

The Official

AEG OREGON CHAPTER NEWSLETTER

<http://www.aegoregon.org>

May Meeting Details

Tuesday, May 15th

Location: Old Market Pub
6959 SW Multnomah Blvd

Portland, Oregon

6:00 pm Social and Posters

6:45 pm Dinner

7:30 pm Presentation

Dinner: Salad and Pizza

Dinner is FREE

Reservations by 4 pm Fri
May 11th at

<http://aeg-or-2018-05.brownpapertickets.com>

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

Upcoming Meetings:

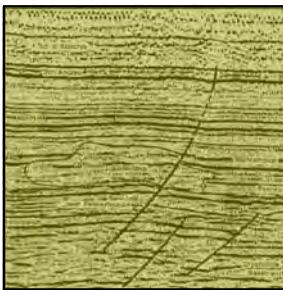
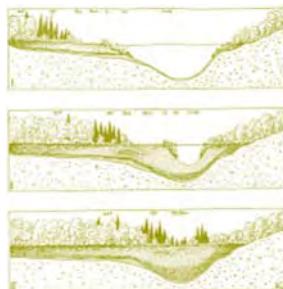
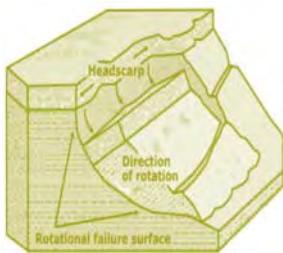
Sep 15th TBD



May Meeting Double Feature — Annual Student Night and Bridge of the Gods Landslide

PLI IS HOSTING
THE BEVERAGES!

- Samantha Abel, WOU, *Sediment Transport and Spawning Gravel Maintenance*
- Adam Baron, WOU, *Turbidity Effects on Water Quality and Habitat*
- Nick Barrera, WOU, *Small Dam Removal and Geomorphic Response*
- Cassie Borcher, WOU, *The Role of Woody Debris and Channel Bed Composition in Salmonid Habitat*
- Jared Bynum-Lewis, WOU, *Channel Form and Morphology: The Meander Problem*
- Tunya Dhevaphalin, WOU, *Fish Passage and Culvert Modification*
- Sophie Hall, WOU, *Stream Temperature and Salmonid Habitat Quality*
- Kara Kingen, PSU, *Estimating Sand Loss: Using eolian sand ramps as a proxy for estimating past erosion within the Lincoln City Dune Sheet; Lincoln City, Oregon.*
- Václav Kuna, OSU, *Mode of slip and crust-mantle interaction at oceanic transform faults*
- Ethan Muncrief, WOU, *Wood Placement and Habitat Modification*
- Lance Nielsen, WOU, *Channel Incision and Bank Erosion*
- Nicole Niskanen, WOU, *Nutrient Supplementation and Water Quality*
- Zach Nuhring, PSU, *δD Variability in Volcanic Glass Preparation Methods*
- Aaron Orr, WOU, *Streamflow Hydrology and River Restoration*
- Maddie Peterson, WOU, *Floodplain Connectivity and Side Channel Restoration*
- Walter Schoen, WOU, *Overview of River Restoration Practice in the Pacific Northwest*
- Peggy Smith, WOU, *Riparian Vegetation and Habitat Restoration*
- Makani Stormont, WOU, *Channel Modification and Engineered Solutions*
- Austin Wegner, WOU, *Sediment Transport and Gravel Distribution*



Bridge of the Gods Landslide

Speaker: Nick Zentner



Central Washington University geology professor Nick Zentner will discuss new research on the Bridge of the Gods Landslide in the Columbia River Gorge. Also known as the Bonneville Landslide, the date of the slide has been narrowed to a 25-year window and a new discussion of a potential trigger for the slide will be featured.



Message from the Chair

Thanks to everyone who attended our April meeting presentation from the 2017-2018 AEG National Richard H. Jahns Distinguished Lecturer, Dr. John Wakabayashi. Dr. Wakabayashi has a tremendous amount of energy and his enthusiasm for proper mapping skills and, in general, for the complexity of mélanges, was inspiring. We also got to hear from the AEG National President Greg Hempen on the state and direction of the organization. If you have any feedback for Greg, please reach out to him at president@aegweb.org.

