



AWG Pacific Northwest Chapter

June 2022 AWG-PNW E-News

Chapter News

The new AWG website launched in early May! AWG has completely changed their website (still at www.awg.org) and their databases. This has several advantages for AWG – it's easier for multiple people to update pages (each chapter has a page and potentially access to edit it) and **a lot** less expensive for AWG to process credit card transactions. If you haven't already logged in to establish a new user name and password to access your account, please do so soon. An email from the AWG office with the instructions to do that was sent out to all members on May 2. (If you're sure you're a member and didn't get that email or have trouble logging in per the email instructions, please contact Mona at office@awg.org or 303-412-6219 to resolve the issue.) Once you're into your member profile, establish a **user name and a new password**. Then click on "groups" and select **Pacific Region** from the drop-down menu – you should already be in the PNW Chapter group.

Visit this Instagram [page](#) to see pictures from the recent West Pacific research cruise (KM2201) AWG-PNW Editor **Emily Cahoon** (OSU) and member **Emma Rahalski** (PSU) participated in to unravel Pacific basin tectonic history using underwater volcanoes in the West Pacific. You can also see the Zoom recording of Emma's excellent May 28 GSOC Meetup talk about the cruise [here](#). And don't forget to visit AWG-PNW's Instagram [page](#). We'll upload some pictures from our SE BC Hot Springs Geology Tour soon.

[Applications](#) for **AWG's undergraduate Geoscience IDEA (Inclusion, Diversity, Equality, and Accessibility) Scholarship** are due June 30. Visit the AWG website for more information on this and other awards and scholarships.

Call for chapter officer nominations: Neither our chapter's president nor vice-president can run for those same offices this summer because of the term limits written into our bylaws which limit both of those offices to three successive 1-year terms. Consequently, by mid-August, we **must** have a new candidate for **president**. The chapter can legally function without a **vice-president**, but it works a lot better if we have one. The office of **secretary** will also be on the ballot, but the incumbent (Pat Reed) will run again. The incumbent president, Marcia Knadle, will remain on the AWG-PNW Board in her capacities as past president and Pacific Regional Delegate and will be available to help any new officers. We can also use more people on the **Scholarship Committee**, which does most of its work in fall and winter. None of these positions require a tremendous amount of time, and our chapter board is large enough that officers experiencing a time pinch can usually find someone to help them. **Please** consider supporting our chapter by running for one of these offices or joining the Scholarship Committee. Contact [Marcia](#) if you're interested or have questions. If we don't get volunteers, we'll start twisting arms in June.

AWG-PNW's 2022 Field Trip:

Our AWG-PNW Chapter field trip for 2022 was the **SE BC Hot Springs Geology Tour (April 30 – May 11)**. It was a good trip with mostly decent weather, great views, and wonderful rocks, but we were impacted by Covid – apparently, one participant picked it up during travels to Canada and passed it on to the



AWG Pacific Northwest Chapter

roommate. However, our trip protocols, which included masking in our carpools and frequent antigen (at-home kit) testing, helped keep it from spreading to the rest of the group. (AWG will be updating its field trip Covid guidelines over the coming month to incorporate lessons learned from this field trip, which has also informed Covid protocols for the upcoming Iceland trips.) Watch for an article in our next chapter newsletter.

Marcia will be exploring a possible follow-up field trip to NW Washington to look at the rocks on our side of the border, probably sometime in 2023. This would be a 3-4 day trip starting in Republic with a trip to Stonerose quarry, then proceeding east to Kettle Falls (located on the edge of the rifted North American craton) and Metaline Falls to look at lower Paleozoic rocks. If you can suggest a good leader, please let [Marcia](#) know. We may also try to do the long-delayed Mount St. Helens trip in 2023, but Covid may continue to delay that one.

AWG's 2022 Field Trips:

Both **2022 AWG Iceland Field Trips** are full. However, cancellations are possible (we had one recently), so if you're willing to be flexible, please let [Marcia](#) know if you'd like to be on a waiting list for either **Trip 1 (July 6-18)** or **Trip 2 (July 25 – August 6)**.

AWG's 2023 Field Trip:

A trip to **Nova Scotia and Newfoundland** is being planned for August of 2023, so mark your calendars.

Zoom presentations roundup:

As we get into summer, the calendar of presentations has dwindled, but there are some talks and meetings happening in June.

