

SEPTEMBER 2025

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Environmental Characterization and Engineering Geology of Kellogg Creek Restoration and Community Enhancement Project

[RSVP here.](#)

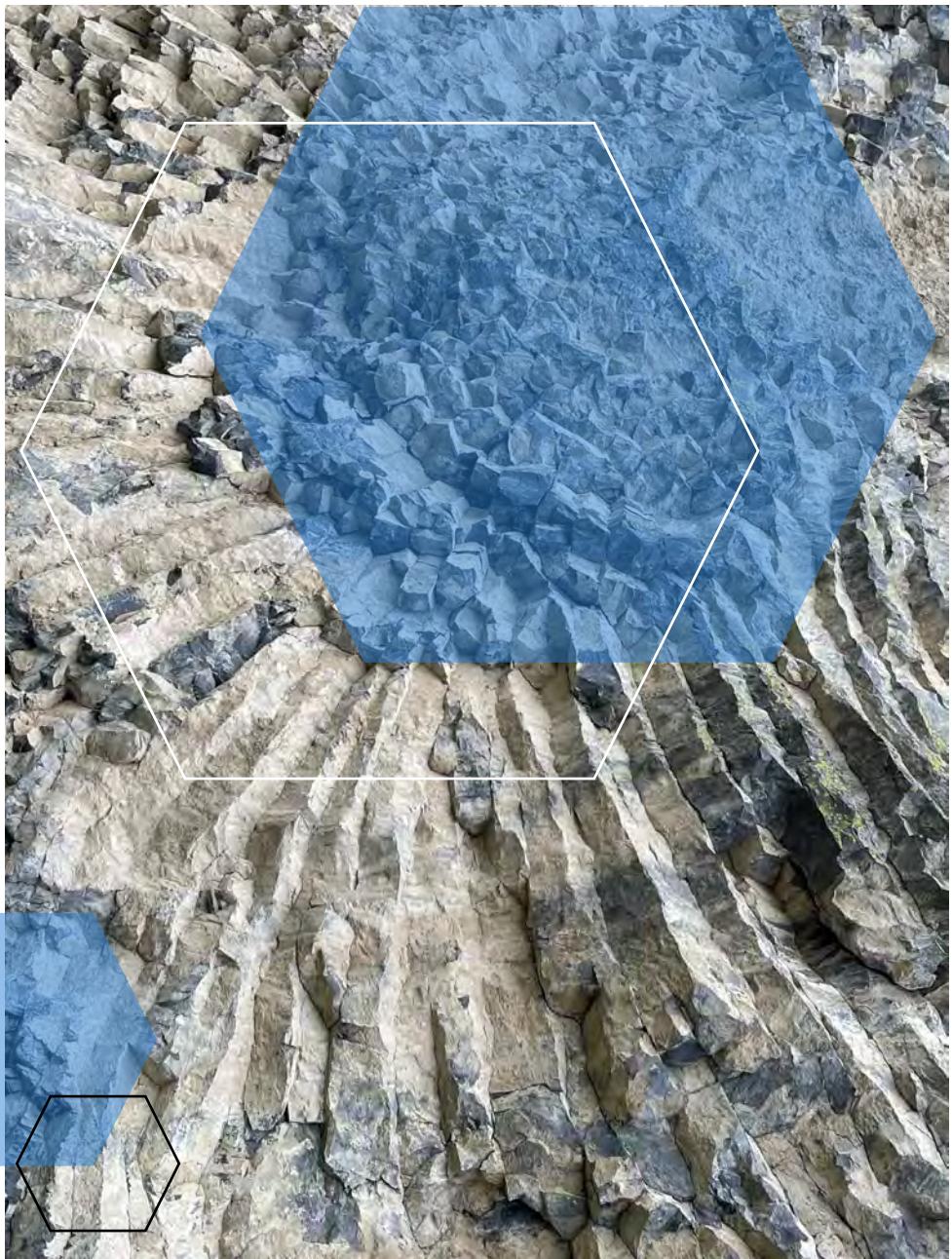
Meet the Presenter

Greg Martin

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AEG Oregon Bulletin

Local industry goings-on.



