



NORTHWEST GEOLOGICAL SOCIETY

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



December, 2016 Newsletter

Volume 30, Number 8



December 13 Program Speaker

Speaker: David Williams, Naturalist-Author-Educator
Title: The Protean City: Reshaping the Seattle Landscape
Abstract:

Since settlers first arrived in Seattle, the city's citizens have altered the landscape with an unrivaled zeal. We have re-graded hills, reengineered tideflats, and replumbed lakes to provide better locations for business and easier ways to move through the challenging topography. And we are still at it, though now we also understand that earthquakes and rising sea levels have the potential to change us as much as we have changed the land.

5:30pm: No-host social hour
6:30pm: Buffet dinner
7:30pm: Speaker program
All are welcome to attend –
reservations are required
if coming for dinner.

► [Reservations here](#) 

PROGRAM DINNER RESERVATIONS: NWGS members: **\$40**; Non-members: **\$45**; Full-time students : **\$20**. Add \$5 for LATE REGISTRATION. Make your reservation and payment on-line at www.nwgs.org (or mail your payment to *Northwest Geological Society, 4616 25th Ave NE #397, Seattle, WA. 98105* (must be received by Thursday prior to meeting)). Contact Secretary [Beth Tanner](#) with questions about dinner reservations.

If attending the speaker program only, a \$5 voluntary donation to help defray the meeting room cost is requested.

Location: Pacific Dining Hall at the [Talaris Conference Center](#), 4000 NE 41st St., Seattle, WA., 98105. **Directions:** See [on-line directions with map](#), or: from I-5 northbound or southbound in Seattle, take Exit 168B (NE 45th St.). Drive east on NE 45th St. past UW down the hill and past University Village. Turn south (right) onto Mary Gates Memorial Drive at the 5-way intersection. MGM Drive will curve east (left) and become NE 41st St. Continue several blocks to the [Talaris Conference Center](#) entrance on the north (left) side. We meet in the Pacific Dining room on the left (**SEE MAP ON P. 3**).

Upcoming Speakers and Field Trips

January 10: Dr. Jackie Caplan-Auerbach, WWU Geology, Acoustics of Submarine Eruptions.

February 14: Monika Kress, San Jose State Univ. Dept. of Physics & Astronomy, The Science of Meteorites.

March 14: TBA.

April 11: TBA.

May 9: Eric Cheney, UW ESS, The Geology of the Republic area and the Okanogan Metamorphic Core Complex.

Spring Field Trip: Eric Cheney, UW ESS, Geology of Republic area, May 19-21, 2017.

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

Please see the [NWGS website](#) for detailed announcements.

Contact webmaster [Julie Masura](#) if you have any announcements to post on the website.

Announcements

- The **2018 NWGS Symposium** will be in early May, 2018. It will be 2 days, with technical sessions the first day and public presentations the second day, plus a one-day field trip either before or after. The USGS and AEG are considering involvement. Please consider volunteering for a position on the organizing committee. Contact President [Jim Miller](#).
- Next **Board of Directors meeting**: Dec. 13, 4:30 P.M., Talarais Conference Center.
- If you have an **unusual rock**, please bring it to show!

YOU would like to be involved!

Photo Spotlight



The 4th Denny Regrade, which removed 5.5 million yds³ of sediment and dumped it in Elliott Bay. Photo by Asahel Curtis, c. 1910.

About NWGS

NWGS, a regional association of professionals, students & other persons interested in **geology**, provides a forum for the presentation and discussion of a wide range of geologic topics, emphasizing those of the Pacific Northwest of fundamental scientific interest.

YOU would like to be involved!

Program meetings: 2nd Tuesdays, October through May in the Pacific Dining Hall at the [Talaris Conference Center](#) in Seattle (see 1st page). Anyone may attend the speaker program, but a reservation is necessary for those wanting dinner (see 1st page). **Field trips (members only):** one in late spring/early summer and one in late summer/early fall, usually of 1-3 days in length. **Membership** is open to anybody with a professional or amateur interest in geology. **Annual dues:** Professional: \$30; Student: \$5. **To join or pay annual dues:** send a check payable to NWGS to Secretary [Beth Tanner](#), 4616 25th Ave NE #397, Seattle, WA. 98105. Please include your name, address, home phone, email, and employer/affiliation (if any). Professional dues may now also be paid at www.nwgs.org.

YOU would like to be involved!

Recommended Readings

On this month's topic:

David B. Williams, 2105, [Too High and Too Steep: Reshaping Seattle's Topography](#), Seattle: University of Washington Press.

Loeffler, R.D., M.L. Holmes, and R. E. Sylwester, 1989, In search of the Denny Regrade: Fate of a Large Spoil Bank in Elliott Bay, Puget Sound, *Oceans 89 Proceedings*, pp. 84-89.

Other significant literature:

Cheney, E.S. (Editor), 2015, [Geology of Washington and Beyond: From Laurentia to Cascadia](#), University of Washington Press, Seattle, 350 p.

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

To report a change of email or postal address or request to be removed from mailings, notify Membership Chair [George Bennett](#). Questions or comments? Contact President [Jim Miller](#).

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HOW TO FIND THE NWGS MEETING SITE IN THE PACIFIC BUILDING AT THE TALARIS CONFERENCE CENTER

