underdogs to form a team.



Where: Cascade Playfield

Address: 333 Pontius Avenue N. Seattle, WA

Starting April 15th, we will gather at Cascade Playfield once a week, either on Mondays or Wednesdays. The season will comprise of 6 regular games per week, followed by playoff games for qualifying teams.

Game Dates: See RSVP Link

Game Times: 6:15 PM or 7:15 PM

Cost: **\$50, PRICE DROP**

If you have any questions or require additional information, please don't hesitate to reach out at [ymf@seattleace.org](mailto:y mf@seattleace.org). We can't wait to see you out in the field to enjoy the sun and have a great time!

EWRI Seattle Section Webinar

Temperature Regulations in Reservoirs

Sophisticated computer models are available to simulate circulation, temperature, and water quality in reservoirs and rivers. Models require significant amounts of data to run and to ensure that they match reality, but development of a model leads to a deep understanding of the limnological processes that influence water quality in bodies of water. Furthermore, a calibrated model is a powerful tool for the evaluation of future management scenarios. This talk will help project managers and clients understand the considerations and support activities that can lead to a successful and useful modeling effort.

Date: Thursday, April 18

Time: 12:00 - 1:00 pm

Location: Suite #1100
520 Pike St
Seattle, WA 98101

[Join Meeting Here](#)

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.

Small Project Development Committee

The Small Project Development Committee will have its next meeting on April 17th from noon to 1:30. We discuss the challenges of single family, short plats and smaller commercial projects. Email me if you would like to join or get on our email list. We send out topics usually the first week of every month.

LisaHarbert@outlook.com

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 our K-12 Outreach Chair for any questions, comments or additional information.



[Google Form](#)

ASCE Seattle Job Board

[Click here to view open positions](#)

WA State Dept of Ecology

Public Works Contracting Engineer (Environmental Engineer 5) (In-Training)

Posted 3/12/2024

The Toxics Cleanup Program (TCP) within the Department of Ecology is looking to fill a Public Works Contracting Engineer (Environmental Engineer 5) (In-Training) position. As a Public Works Contracting Engineer in the Financial Services Unit, you'll be a vital part of the team managing Ecology cleanups. In this role you will be relied upon for engineering expertise and the management of public works and architectural and engineering services contracts for Western Washington projects.

King County DNRP Water and Land Resources Division Senior Engineer (Engineer III)

Posted 3/12/2024

[Apply here.](#)

Are you ready to dive into the exciting world of floodplain management and make a splash in your career? Look no further than the River and Floodplain Capital Team within King County, Washington's Water and Land Resources Division. We have an opportunity for three standout candidates to join our dynamic team that is dedicated to innovation and growth.

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)



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

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