

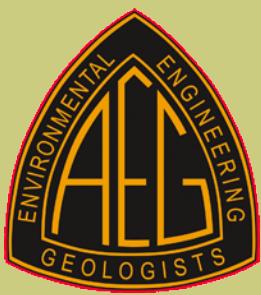
The Official

AEG OREGON CHAPTER NEWSLETTER

<http://www.aegoregon.org>

<u>MEETING DETAILS</u>	
Date:	Tuesday, Dec 17, 2019
Location:	Old Market Pub 6959 SW Multnomah Blvd Portland, OR 97223
Evening Agenda:	6:00 pm Social Hour 6:45 pm Dinner 7:30 pm Presentation
Reservations:	aeg-or-2019-12.brownpapertickets.com \$25 Private Industry \$20 Public Agencies Free for Students
Deadline:	12 noon Monday, Dec 17, 2019

<u>UPCOMING MEETINGS:</u>	
Jan 21 st	Joint ASCE (TBD)
Feb 18 th	Tim Shevlin (GeoBrugg)
Mar 17 th	Jahn's Lecturer
Apr 21 st	TBD (Share your knowledge)
May 19 th	Student Poster Night



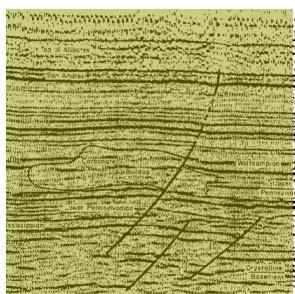
RCRA Requirements for Hazardous Waste Land-based Units

Speaker: Cynthia Palomares, P.G., P.E., AEG President

The Resource Conservation and Recovery Act (RCRA) was passed by Congress in 1976 to regulate hazardous waste from its development to its disposal. RCRA requires that all hazardous waste disposed of in land-based units must meet certain criteria to ensure protection of human health and the environment. Land-based units that manage hazardous waste may include landfills, surface impoundments, waste piles, and land-treatment units. Requirements for land-based units include criteria for siting, design, operation, and closure. In addition, hazardous waste must be treated to meet certain standards before disposal in land-based units. As discussed in this case study, proper siting, design, and operating standards for a hazardous waste landfill in Texas will help ensure protection of human health and the environment.

Bio: Cynthia D. Palomares P.G., P.E., AEG President

Cynthia D. Palomares is currently an Adjunct Instructor for the Texas A&M University, Texas Engineering Extension Service in College Station. As an adjunct instructor, Ms. Palomares conducts training courses for environmental professionals for certification of Hazardous Waste Operations and Emergency Response. Prior to her work as an adjunct Instructor, Ms. Palomares was a Project Manager for the Texas Commission on Environmental Quality in Austin from 1993 until her retirement in 2016. As a project manager in the Industrial & Hazardous Waste Permits Section, Ms. Palomares reviewed and evaluated hazardous waste permit applications for both regulatory and technical completeness to ensure compliance with applicable hazardous waste, radioactive waste, and Texas Risk Reduction Program rules and regulations. Prior to her position as a project manager in the I&HW Permits Section, Ms. Palomares conducted technical reviews and processed applications for underground injection control (UIC) and in-situ leachate uranium mining facilities in the UIC/Radioactive Waste Section of the TCEQ. Prior to employment with the TCEQ, Ms. Palomares was employed as a staff scientist for Westinghouse Hanford Company in Richland, Washington for three years. (Continued...)



Cynthia D. Palomares P.G., P.E., AEG President Bio: Continued...

Ms. Palomares earned both a Bachelor of Science and Master of Science in Engineering Geology from Texas A&M University in College Station, TX. She is both a Licensed Professional Geologist and Licensed Professional Engineer in Texas.

Ms. Palomares joined AEG in 1986 as a student member of the Lone Star student chapter at Texas A&M University. In 1990, she was awarded the “Best Student Presentation Award” at the Texas Section Spring Meeting. In 2011, she was awarded the “Floyd T. Johnston Outstanding Engineering Geologist Award” at the Texas Section Fall Meeting. Service to AEG includes the following positions: Lone Star Student Chapter Officer (1986-1990), Washington Section Field Trip Coordinator (1991-1993), Texas Section Treasurer (2001-2003), Texas Section Vice-Chair (2004-2006), Texas Section Chair (2007-2009), Texas Section Past Chair (2010-2012), 2010 Shlemon Specialty Conference Chair on “Gulf Coast Subsidence and Sea-level Rise”, Governance Committee member (2010-2012), Section/Chapter Support Committee Chair (2012-2016), AEG Strategic Planning Committee Co-Chair (2014 - 2016), AEG Secretary (2016-2017), AEG Treasurer (2017-2018), AEG Vice-President (2018-2019) and President (2019-2020).