UPCOMING MEETINGS

SEPTEMBER 9, 2025

Greg Martin, Environmental Characterization of Kellogg Creek

OCTOBER 20, 2025

TBD

NOVEMBER 17, 2025

TBD

DECEMBER 16, 2025

TBD

JANUARY 20, 2026

ASCE/AEG Joint Meeting

FEBRUARY 17, 2026

TBD

MARCH 17, 2026

TBD

APRIL 21, 2026

TBD

MAY 19, 2026

Student Night

SEPTEMBER MEETING

ENVIRONMENTAL CHARACTERIZATION AND ENGINEERING GEOLOGY OF THE KELLOGG CREEK RESTORATION AND COMMUNITY ENHANCEMENT PROJECT, MILWAUKIE, OREGON

Kellogg Dam, constructed in the 1850s and obsolete by the 1890s, underlies a 1930s-era bridge on Highway 99E in Milwaukie, Oregon. It blocks upstream fish passage to over 17 miles of habitat and forms an approximately 14-acre reservoir impoundment, largely filled with accumulated sediment. The North Clackamas Watersheds Council, American Rivers, the Oregon Department of Transportation (ODOT), and the City of Milwaukie are primary project partners in the Kellogg Creek Restoration & Community Enhancement Project (KCRCEP). The KCRCEP will remove Kellogg Dam and upgrade critical infrastructure by constructing a channel-spanning highway bridge; increase accessibility and public safety with a new multi-use pathway; re-establish fish passage to the upstream watershed and connectivity at the lower Kellogg Creek-Willamette River confluence; and restore ecological functionality to several acres of currently submerged or buried riparian habitat. The geologic setting of the site and vicinity includes Waverly Heights and Columbia River basalts, Missoula flood deposits, alluvium, dam-impounded sediment, and extensive areas of artificial fill.

In summer 2024, GRI worked with the KCRCEP project partners to implement an ambitious on-water exploration program upstream of Kellogg Dam and downstream of SE Oatfield Road. Environmental characterization including sediment sampling and analysis was completed under multi-agency Portland Sediment Evaluation Team (PSET) oversight. GRI's geotechnical exploration program was designed with input from ODOT, project restoration design engineers, and biologists. On-water work included 31 machine-drilled borings, 8 cone penetration test (CPT) probes, 21 sediment sampling locations, and 16 limited-access explorations. A combination of barge-mounted, amphibious/difficult access drilling equipment and hand exploration tools were used. Data acquired during this field campaign informed the project environmental sediment management approach, including excavated soil handling and disposal options of contaminated sediments; provided geotechnical data informing design details for bridge replacement, dam removal, and post-restoration channel and floodplain features; and supplied essential engineering information for slope stability evaluations. Updated infrastructure, removal of contaminated in-stream sediment, construction of stable channel and floodplain elements within the former lake impoundment area, and extensive re-vegetation with native flora are key project features. A modern and resilient highway bridge, enhanced ecological function of Kellogg Creek and the surrounding watershed, and increased accessibility are all clear project benefits.



MEETING DETAILS

Date:

Tuesday, September 9, 2025

Agenda:

5:30 p.m. – 6:00 p.m., Social
6:00 p.m. – 7:00 p.m., Dinner
7:00 p.m., Presentation

Location:

Old Market Pub
6959 SW Multnomah Boulevard

RSVP:

Ticket prices vary. Use cash or check to pay at the door. If you want to pay with card, [RSVP here.](#)



MEET THE PRESENTER

GREG MARTIN

Greg Martin is a Senior Geologist with GRI in Tigard, Oregon, and a resident of the Kellogg Creek watershed. His professional work includes oversight and support of environmental and engineering geology and geotechnical projects in Oregon, Washington, and California. He earned a Bachelor of Science in Environmental Geology from UC Santa Cruz in 2004 and a Master of Science in Geology (research: Active tectonics, Tectonic geomorphology, Paleoseismology) at Portland State University in 2020. He is professionally licensed as a geologist in Oregon (CEG, RG), Washington (LEG, LG), and California (PG). The KCRCEP is important to him because it highlights the importance of land stewardship, it is technically challenging and rewarding, and it is a project that, upon completion, will provide a huge benefit to the people of Oregon and our shared environment. Greg's goal is that his now eight-year-old daughter will one day count salmon in the creek where she now counts shopping carts.