Friday June 10 @ 7:30 pm: GSOC* will host photographer **Isaac Pope** presenting *The Cascade Volcanoes: A Living Laboratory for Geologic Exploration!* Register for the Zoom meeting [here](#).

Tuesday June 14 @ 7:30 pm: NWGS* and AEG-PS* will hold a hybrid joint meeting featuring **Tom Doe** and **John Oldow** presenting an overview of the **Fidalgo Ophiolite**, They're still working out how to stream the meeting, but this will be NWGS' first in-person talk since the pandemic struck, and the venue will be the *Optimism Brewery* on Capitol Hill (1158 Broadway, Seattle). The cost will be approximately \$30 for pizza and non-alcoholic beverages (\$10 Student) with no-host beer. Links for registration will be emailed soon to members of both organizations. If you're not a member, check NWGS' June newsletter in the next week at <https://nwgs.org/newsletters/>.

Thursday June 16 @ 7:00 pm: The Lower Columbia Chapter of IAFI* and the **Tualatin Historical Society** will host **Sheila Alfson** presenting *Assembling Oregon*, a photo tour of the state and its physiographic regions. Here's the Zoom meeting [link](#).

Thursday June 28 @ 7:00 pm: COGS* will host **Bill Burgel** presenting *Volcanoes! Travelogue and Science of Two Volcanic Arcs*, a comparison of two volcanic arcs both originating from the subduction of remnants of the Farallon Plate. Check back later at the COGS [website](#) for the Zoom link.



AWG Pacific Northwest Chapter

Saturday June 30 @ 6:00 pm: The USGS public lecture series will feature **Michelle Coombs**, Scientist-in-Charge of the Alaska Volcano Observatory (AVO) "**Keeping tabs on the volcanoes of the Last Frontier.**" Go to their [website](#) just before lecture time to find the link to join the lecture.

If you'd like to give a talk for our chapter's summer Zoom meeting or would like to suggest someone, please let [Marcia](#) know. If you'd like to watch the Zoom recording of our May meeting with Dr. Gillian Foulger to challenge your views of hot spots, here's the YouTube [link](#), courtesy of GSOC.

Field Conference:

The **Tobacco Root Geological Society (TRGS)**, which normally holds its annual field conference in Montana or Idaho, is holding it in **Wenatchee** this year on **July 29-31** and exploring the geology in and around central WA. You must join TRGS (<https://www.trgs.org/membership>) to get information to sign up for the conference, but membership is cheap – \$25 professional and \$5 student! Go to <https://www.trgs.org/membership>. Even if you don't attend the conference, as a member you can receive all the papers and field logs associated with it in TRGS' annual publication *Northwest Geology* for a reasonable price.

Job Announcements:

The Forest Practices Division of DNR is hiring two [engineering geologists](#) (Natural Resource Scientist-3/NRSc2 In-Training) to join their Science Team. One position will be based in the Olympic Region (Forks/Port Angeles/Olympia, WA), and one in the Northeast Region (Colville/Deer Park, WA). Recruitment closes 6/12/22.

DNR is hiring a [Mining and Minerals Program Manager](#)

WSDOT is hiring an [Engineering Geologist \(Transportation Engineer 4 In-Training\)](#)

GeoEngineers, Inc, a leading environmental and engineering consulting services provider, is seeking a qualified, full-time Hydrogeologist for our Redmond, Washington location. The successful candidate also will support our Boise, and Puget Sound office locations. Responsibilities can include project planning and budgeting, fieldwork and data collection, data management, subcontractor oversight, data analysis and QA/QC review, reporting, and technical project management. Much of the work will emphasize groundwater supply investigations, aquifer testing and analysis, groundwater flow modeling, statistical analysis, and hydrogeologic/hydrologic analysis. Individuals with complimentary skills in water quality and contaminant fate and transport assessment are encouraged to apply. For more details and to apply go to <https://geoengineers.csod.com/ats/careersite/JobDetails.aspx?site=5&id=1360>.

WSP (formerly Golder Associates) has openings in their Redmond, WA office, for [Senior Engineering Geologist](#), [Senior Hydrogeologist](#), and [Intermediate Hydrogeologist](#).

Geohumor:

Finally, from xkcd comics:



AWG Pacific Northwest Chapter

The tectonics of swimming pools – <https://xkcd.com/2616/>

***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/>