

October 2018
Volume 2, Number 2

NISQUALLY CHAPTER OF THE
ASSOCIATION OF ENVIRONMENTAL &
ENGINEERING GEOLOGISTS

The Official

AEG Nisqually Chapter Newsletter

October Meeting Details Tuesday, October 2nd

Location: Ramblin' Jacks
520 East 4th Ave
Olympia, WA

6:00 pm Social
7:00 Presentation

Dinner: On your own

\$10 Donation (Member)

\$15 Donation (Non-Member)
Students FREE with RSVP

Please RSVP by 4 pm Friday,
Sept 28th at:

<https://aeg-nisqually.brownpapertickets.com/>

There is a \$2 surcharge for
those who do not reserve by
the deadline

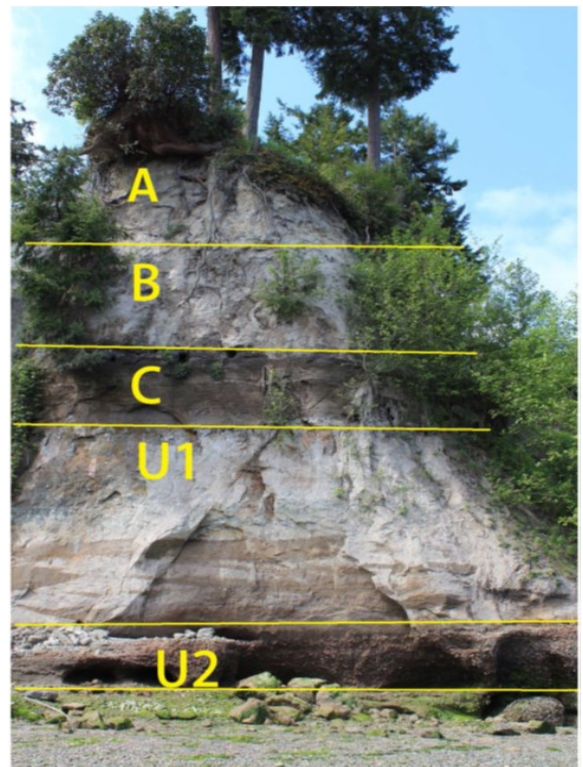
Upcoming Meetings:

Nov	6 th	Micro Brews/Micro Talks
Feb	5 th	Dave Parks
Mar	20 th	Jahns Lecturer
April	2 nd	Megan Anderson
May	7 th	TBD



New understanding of southern Puget Lowland stratigraphy

We mapped the geology of the southern Puget Lowland at 1:24,000-scale in the early 2000's and developed alternative interpretations of the late Pleistocene stratigraphy. New geochronologic analyses since then have both clarified and muddled our understanding of the interstratification of central Cascade glacial deposits with Puget lobe deposits. Tephra from Cascade volcanoes are key to unraveling these relations and will put the southern Puget Lowland stratigraphy into current context.



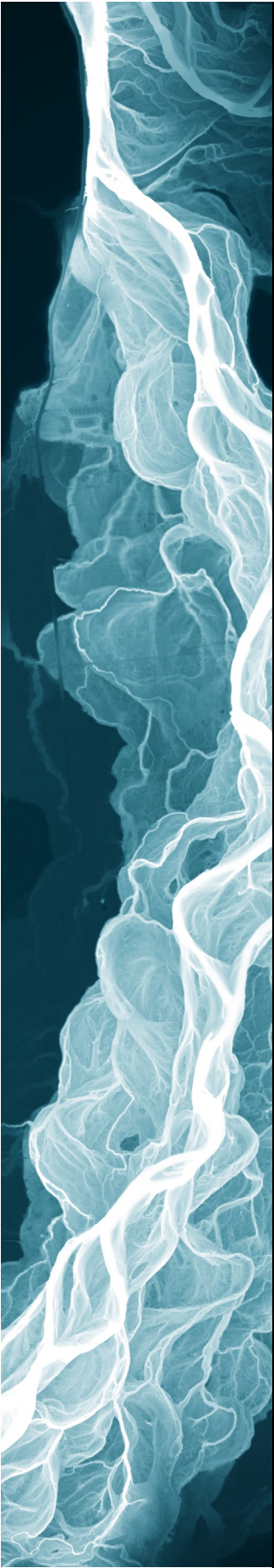
Outcrop along Nisqually Reach showing Hayden Creek? outwash overlain by ~50,000 year old tephra



Sunset Amphiteater tephra exposed in fluvial deposits on Ketron Island

Bio: Tim Walsh

Tim Walsh retired in 2018 as the Assistant State Geologist and Assistant Division Manager of the Washington Geological Survey at the Department of Natural Resources, after a 38 year career. He is an adjunct professor of geology at South Puget Sound Community College, where he has taught for more than 32 years. He is a licensed engineering geologist in the state of Washington. He was one of the founding members of the National Tsunami Hazard Mitigation Program in 1995, a joint Federal/State effort. In collaboration with NOAA and the Oregon Health Sciences University, he has published ten Washington tsunami hazard maps, 24 evacuation brochures, and numerous other geologic and hazard maps. Tim has also been a member of the Washington State Seismic Safety Committee, a member of the Pacific Northwest steering committee of the Advanced National Seismic System, and a founding board member and treasurer of the Cascadia Region Earthquake Workgroup. He is a member of the American Geophysical Union, the Geological Society of America, American Association for the Advancement of Science, and the Association of Environmental and Engineering Geologists. Tim received Bachelor's and Master's degrees in geology from UCLA.





Message from the Chair

Good news! Nisqually Chapter has won a “Chapter on the Rise” award from AEG Headquarters. Many thanks to our speakers, the board, and to everyone who came to our meetings and supported us during our first year!

Please join us for our second meeting at Ramblin Jack’s in Olympia – we’re trying out some new venues this year, and we’d love to know what you think. If you have feedback about Mercato or Ramblin Jack’s, please send it along to me at kara.jacobacci@dnr.wa.gov. In November, we’ll be back at Three Magnets. We’re still trying to figure out where our permanent home will be, and feedback from our members will help us choose it.

We’re planning a joint meeting with the Olympia-Tacoma Chapter of ASCE for April and a joint meeting with Puget Sound Chapter for May.

We’re still looking for student or early career speakers to fill our Microbrews and Microtalks meeting in November! Please send me an email if you have some research you’d like to present – it can be a Master’s project, a Capstone, or just some other cool work you’ve been involved with. The speaking slot is 15 minutes long, and we need three volunteers.

Kara Jacobacci

AEG Nisqually Chapter Chair

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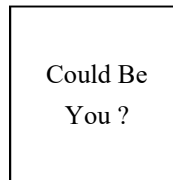
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The AEG Nisqually Chapter Newsletter

The Association of Engineering Geologists (AEG) contributes to its members' professional success and the public welfare by providing leadership, advocacy, and applied research in environmental and engineering geology. AEG's values are based on the belief that its members have a responsibility to assume stewardship over their fields of expertise. AEG is the acknowledged international leader in environmental and engineering geology, and is greatly respected for its stewardship of the profession.

AEG NISQUALLY CHAPTER NEWSLETTER is published monthly from September through April. Subscriptions are for members of AEG affiliated with the Nisqually Chapter or other Chapters, and other interested people. E-mail subscriptions are free.

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