LETTER FROM THE CHAIR

KICKING OFF THE 2025–2026 SEASON

AEG Oregon,

It is my pleasure to kick off the 2025–2026 season at AEG Oregon.

First off, I extend my thanks to Nikos Tzetas for serving as chair this past year. I very much appreciate his willingness to jump in and help out AEG Oregon, regardless of the task. I am glad we get to keep him for at least one more year as he transitions into the Past Chair role.

Next, the results of the board election are as follows:

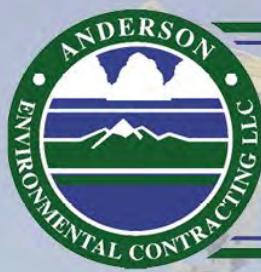
- Secretary—Darlene Verduzco
- Treasurer—Cathleen McMahon
- Chair-Elect—Justin McCarley
- Chair—Nicholas Farny

I probably sound like a broken record, but I want to thank all of our volunteers. I also want to thank our two applicants to the Secretary position, Darlene Verduzco and Rachel Sweeten. It was a very close election, with four votes deciding the result. It is an honor to be part of such an active and passionate community of professionals.

Finally, our first talk of the season will be Greg Martin from GRI, which is coming up soon on September 9, 2025. I look forward to seeing you all at Old Market Pub.