“Keen observation is at least as necessary as penetrating analysis”

Karl Terzaghi

Message from the Chair

On behalf of the Oregon Chapter Board we wish you all a happy holiday season. We hope your Thanksgiving was a festive family and friend filled event.

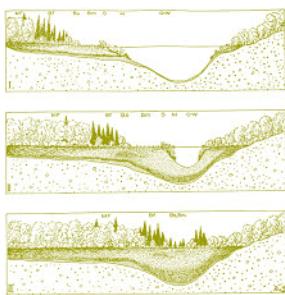
Thanks to those that were able to attend the November meeting to hear Collin McCormick discuss his landslide project in northern Idaho. Thanks to Collin for stepping in to fill the missing speaker position. Special thanks to Western States Drilling for the last minute sponsoring of the refreshments.

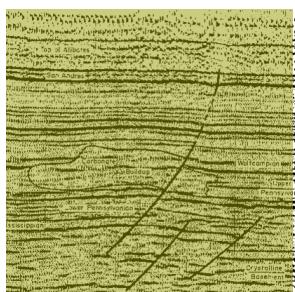
This month we have the AEG National president, Cynthia Palomares for our presenter. She will be updating the Chapter on National news as well as presenting on Resource Conservation and Recovery Act (RCRA) requirements. Please join us on December 17 th and show our support for AEG.

The end of the year is a busy time. If you have a free moment, please renew your membership for 2020. Our memberships help support the Chapter and keep the national organization vibrant. As always your support of the Chapter and AEG is appreciated.

Thank you for being the most important part of AEG.

Ben George
Oregon AEG Chapter Chair





AEG Membership update

A friendly reminder that AEG membership renewal time is upon us. Please renew for the 2020 season. Included with the membership is a 20% discount on all special publications, registration fees at meetings, short courses, and field trips. This has a particular benefit this coming season with the 2020 National AEG meeting in Portland this next season. Sounds like a good time to have your membership fully up and running. A special note to Students and Post Graduates. Student membership is free and Post Graduate Student members get the benefit of a discounted membership for their first year out of school.

Geology Quiz

Did you know that the Blue Mountains province located in North Eastern Oregon was created by the collision of several “exotic terranes”. Several granitic intrusions appear to hold these terranes together. Do you know what they are called?

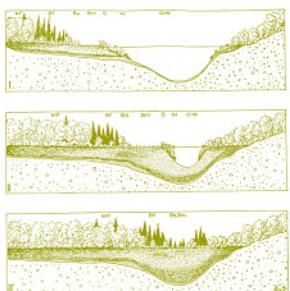
- A) Knitting Plutons
- B) Stitching Plutons
- C) Melding Plutons



Image: Blue Mountains, Oregongeology.org

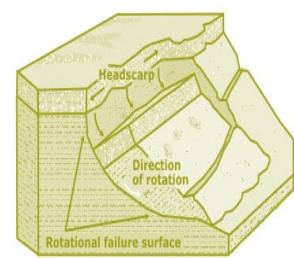
“Keen observation is at least as necessary as penetrating analysis”