THIS IS IT! Last meeting of the year and it is our annual Student Poster Night that will be capped with a presentation by Nick Zentner from Central Washington University. We currently have 18 students signed up, with the majority representing Western Oregon University. Please show your support for the students from our local colleges and universities by attending this meeting. Plus, this year's meeting will be FREE for all attendees and with a sponsored bar – THANK YOU PLI Systems, Inc.! – so no excuses. Please encourage any who you know may have interest. Remind them large sums of money are awarded to at least five students.

As soon as it ends, the next year begins and we are beginning our search for our monthly meeting speaker line up. If you, or someone you know, is interested – or should be – to give a presentation for the 2018-2019 year, please reach out to the Board.

VOLUNTEER OPPORTUNITIES: We are bringing our AEG Oregon Chapter Committee Chair positions into the 2nd decade of the 21st Century with some reorganization. As a reminder, we are looking to fill:

- The Technology Team – one volunteer done, looking for the second,
- Chapter Board Secretary

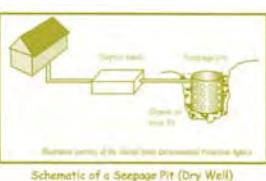
Our Chapter is guided by us volunteers, the more people involved the better our ideas for progressing our offerings and the smoother we run. Please consider volunteering for one of these positions for the coming year(s).

Our 2020 National meeting will be here sooner than we think. Several members volunteered to be part of the planning committee during the proposal, but times change and some of these folks are no longer in the area. Several people have come forward but there is still much to do. If you are interested in contributing, please reach out to Linda Marks and/or myself. Additional information will be provided at our upcoming monthly meeting.

As a reminder once again, our 61st AEG Annual Meeting / 13th IAEG Congress is scheduled for September 15th to the 23rd, at the Hyatt Regency in San Francisco. Registration is now open – be sure to register today! For meeting information and updates visit www.aegweb.org/SanFrancisco2018. We are literally trying to give two free trips to the event to two lucky students, please either submit the application form (which will be included in the newsletter) or encourage a student to do so.

I look forward to seeing everyone at our May meeting!

Mark Swank, CEG
AEG Oregon Chapter Chair



"Keen observation is at least as necessary as penetrating analysis"

Karl Terzaghi

"The earth is large and old enough to teach us modesty."

Hans Cloos



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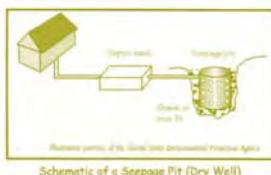


Illustration courtesy of the U.S. Geological Survey, Water Resources Agency

Schematic of a Seepage Pit (Dry Well)

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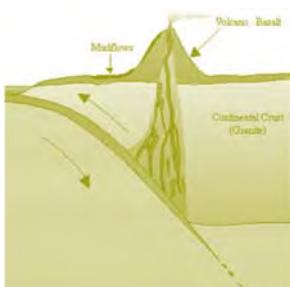
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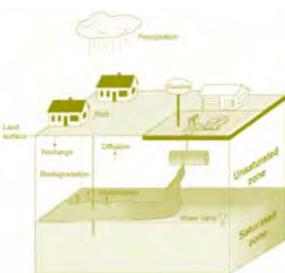
Karl Terzaghi



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Pictured: Vancouver Waterfront Redevelopment





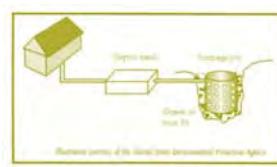
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Illustration courtesy of the U.S. Geological Survey, Professional Paper 180

Schematic of a Seepage Pit (Dry Well)