Nicholas Farny

AEG Oregon Chapter Chair



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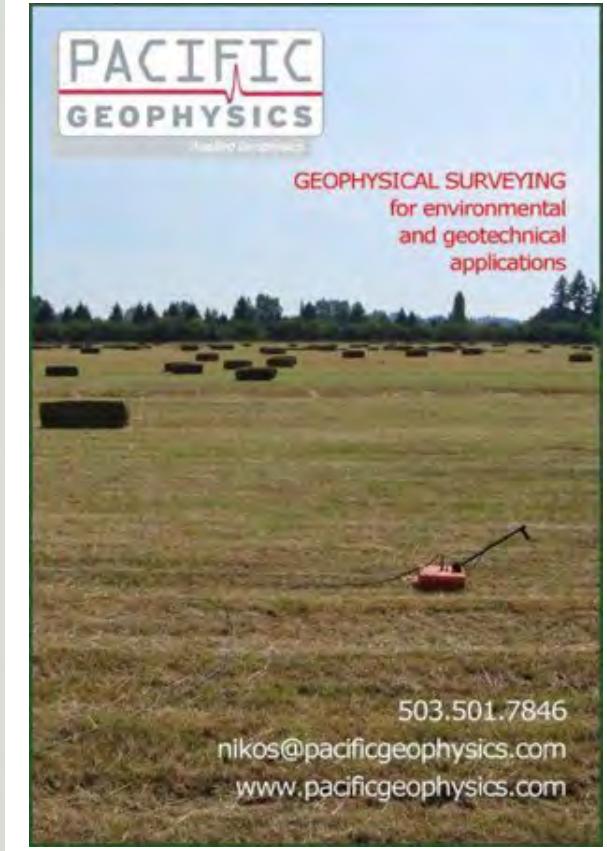
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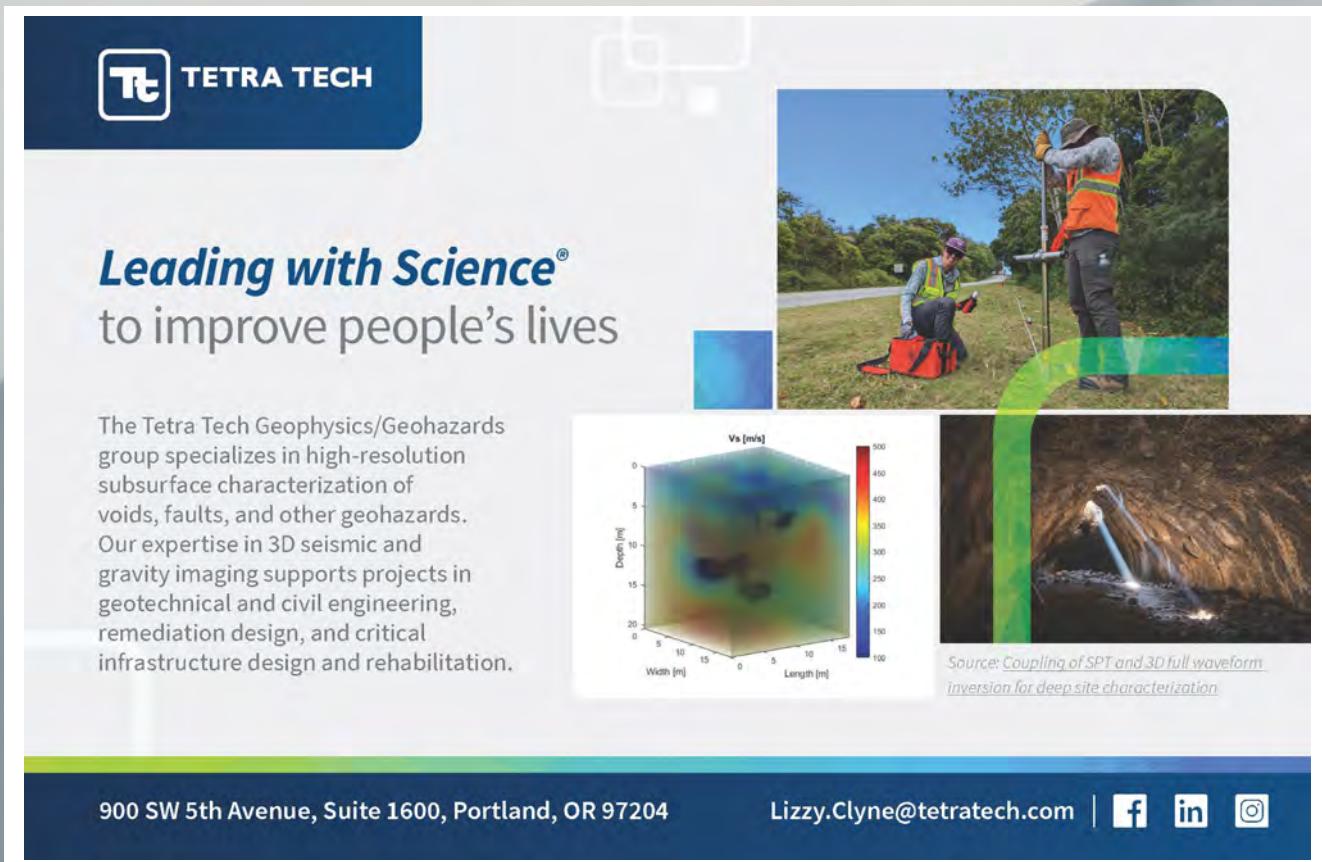
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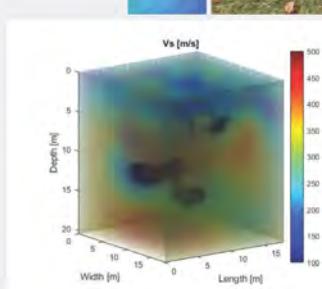
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Source: Coupling of SPT and 3D full waveform inversion for deep site characterization