Karl Terzaghi



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

Hans Cloos



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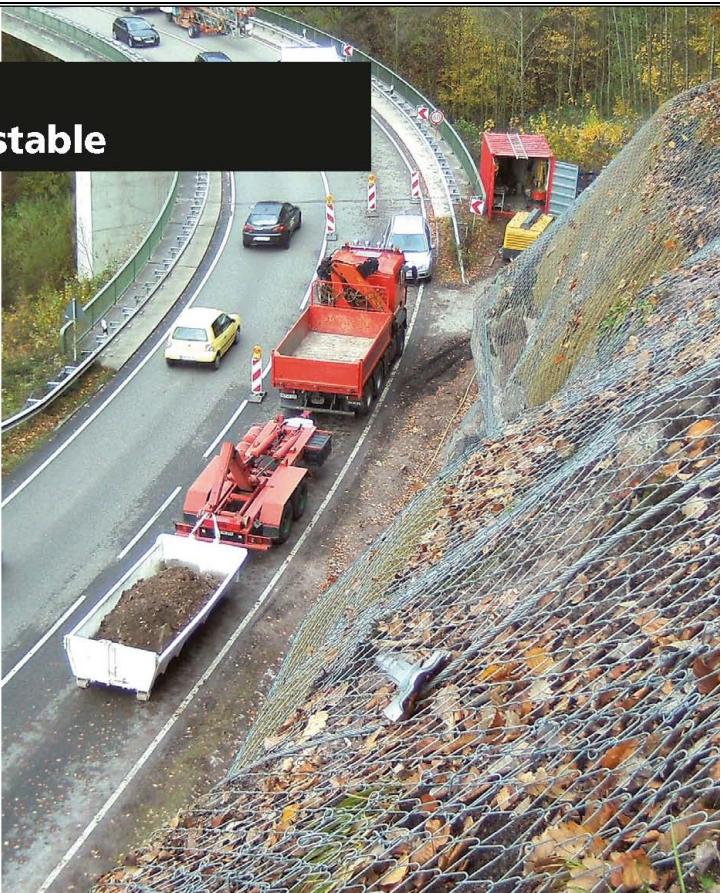
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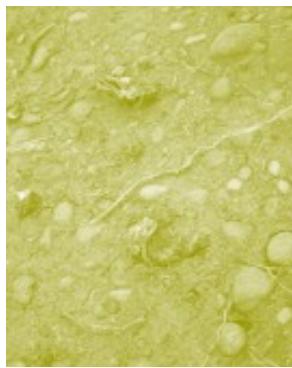
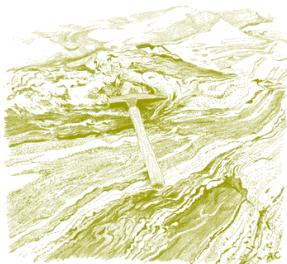
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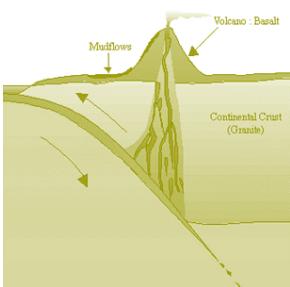


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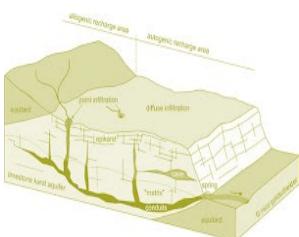
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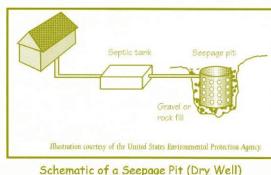
A photograph of a construction site. A yellow lattice-boom crane is positioned on a dirt area next to a concrete foundation. In the background, there are logs stacked and some trees. The sky is overcast.

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A photograph of an orange and white helicopter flying over a large, rocky cliff face. The helicopter is positioned in the upper left of the frame, with the cliff face extending to the right.

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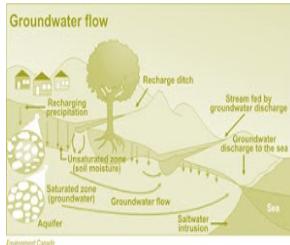
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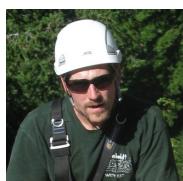
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"A soil adapted to the growth of plants, is necessarily prepared and carefully preserved; and, in the necessary waste of land which is inhabited, the foundation is laid for future continents, in order to support the system of the living world.."

James Hutton

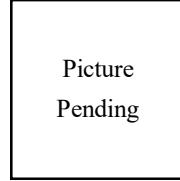
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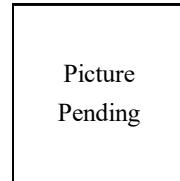
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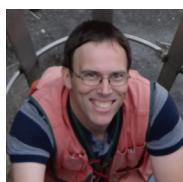
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The AEG Oregon Chapter Newsletter

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: Ben George, AEG Oregon Chapter Chair-Elect, Cornforth Consultants, Inc., 10250 SW Greenburg Road, Suite 111, Portland, OR 97223, e-mail: bgeorge@ccilt.com, phone (503) 452-1100. Electronic media is preferred. Deadline for submittal is the 25th of the month. Advertising: business card size \$100/yr; 1/4 page \$200/yr; 1/2 page \$350/yr; 1 page \$450/yr.