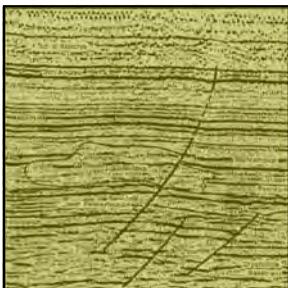


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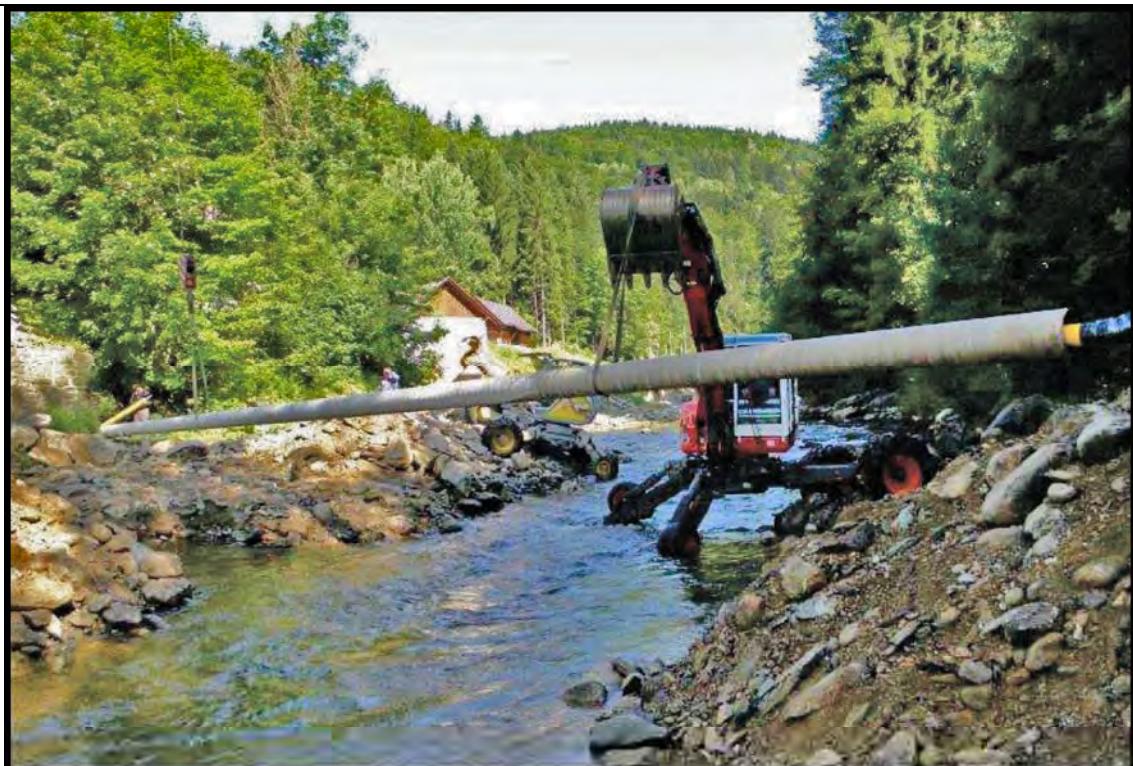
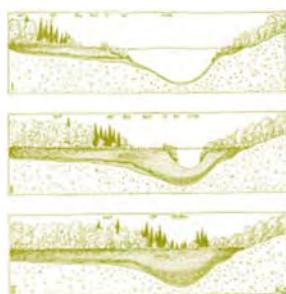
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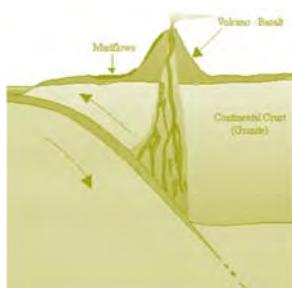
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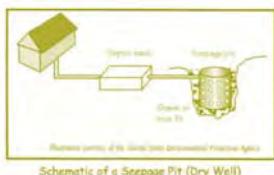
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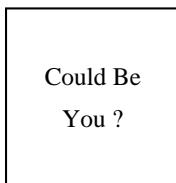
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The AEG Oregon Chapter Newsletter

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 OREGON CHAPTER NEWSLETTER is published monthly from September through May. Subscriptions are for members of AEG affiliated with the Oregon Chapter or other Chapters, and other interested people who have requested and paid a local subscription fee of \$10.00. E-mail subscriptions are free. News items are invited and should be sent to: Scott Braunsten, AEG Oregon Chapter Newsletter Editor, PBS Engineering and Environmental, 4412 SW Corbett Avenue, Portland, OR 97239, e-mail: scott.braunsten@pbsusa.com, phone (503) 417-7737. Electronic media is preferred. Deadline for submittal is the 25th of the month. Advertising: business card \$100/yr; 1/4 page \$200/yr; 1/2 page \$350/yr; 1 page \$450/yr.

