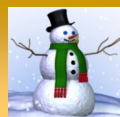


NORTHWEST GEOLOGICAL SOCIETY

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

January 2013 Newsletter

Volume 27, Number 1



January 8 Program Speaker

Speakers: Selected members of the 2012 NWGS Iceland field trip

Title: The Geology of Iceland as seen by the NWGS field trip of 2012

Abstract: Iceland provides a remarkable opportunity to view basaltic volcanism associated with sea floor spreading associated with a mantle plume or "hot spot." The continuous separation of the North American tectonic plate from the Eurasian tectonic plate (one cm/year in both directions), and attendant basaltic volcanism are spectacularly exposed in a number of geologic sites. Pleistocene and post-Pleistocene glaciation with sub-glacial basaltic eruptions continues to dramatically shape the landscape and form excellent exposures of fluvial glacial deposits. This will be a series of shorter presentations with speakers and topics to include Eric and Ingrid Cheney on the northwestern fjords, Dave McCormack on Icelandic glaciers, Amy Knudsen comparing Iceland to Mars, Grace Winer on the geology of Heimaey and its "Mountain of Fire," and Kathy Troost on Icelandic jokulhlaups, among others.

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**. \$45 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 [Dan Smith](mailto:Dan.Smith@nwgs.org) at 206-937-5313 or nwgeo@yahoo.com.

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. Ph 206-268-7000. **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

February 12: TBA

March 12: TBA

April 9: TBA

May 3-5: Second NWGS Symposium. See more in the *Announcements* section on the next page.

Spring, 2013 Field Trip: May 5, Eric Cheney, UW ESS, Fidalgo Island (Second NWGS Symposium field trip).

Fall, 2013 Field Trip: TBA

Please see the [NWGS website](http://www.nwgs.org) for detailed announcements.

Contact webmaster [Julie Masura](mailto:Julie.Masura@nwgs.org) if you have any announcements to post on the website.

Announcements

- The Second NWGS Symposium, *The Paths Ahead for Northwest Geosciences* is scheduled for **May 3-5, 2013** at the University of Washington:
 - * **May 3:** dinner for speakers, past & present NWGS officers, & organizing committee members;
 - * **May 4:** symposium main event at Kane Hall, UW, with 11 speakers, coffee service, lunch, and reception afterwards;
 - * **May 5:** symposium field trip to Fidalgo Island led by Eric Cheney, UW Dept. of Earth and Space Sciences;
 - * Please contact [Dave McCormick](#) (206-838-5834) if you would like to contribute to the symposium as a sponsor;
 - * Details will be posted at [NWGS website](#) as they become available.
- **Next Board meeting:** TBA, 4:30 P.M., Talaris Conference Center.

YOU would like to be involved!

Photo Spotlight



View looking north from breached Eldfell volcano to Vestmannaeyjar harbor and the North Cliffs (Norðurklettar). Eldfell erupted in 1973 and its lava flow, center right, threatened to close the harbor, home of the largest fishing fleet in Iceland (Grace Winer 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: \$30; Student: \$5. **To join or pay annual dues:** send a check payable to NWGS to Secretary [Dan Smith](#), 10203 40th Ave SW, Seattle, WA. 98146. 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

Guomundsson, A. T., Kjartansson, H., and Douglas, G., 2010, [Living Earth-Outline of the Geology of Iceland](#), Mal Og Menning, 408 p.

Guomundsson, A. T., Sigurdsson, R. 2012, [Magma-Icelandic Volcanoes](#), Upheimer, 208 p.

Guomundsson, A. T., Sigurdsson, R. 2011, [Eyjafjallajokul-Untamed Nature](#), Upheimer, 128 p.

Mattsson, H. & Höskuldsson, A., 2003, Geology of the Heimaey volcanic centre, south Iceland: early evolution of a central volcano in a propagating rift? *Journal of Volcanology and Geothermal Research* vol. 127, p. 55-71.

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 Secretary [Dan Smith](#) at 206.937.5313. Questions or comments? Contact President [Julie Masura](#).

NWGS Board

President [Kathy Troost](#)
Troost Geol. Consult.

President **Open**
Elect

Past [John Balla](#)
President CEM Minerals Ltd

Secretary [Dan Smith](#)
King County

Treasurer [Carla Whittington](#)
Highline Com. Coll.

At-Large [Lars Gilmour](#)
Board Univ. of Washington
Members [Grace Winer](#)
S. Seattle Com. Coll.

Other Personnel

Field Trip **Open**
Coordinator

Publications [Tom Bush](#)
Director Pierce College

Poster [Brittany Brand](#)
Competition Univ. of Washington
Co-chairs [Maura O'Brien](#)
Wa. Dept. of Ecology

Webmaster [Julie Masura](#)
Univ. of Washington

Newsletter [Tom Bush](#)
Editor Pierce College