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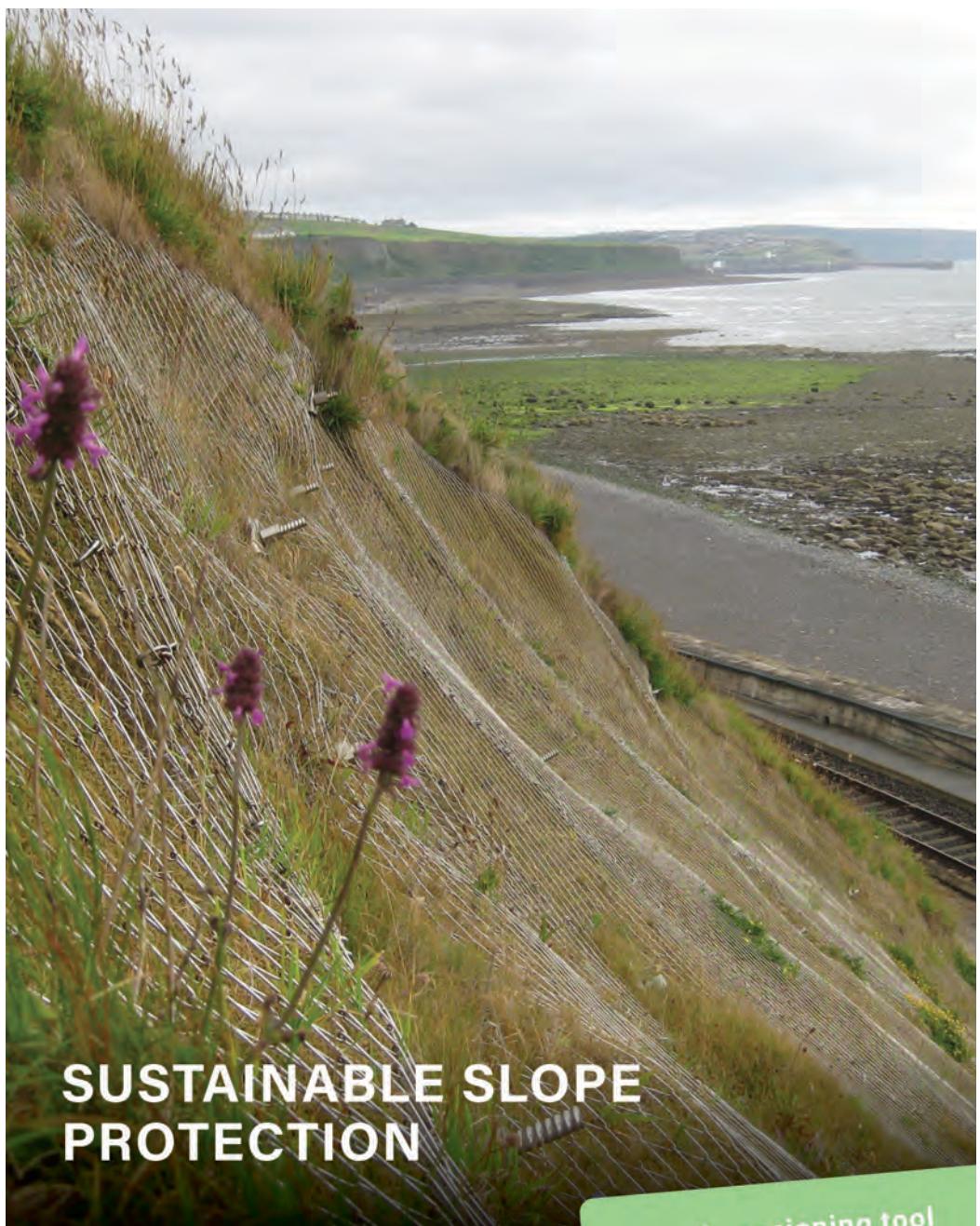
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