

The Official

AEG Nisqually Chapter Newsletter

November Meeting DetailsTuesday, November 7th

Location: 3 Magnets Brewing

600 Franklin St. SE

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,
November 3rd at: [http://
www.brownpapertickets.com
/event/3116052](http://www.brownpapertickets.com/event/3116052)

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

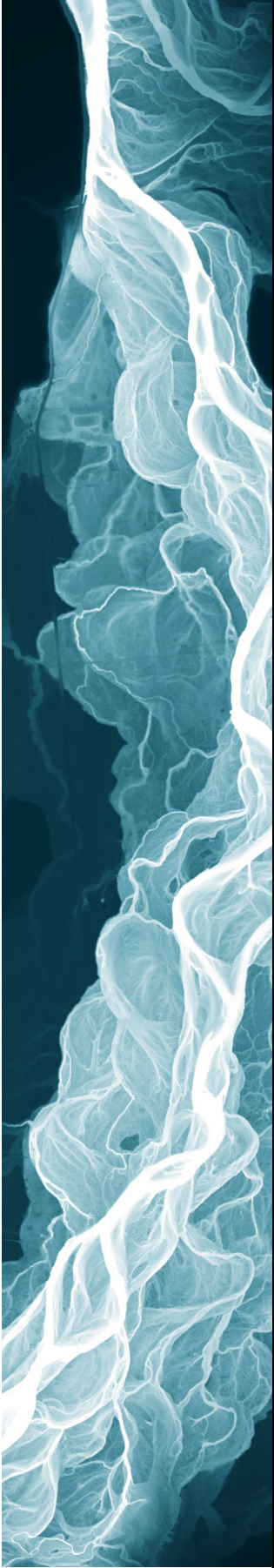
Upcoming Meetings:Feb 6th TBDMar 6th TBDApr 19th Joint Meeting with
Puget Sound Chapter*

Bringing Surface Mine Inspection Out of the Stone Age

The Surface Mine Act for Washington was initiated in 1971 under RCW 78.44. Much of the regulation is associated with permitting surface mining and ensuring that reclamation occurs so that an appropriate land use may resume after mining is completed. To help administer this regulation, surface mine inspectors make site visits where the geologic, topographic, climatic, biologic and hydrologic conditions are evaluated and compared against the requirements of the reclamation permit.

In the past, surface mine inspectors operated from the regional offices of the Department of Natural Resources. Data was collected in the field, reports were hand written on carbon copied forms and permit compliance was evaluated back in the office. Over the last 5 years, technology has come to play an increasingly important role in recording, organizing, accessing and sharing geologic information. Inspectors can now access aerial photography, GIS, GPS and permit files with mobile devices on the fly, to in essence, take the office into the field. We have found increases in inspection efficiency, report quality and regulation transparency since the deployment of mobile technology.





Bio: Eli Newby

I am a Western Washington University graduate with BS in Geology. I am currently the senior surface mine inspector and have worked as surface mine inspector for the DNR since 2012. In 2015 I was chosen to help develop and test the iPad along with ArcGIS collector and several other applications for surface mine inspections. I enjoy traveling abroad to inspect new foods and rock formations.





Message from the Chair

Welcome to our third Nisqually Chapter newsletter! Thanks to all that attended the October meeting, and thanks to Dr. Gates for a great presentation. Our attendance was down a bit from September, though some of us have excuses. Our Newsletter and Technology Chair, Kate Mickelson, just welcomed a baby daughter, congratulations! Thanks to Kara for picking things up while Kate's taking care of the new arrival.

November's meeting will be held on November 7th at 3 Magnets Brewing Company. Tell your colleagues and co-workers. We've got Brown Paper Tickets set up for RSVPs, it seemed like it worked pretty well for October's meeting. Remember, you can save a few dollars by handling things online in advance of the meeting. The Brown Paper Tickets event URL is on the front page of the newsletter.

As I mentioned last time around, we're still looking for pictures that we can use in a slideshow prior to the start of the meeting. If you can bring some interesting photos of sites, challenging situations, interesting processes, or cool old historical pictures to the meeting on a thumbdrive or CD, we'd like to put them into a slideshow.

Finally, we're working with the Puget Sound Chapter on planning a joint meeting that includes a visit from the 2017 AEG Jahns lecturer. This meeting will most likely be held on April 19 at the La Quinta in Tacoma, but the date and venue have not been finalized yet.

Thanks,

Mike

Section Officers & Committee Chairs



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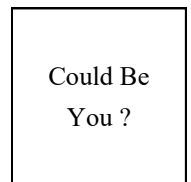
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The AEG Nisqually Chapter Newsletter

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.

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