

NORTHWEST GEOLOGICAL SOCIETY

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



December, 2018 Newsletter

Volume 32, Number 8



December 11 Program Speaker

Speaker: Marli Miller, Univ. Oregon Earth Sciences & Darrel Cowan, Univ. Wash. Earth & Space Sciences

Title: Assembling the Northwest – and Assembling *Roadside Geology of Washington*

Abstract: Oregon and Washington host an unusually diverse and eventful geological history that illustrates—among other things—the growth of our continent, enormous floods of both lava and water, explosive volcanic activity, and the effects of glaciation. These events combine with an incredible landscape to provide material for the book, *Roadside Geology of Washington*, written by Marli Miller and Darrel Cowan and published by Mountain Press in Missoula. The book aims to reach out to the general public while informing geologists as to the details of Washington's geology as seen along its highways.

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](#)



In this slideshow/lecture, Miller and Cowan will discuss their new book and outline the geology of Oregon and Washington. Beginning with our plate tectonic setting, they will describe the process of continental growth that forms the underlying but diverse “basement” of the region and is readily visible in the Coast Range, North Cascades, Okanogan, Klamath, and Blue Mountains. They will also discuss several major topics in Pacific Northwest Geology, including the Paleozoic margin of North America, the Columbia River Basalt Group, Yakima Fold Belt, and Oregon Basin and Range.

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 (see map p. 3): 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).

Upcoming Speakers and Field Trips

January 8: Dr. Kevin Pogue, Whitman College, Tasting Geology in Wine: Terroir and Am. Viticulture Areas

February 12: Michael Holland, Reconstruction of Dinosaur Fossils

March 12: Liz Schermer, WWU, Paleoseismic Trenching/Active Tectonics Near Port Angeles

April 9: Wayne Ranney, Carving of the Grand Canyon

May 7: Poster session with multiple presenters in lieu of a speaker (please note this is the 1st Tuesday of May)

Fall Field Trip: Jim O'Connor (April, 2017 speaker), USGS, will lead a Channeled Scablands trip, Oct. 4-6, 2018.

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

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

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

Announcements

- The June 27-July 7, 2019 Italy/Slovenia trip is full but if you are interested, contact [Kathleen Goodman](#) to start a waitlist.
- Please note that the May meeting is the **student poster session** and has been rescheduled to the **1st Tuesday of May, May 7**. Awards will be presented!
- **Katie Brower** has been approved by vote and has accepted the **2019 President Elect** position. Linda Khandro will assume Katie's vacated **At-large Board Member** position. Thanks in advance, Katie and Linda, for your dedicated service to NWGS!
- **Next Board of Directors meeting: December 11 4:30PM**, Talaris Conference Center.

YOU would like to be involved!

Photo Spotlight



Sea arch eroded from sandstone and breccia of the Hoh assemblage, Second Beach, Olympic National Park (Marli Miller photo).

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: \$42; 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

Miller, M. B., and Cowan, D.S., 2017, Roadside Geology of Washington, 2nd Ed., Mountain Press Pub., Missoula, 378 p.

Miller, M. B., and Wright, L. A., 2015, Geology of Death Valley National Park, 3rd Ed, Kendall-Hunt Pub., Dubuque, 124 p.

Miller, M. B., 2014, Roadside Geology of Oregon, 2nd Ed., Mountain Press Pub., Missoula, 386 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 [Tom Colligan](#).

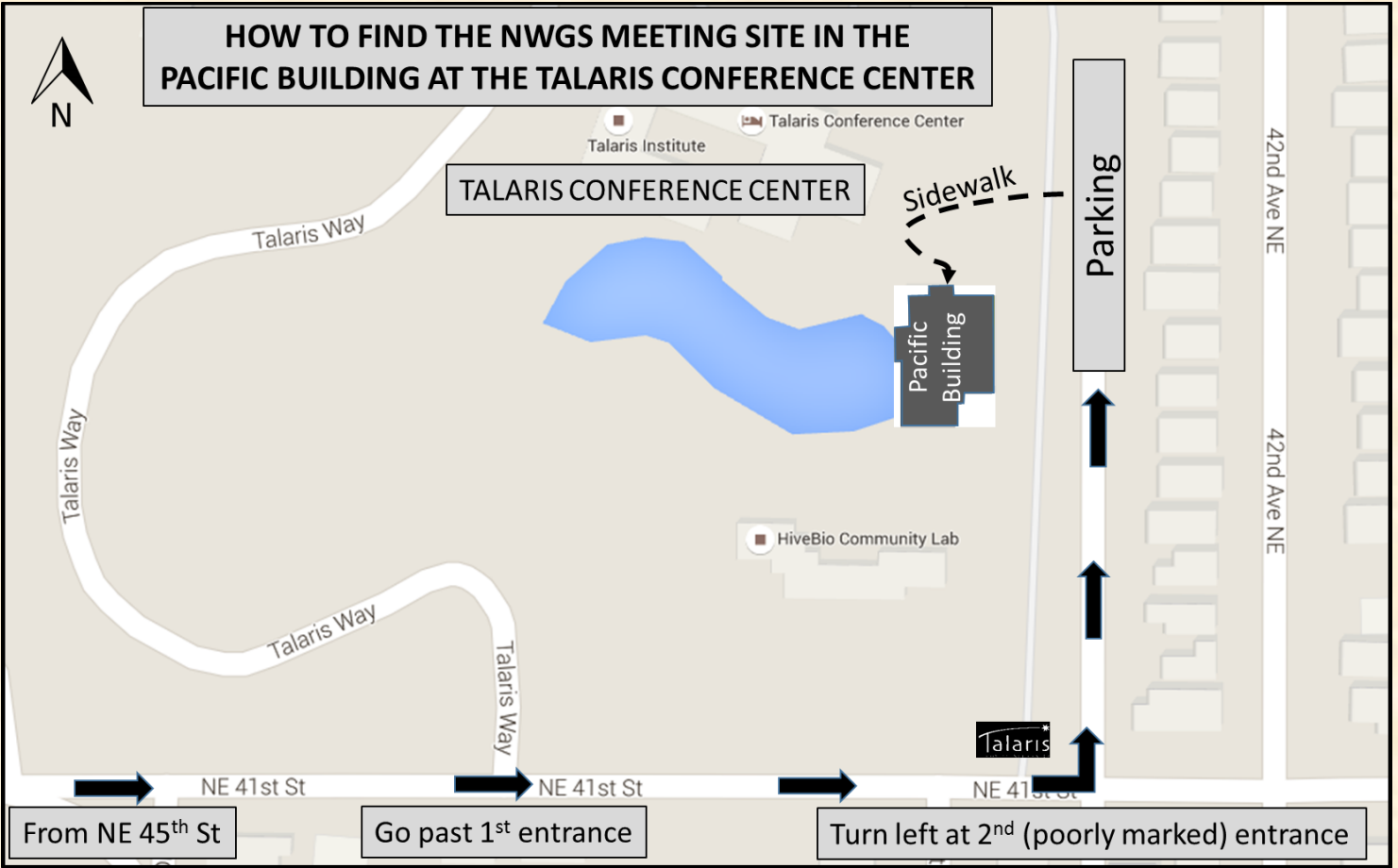
NWGS Board

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



From NE 45th St

Go past 1st entrance

Turn left at 2nd (poorly marked) entrance