



AWG Pacific Northwest Chapter

November 2022 AWG-PNW E-News

AWG News

It's time to renew your membership! If you're not a member and join now, you'll be a member through 2023. Go to www.awg.org and click on the "Become a Member" button. If you'd rather mail a check, contact [Marcia](#) to get a fillable pdf membership application form. AWG is financed mainly by member dues, so please support AWG in supporting women geoscientists by joining.

The Brunton Company (of compass/transit fame) is sponsoring **AWG Field Project Scholarships** for "people whose gender identity has been historically underrepresented in the geosciences." There are two awards to support expenses associated with student field projects, one for undergraduates and one for graduate students. The awards each consist of \$1000 and an engraved transit of the student's choosing. If you're a student planning some field work for next summer, consider applying. The application deadline is **December 15**. You can find more information [here](#).

Chapter News

We'll be announcing our **2022-23 Janet Cullen Tanaka Scholarship** soon. The award will again be for \$1500, the application deadline will be **December 30**, and the award decision will be made by late February. We're hoping to increase the amount for 2023-24 and perhaps offer a smaller runner-up award, so if you wish to support the scholarship financially, please go to the [AWG website's online store](#) to donate online. Just remember to type "AWG-PNW Tanaka Scholarship" in the Donor Comment box. If you prefer to mail a check, make it out to "AWG Foundation" and mail it to: AWGF Treasurer, 652 Glimmerglen Road, Cooperstown, NY 13326. Be sure to write "AWG-PNW Tanaka Scholarship" on the memo line. The AWG Foundation is a 501(c)3 charity so your donations are tax deductible to the extent allowed by US law. Small amounts add up, so please consider donating!

Our Editor [Emily Cahoon](#) is hoping to get a proper chapter newsletter out this fall. If you have anything you'd like to submit, please send it to her by November 15. We especially welcome book reviews and pictures of Mystery Locations or Favorite Geosites.

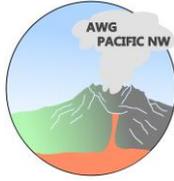
International Shake-Out Day is always on the 4th Thursday of October – this year's was on Oct. 20. This year, a video game to help people understand how to survive "The Big One" – and the aftermath – was designed by a team of researchers at Lewis and Clark College in Oregon. You can play the game at [Cascadia 9 Game](#).

Upcoming Chapter Event:

Our next Zoom meeting will be in late January or early February and will be presented by our 2021-22 Tanaka Scholarship recipient, Haskelle White (OSU).

If you'd like to give a talk for a future chapter Zoom meeting or would like to suggest someone, please let [Melanie](#) know.

AWG-PNW's 2023 Field Trip:



AWG Pacific Northwest Chapter

We're planning on doing the long-delayed **Mount St. Helens field trip** in 2023. It'll most likely be in July and will be led by Mindy Brugman (Environment Canada) and Carolyn Driedger (USGS).

Marcia Knadle has been exploring a follow-up field trip to our SE BC trip to NE Washington to look at the similar rocks on our side of the border, but we'll probably do it in spring of 2024. This would be a 3- to 4-day trip including Republic (with a trip to Stonerose plant fossil quarry), Kettle Falls (located on the edge of the late Precambrian rifted North American craton) and Metaline Falls to look at lower Paleozoic shelf rocks. We may also go into northern Idaho to look at Purcell/Belt rocks. Everyone will be responsible for their own transportation, lodging, and food. However, carpooling will be encouraged/facilitated. Participants will be able to either camp or stay in motels. If you can suggest a good leader or would be interested in helping plan the trip, please let [Marcia](#) know.

AWG's 2023 Field Trip:

A trip to **Newfoundland and Nova Scotia** is being planned for August 1-15, 2023. Registration should start in January, and you will need to be a member of AWG to register. The tentative price is \$3000. Please let [Marcia](#) know if you're interested so you'll get updates.

Zoom presentations roundup:

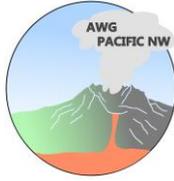
Many of these meetings are now in person or hybrid, and it might even be safe to attend in person, especially those of us who have recently had the Omicron variant or gotten the new booster.

Wednesday November 2 @ 7:00 pm: Oregon State University's 2022 Condon Lecture will feature internationally acclaimed volcanologist **Kathy Cashman** (UO and Univ. of Bristol) presenting ***What's under a volcano, and how do we know?*** This will be a hybrid presentation. If you live near Corvallis, she's also presenting the George Moore Seminar: **Onset and impacts of the c.7700 ybp eruption of Mount Mazama, OR** on **Thursday, November 3** from 4 to 5 p.m. in OSU's Burt Hall, Room 193. For more information and a link to register to attend the Condon Lecture either in person or via Zoom, go to: [2022 Thomas Condon Lecture | College of Earth, Ocean, and Atmospheric Sciences | Oregon State University](#).

Monday November 7 @ 7:00 pm: IAFI* Puget Lobe Chapter meeting will feature Pat Pringle presenting ***New clues about recent geologic events in Cascadia from radiocarbon and tree rings.*** Join this meeting [here](#).

Tuesday November 8 @ 7:30 pm: NWGS* will hold their monthly meeting, which is likely to be hybrid. Check [November Meeting 2022 – NWGS](#) in early November for details.

Saturday November 12 @ 4:00 pm: QGS* will host **Karl Wegmann** speaking about recent advances in understanding the Lake Crescent fault ***Earthquakes, Rock Avalanches, Displacement Waves, and Turbidites: The Amazing Holocene Sedimentary Record from Lake Crescent.*** For more information and to find the Zoom meeting link, go to [2022-11-19 Karl Wegmann, Recent advances in understanding the Lake Crescent fault – Quimper Geological Society \(quimpergeology.org\)](#). This meeting was postponed from September.



AWG Pacific Northwest Chapter

Thursday November 17 @ 7:00 pm: IAFI* Lower Columbia Chapter will host **Andrew Fountain** (PSU) speaking about *Scientific Discovery of Glaciers in the American West, Their Current Condition and Probable Future*. This meeting will be hybrid, with the in-person meeting held at the Tualatin Heritage Center. You can join the Zoom meeting [here](#).

Tuesday November 29 @ 7:30 pm: COGS* will likely hold their monthly meeting, which will probably be hybrid. Check [Central Oregon Geoscience Society - Presentations \(cogeosoc.org\)](http://www.cogeosoc.org) in mid-November for details.

GSOC's next 2nd Friday Zoom meeting will be in January.

Geohumor:

Four years ago a "pre-parody" of Smash Mouth's *All Star* was produced in connection with International Shake-Out Day and is worth revisiting at <https://www.youtube.com/watch?v=ixeOerAGQhw>

***Societies and their websites:**

COGS – Central Oregon Geoscience Society -- www.cogeosoc.org

GSOC – Geological Society of the Oregon Country -- www.gsoc.org

IAFI – Ice Age Floods Institute – www.iafi.org

NWGS – Northwest Geological Society – www.nwgs.org

AEG-PS – Association of Environmental and Engineering Geologists, Puget Sound Chapter – www.aegpugetsound.org

AEG-Nisqually – Association of Environmental and Engineering Geologists, Nisqually Chapter – <https://aegniskually.org/>

QGS – Quimper Geological Society – <https://quimpergeology.org/>