

NISQUALLY CHAPTER OF THE
ASSOCIATION OF ENVIRONMENTAL &
ENGINEERING GEOLOGISTS

The Official

AEG Nisqually Chapter Newsletter

Meeting Details

Thursday, September 9th

Location: Mercato Ristorante

111 Market St NE

Olympia, WA

6:00 pm Social

7:00 Presentation

Dinner: Pizza and Salad

\$25 Member or Non-Member

\$15 Educators or Job Seekers

\$5 Student

Virtual attendance is free

Upcoming Meetings:



The State of AEG

and

Blasting Techniques used in Civil and Mining Projects

The first part of this presentation will present the Status of AEG for the 2020-21 year and my vision as AEG President.

The second part of this presentation will cover the use of blasting for various applications in the mining and construction industries. Overview topics include the types explosive materials, blast safety and risk mitigation, pattern design, drilling and loading and types of blasts. I will then present a case study from Lake Isabella in the southern Sierra Nevada range in California. The project is owned by US Army Corps of Engineers and consists of an earthen Main dam built across the Kern River as well as an Auxiliary dam. The Kern Canyon fault intersects the right abutment of the Auxiliary dam. Due to seismic safety and seepage concerns the two dams are being raised and buttressed with a zoned downstream shell to mitigate for potential settlements from a design-level earthquake. A large channel is being excavated between the dams for construction of an emergency spillway and labyrinth weir to address a revised PMF. The excavation requires the use of controlled blasting of the granitic bedrock.

Please RSVP by 4 pm Friday, Sept. 3rd if you plan on attending in person. RSVP at:

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

COVID vaccination required for in-person attendance

Zoom Meeting Info:

<https://us02web.zoom.us/j/84167848817?pwd=bzlqdUIxcW9wRkpyTEFET0V4ZS9hZz09>

Meeting ID: 841 6784 8817

Passcode: 956589

One tap mobile

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+16699006833,,84167848817#,,, *956589# US (San Jose)



Bio: William Godwin, PG, CEG

Principal Engineering Geologist, Kleinfelder

AEG President 2020-21

William H. Godwin is a member of the San Francisco Bay Area Chapter of the Association of Environmental and Engineering Geologists (AEG) and is the current 2020-21 National President. He has been a practicing geologist for over 40 years and has been working as an independent geologic consultant since 2014 and as an on-call employee for several large geotechnical consulting firms. Mr. Godwin has worked on a few projects in the Pacific Northwest in both Renton and Spokane Washington and Albany Oregon, and used to be a registered geologist in Oregon. Mr. Godwin earned a Bachelor of Science degree in Geology from the University of Redlands, in Southern California. He is a licensed Professional Geologist (PG) and Certified Engineering Geologist (CEG) in California. He lives in Pacific Grove California.



Message from the Chair

Bright Outlook

Greetings, AEG Nisqually! I have a bright outlook for our Chapter. We will be kicking off a new year of AEG Nisqually Chapter meetings and other local AEG events, starting in September. I am emboldened by recent meetings with the current AEG Nisqually Board and my knowledge of the highly capable geo-folks who have volunteered to help steer our chapter next year. We are already lining up speakers and venues for Chapter meetings this fall and I believe that our new hybrid meeting format will serve our membership well. Our field trip plans are coming along well and I expect that we will have a vibrant and active AEG Nisqually Chapter for us to enjoy for another year.

Chapter Meetings and the Hybrid Format

As we get our membership vaccinated against the virus and see the reopening of civilization, we are cautiously optimistic about resuming in-person meetings. We have reserved the back room at Mercado Ristorante for all our fall meetings and, *if you are fully vaccinated*, we hope to see you there!

We have a fancy new microphone for our presenters, and we will stream video from the venue as well as slides from presentations. We have decided to switch to Zoom, and AEG Nisqually has purchased a Zoom account. After September, we will be charging a nominal amount for attending remotely, as we once again have bills to pay!