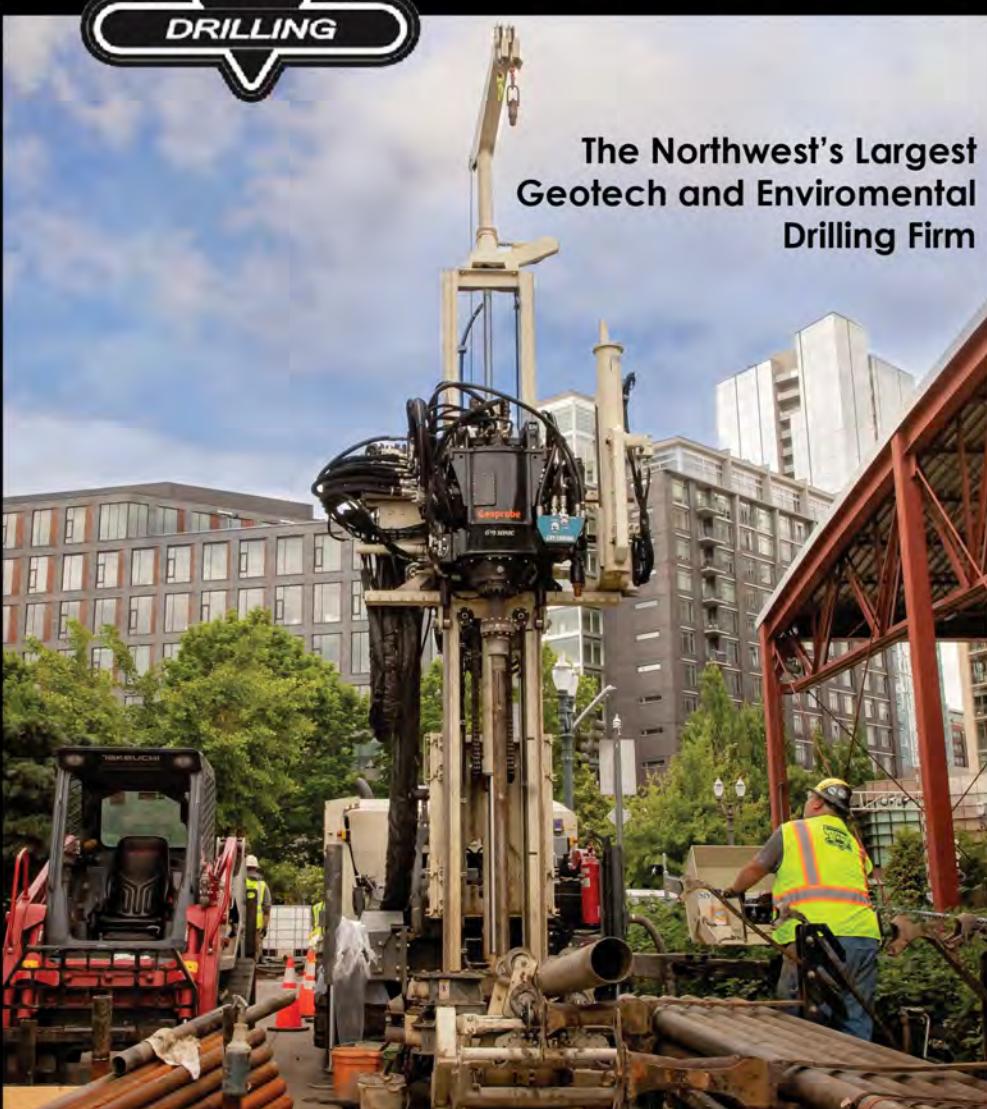
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STUDENT NIGHT

