

NORTHWEST GEOLOGICAL SOCIETY

A regional association of professionals, students & others interested in geology
Please browse www.nwgs.org for more about us

December, 2023 Newsletter

Volume 37, Number 8

Monday*, December 11* Program Speaker

5:30pm: No-host social hour; 6:30pm: Dinner
7:30pm: Speaker program (reservations here, see below for details)

***Note that that we are meeting on the second Monday this month due to a venue scheduling conflict.**

Speaker: Tom Doe, Golder Associates

Title: Hiking Cougar Mountain During COVID Times

Abstract: The Cougar Mountain and Coal Creek parks are major recreational resources for the Seattle metropolitan area, enjoyed by large numbers of visitors who enjoy the scenic beauty, while little appreciating the underlying geology. This talk is an outgrowth of a personal pandemic project to hike all the trails of Cougar Mountain (multiple times) relating the trail network to the geology and the mining history that is particularly well expressed in the DNR's accessible LIDAR and the coal mine map data-bases. The talk will draw on a field trip guide that was prepared for the AEG's first post-COVID meeting drawing on these resources as well as those of the Newcastle Historical Society. These include geo-PDF's of the Lidar imagery that can be uploaded to popular hiking aides like Avenza. Some highlights of the talk include a geologic overview, mining history and sinkhole development, and rockfalls their possible origins.

IN-PERSON PROGRAM DINNER RESERVATIONS!

Cost: NWGS member dinner: \$40; Non-member dinner: \$50; Student dinner: \$10; Talk-only: \$10; Student talk-only: free

To register for attending in-person: please [make your reservation here \(nwgs.org/meeting-registration/\)](http://nwgs.org/meeting-registration/) by the Thursday prior to the meeting.

Catered menu: prime rib (DF, GF), seafood risotto (DF, GF), roasted winter vegetables (DF, GF, vegan), baked potato salad (DF, GF, vegan), holiday field roast (vegan), garden salad with assorted dressings (vegetarian, vegan, GF), focaccia (vegetarian, DF), assorted cookies and fudge.

Location: Fautleroy YMCA next to the Fautleroy UCC Church, West Seattle, **9140 California Ave SW**, Seattle, WA. 98136. Use the parking lot on the north side of the building. Get [Google Maps driving directions here](#).

Cost: NWGS member dinner: \$40; Non-member dinner: \$50; Student dinner: \$10; Talk-only: \$10; Student talk-only: Free

Upcoming Speakers and Field Trips

January 9: TBD.

February 13: Stacia Gordon, UN Reno, Tracking the Rheology History of an Arc System: Magmatism, Metamorphism, and Deformation in the Deep Crust.

March 13: TBD.

April 10: TBD

If you would like to volunteer to give a talk or lead a field trip for NWGS, please contact President [Francois Lalague](#).

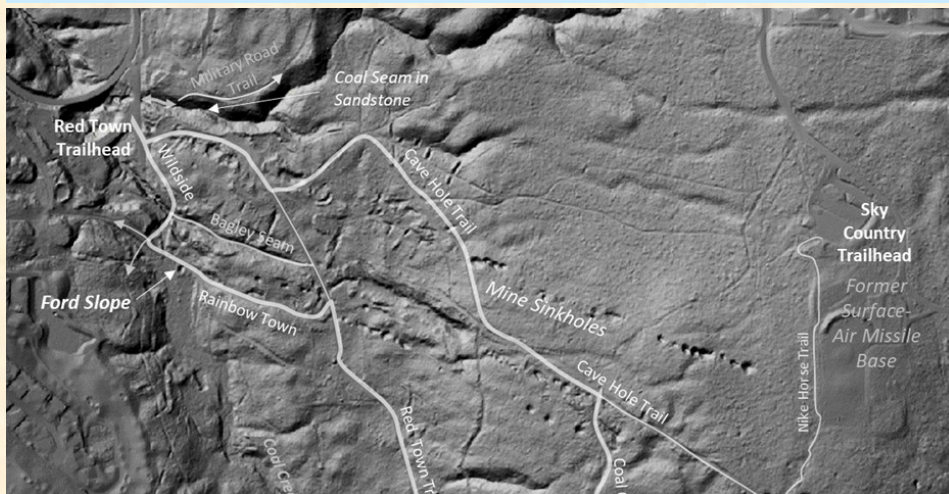
Please see the [NWGS website](#) for detailed announcements.
Contact webmaster [Matthew Porter](#) if you have any announcements to post on the website.

Announcements

- NWGS is still seeking a talented volunteer to fill the **President Elect** position. The success and future of this fine organization depends on shared governance by its members. The time commitment is not enormous, and this is a rewarding opportunity to contribute to the direction of our fine organization. Please contact President [Francois Lalague](#) for more information.
- There are some exciting **field trip** options on the horizon! These include possible trips to the the **Issaquah Highlands**, the **Jurassic coast of England** (Fall, 2024), and the **four-corners area** of the Southwest.
- We are currently working on filling in the talk and field trip schedules for the 23-24 year. Please let [Francois Lalague](#) know if you would like to volunteer or have any suggestions.
- Next **Board of Directors meeting:** , 5:30 **date TBA.** Members are welcome to attend. Please email nwgs.secretary.com for the Zoom link.

YOU would like to be involved!

Photo Spotlight



Red Town trails and LIDAR showing mine sinkholes.

About NWGS

The [Northwest Geological Society](#) is a non-profit educational organization which provides a forum for information and discussion on Northwest geology and related topics. The Society sponsors talks by leading academic and professional geologists at its monthly meetings, conducts field trips to locales of regional geologic interest, and publishes meeting summaries and field guides based on those activities. Membership is open to anyone interested in regional geoscience issues.

Program meetings are the 2nd Tuesdays, October through May. We are trying a new in-person venue this month at the [Fautleroy YMCA in West Seattle, 9140 California Ave SW, WA, 98136.](#) Reservations are required to attend in-person (Member dinner: \$40; Non-member dinner: \$50; Student dinner: \$10; Talk-only: \$10; Student talk-only: free).

Field trips (members only): The Society sponsors two overnight field trips each year, one in the fall and one the spring, to locales of regional geologic interest.

Membership is open to anybody with an interest in geology. **Annual dues:** Professional: \$55; Student: \$10. **To join or pay annual dues:** go to the [NWGS website](#), or visit our website for more details. We look forward to seeing you soon!

Recommended Readings

Doe, Thomas, 2022, A Field Trip Guide to Geological Hiking in Cougar Mountain Regional Wildland Park, prepared for the AEG joint Puget Sound and Nisqually Chapter field trip meeting.

Please send your reading recommendations to Newsletter Editor [Tom Bush](#).

To update your account information,, go to NWGS.org/membership.
Questions or comments? Contact President [Francois Lalague](#).

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