Let's keep these meetings safe for everyone by practicing the lessons learned from the pandemic. Please use proper hygiene, sanitize your hands and wear a mask if you would like to. It is critical that we all stay as clean and safe as possible during our meetings. Please use the remote meeting option if you are not vaccinated, if you have been exposed to the virus recently, or if you have any symptoms.

Save the Date! September 11: Cougar Mountain Field Trip

The AEG Nisqually Board and AEG Puget Board have been working to bring you a 2021 Field Trip! With limited time to prepare, and some reasonable public safety precautions still in effect, we have chosen a nearby and accessible locale for our field trip. This is Cougar Mountain Regional Wildland Park (a.k.a. The Issaquah Alps). This field trip will offer a morning guided hike, a lunch gathering with Bill Godwin (AEG President), a guided afternoon hike, and self-guided hike options. We have Avenza maps to download, a couple of speakers tentatively lined up, and a field trip guide that is coming together nicely. We hope that many of you will come out and discuss the Renton Formation, the Blakeley Formation, sinkholes, mass wasting, and coal mining. Most importantly, we are excited to get the geology community back together for some outdoor arm-waving!

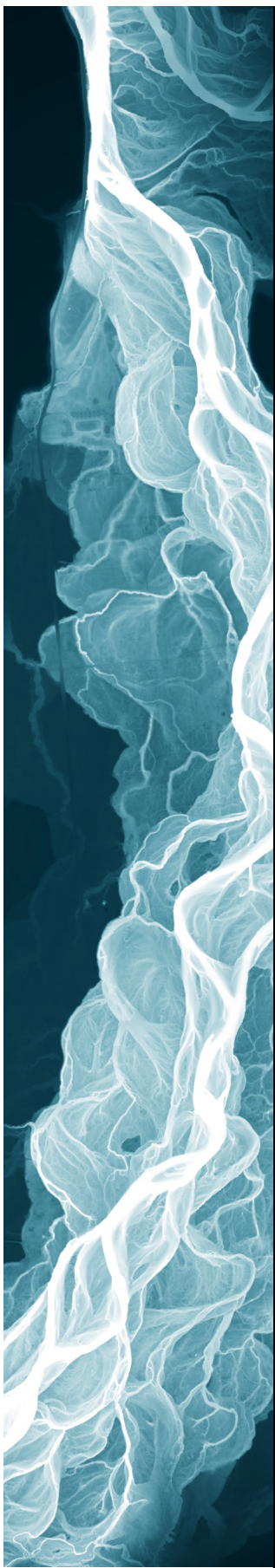
Board Elections

I am very pleased to announce that we have enough volunteers to make a full roster for next year's Board. Ballots are coming soon. Please fill your ballot out and send it to AEGNisqually@gmail.com. I hereby give my personal endorsement to all of the volunteers listed on the ballot. With your approval, I will be passing the reins to Brittany Dayley, who will serve as Chair next year. Susie Wischart has volunteered to serve as Vice-Chair. Stephen Newman has volunteered to serve as Secretary. We have the pleasure of maintaining Samantha Denham as Treasurer. Kara Jacobacci will continue in her role as Remote Meetings Czar and Kate Mickelson will continue to be your Newsletter Editor. I expect a peaceful transition of power here at AEG Nisqually, as is our tradition.

Thanks to everyone for hanging in with us through the pandemic. It's great to be a part of AEG Nisqually!

Gabe Taylor

taylorg@wsdot.wa.gov



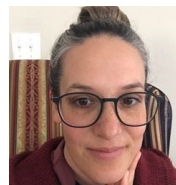
Section Officers & Committee Chairs



Chair:
Gabriel Taylor
WSDOT



Vice Chair:
Brittany Dayley
Washington DNR
Brittany.Dayley@dnr.wa.gov



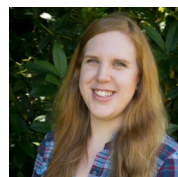
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Field-Trip Chair:
Vacant

National AEG webpage:
<http://aegweb.org>

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.

Mailing List sign up link: <http://eepurl.com/c5gyKn>