Student night will be May 21, 2026. This is an opportunity for students to present their projects and mingle with industry professionals. And there are prizes! It's never too early to start thinking about what you might present.

STUDENT MEMBER SPOTLIGHT

Cameron Stallcup attended the Juneau Icefield Research Program this summer. He spent 10 weeks on the icefield participating in research activities.

UPCOMING EVENTS

September 11–12, 2025: ACEC Oregon Fall Conference in Canon Beach, Oregon

September 12, 2025: GSOC lecture, Tsunamis and Survival, at PSU's Cramer Hall and via Zoom. (<https://www.gsoc.org/lecturesevents>)

September 23–27, 2025: AEG Annual Meeting in Chicago (virtual option available). (<https://www.aegannualmeeting.org/>)

CALL FOR CONTENT!

We would love to hear from you! Information about recent projects, career milestones, events, awards, and job postings is all welcome, as are articles and visual elements. Send newsletter contributions to Sarah Norton at snorton@gri.com.

2025–2026 CHAPTER OFFICERS & COMMITTEE CHAIRS



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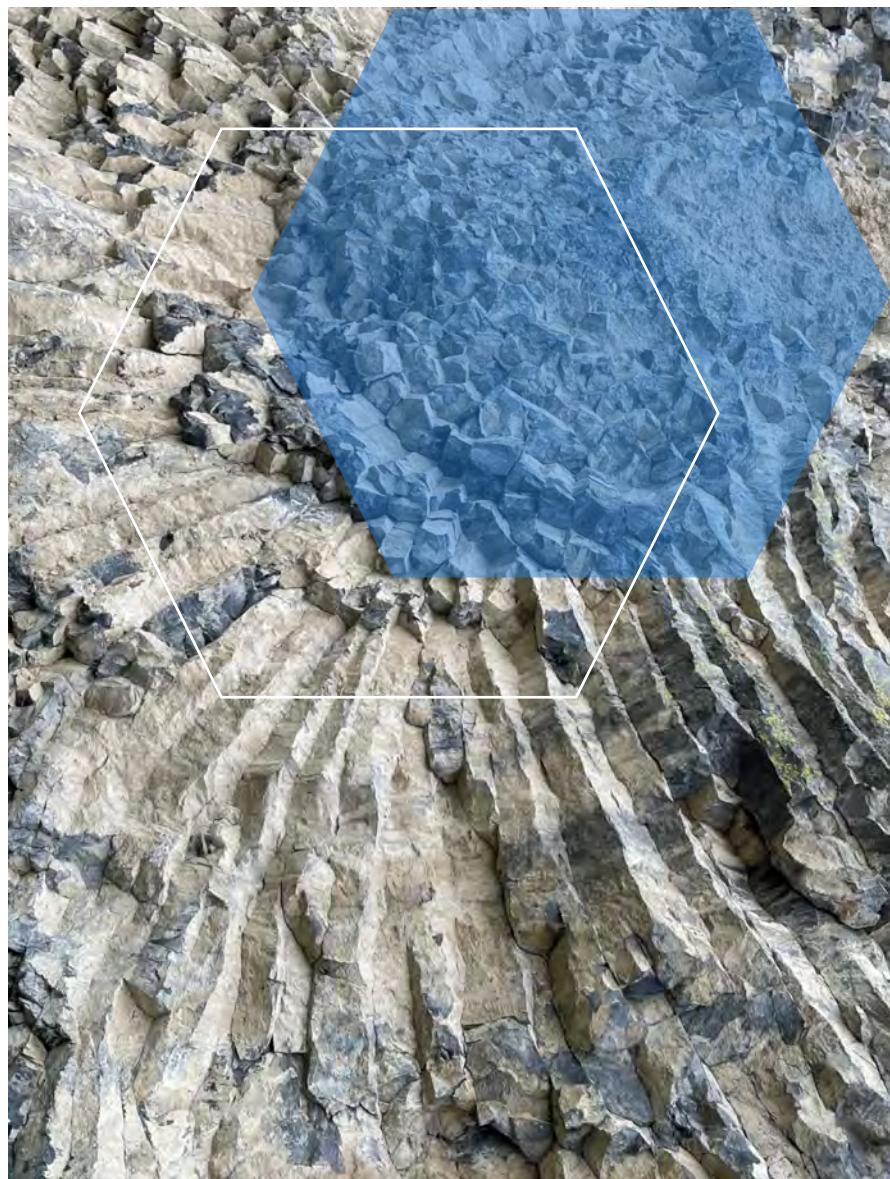
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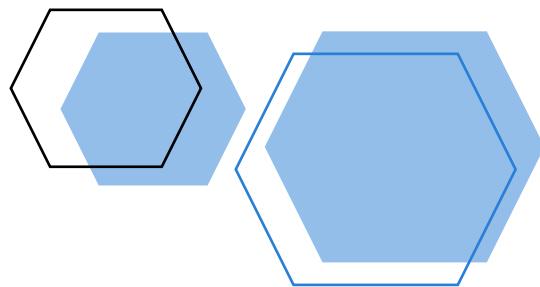
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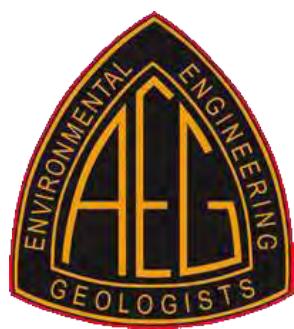
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<http://www.aegoregon.org>

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THE AEG OREGON CHAPTER NEWSLETTER

The Association of Engineering Geologists (AEG) contributes to its members' professional success and the public's welfare by providing leadership, advocacy, and applied research in environmental and engineering geology. AEG's values are based on the belief that its members have a responsibility to assume stewardship over their fields of expertise. AEG is the acknowledged international leader in environmental and engineering geology and is greatly respected for its stewardship of the profession.

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