



The Official

OREGON SECTION AEG NEWSLETTER

<http://www.aegoregon.org>

April Meeting Details
Tuesday, April 16th
Location: Old Market Pub
6959 SW Multnomah
Portland, Oregon
6:00 pm Social
7:00 pm Dinner
Presentations throughout the night
Dinner: Pizza & Salad
\$20 Dinner (\$5 Students)

Reservations:
mwegner@corforthconsultants.com
with "AEG Reservation" in
the subject line or 971-222-
2047 by 4pm Thur. Apr. 11

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

Upcoming Meetings:
May 14th James McCaplin



The April Meeting is the Annual Student Night!

- *Meteorite identification: thin sections, optical microscopy, geo-spatial software, and statistical analysis* – Jon Barnes, Department of Geology, Portland State University

- *Glacial Geology of the Idyllwild-Pine Cove Region of the San Jacinto Mountains, California* – Steven Bernsen, Department of Geology, Portland State University

- *An investigation of the dielectric properties of various igneous rocks* – Steven Bernsen, Department of Geology, Portland State University

- *Classification of the mesosiderite meteorite CML0612* – Karla Farley, Department of Geology, Portland State University
- *Chemical characterization of lava vents responsible for the Picture Rock Basalts at Egli Rim in south central Oregon* – Sean M. Gallagher, Department of Geology, Portland State University

- *A pyroxene-enriched shock melt dike in the Buck Mountains 005 (L6) chondrite* – Ryan Brown, Melinda Huston, and Alex Ruzicka, Cascadia Meteorite Laboratory, Department of Geology, Portland State University

- *Nutrient dynamics and primary production in a pristine coastal mangrove ecosystem: Andaman Islands, India* – Emily Jenkins¹, K. Nickodem², A. Siemann², A. Hoehner³, P.V. Sundareshwar⁴, R. Ramesh⁵, R. Purvaja⁵, K. Banerjee⁵, S. Manickam⁵, H. Haran⁵, ¹Department of Geology, Portland State University, ²Civil Engineering & Geological Sciences, University of Notre Dame, ³Earth Sciences, SUNY-Brockport, ⁴Institute of Atmospheric Sciences, South Dakota School of Mines and Technology, ⁵Institute for Ocean Management, Anna University, Chennai, India

- *A comparison of geology to radon test data in Portland, Oregon* – Tamara Linde, Kassandra Lindsey, Hilary Whitney, Selicity Icefire, Deborah Theisen, Scott Burns, Department of Geology, Portland State University

- *Radon hot spots in Oregon and the underlying geology* – Kassandra Lindsey, Tamara Linde, Hilary Whitney, and Dr. Scott Burns, Department of Geology, Portland State University

- *Revisiting volcanology and composition of rhyolites and associated REE rich mafic clasts of the Three Fingers Caldera, SE Oregon* – Philip Marcy¹, Martin Streck¹, Mark L. Ferns², ¹Department of Geology, Portland State University, ²Science Department, Eastern Oregon University

- *Fracture propagation and tidal fluctuation at Kamb Ice Sheet grounding line in West Antarctica* – Megan Masterson, Marin Klinger, Christina Hulbe, Department of Geology, Portland State University

- *Hydraulic fracturing comparison and the effects on their watershed* – Bryant Ruiz, Department of Geology, Portland State University

- *Variations in arsenic mobility and occurrence in high silica ash tuffs* – Courtney Savoie, R. Benjamin Perkins, Martin Streck, Department of Geology, Portland State University

- *Investigation of rising groundwater level observed at McMenamins Edgefield in Troutdale, Oregon* – Ann Stansbary¹, Emily Jenkins¹, Austin Carnes², Kysa Cronrath³, Scott Burns¹, ¹Department of Geology, ²Department of Environmental Science and Management, ³Department of Civil and Environmental Engineering



Message from the Chair

Hello everyone!

I hope you all enjoyed meeting Matt Morris, our National AEG President, at the March meeting. Matt's rock slope stabilization presentation was entertaining and informative. Matt, we know you've been an exceptionally busy man these days, and we appreciate you making the time. Keep up the good work for the organization.

OK, there has been plenty of notice...Let's see an extraordinary turn-out of professionals at the April meeting for the Student Presentation Night! Ann Stansbary and Emily Jenkins, and all the students involved this year, have put a lot of effort into the evening. As I mentioned at the March meeting, a few of the students will be sharing a PowerPoint presentation of their research posters during the time posters are being evaluated for awards. This will be much more interesting than waiting around to hear about the awards. And I promise that it won't take as long this year to decide on those awards as it did last year! Unfortunately, Steve Taylor and his students from WOU won't make the meeting this year (due to logistics and an April rather than May meeting). We look forward to them joining us next year.

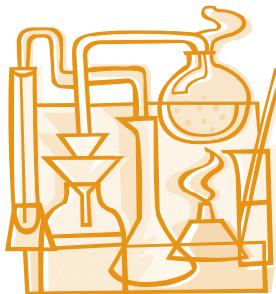
Don't forget – if you are a GSA Member, you have until April 6th to vote for our very own Tom Kuper for GSA Council at http://www.geosociety.org/aboutus/vote_LIVE.htm!

Hope you are enjoying the warm and sunny weather. Nice, isn't it?

See you soon,

Robin

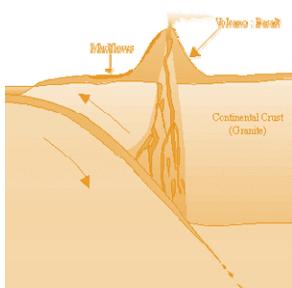
Message from the PSU AEG Student Chapter



Portland State University's AEG Student Chapter has ended Winter term with two major events. The first annual Resume Workshop was held on February 27th which was an opportunity for students to fine-tune their resume. The two guest speakers included graduate student, Matt Lancaster and Student Employment Advisor from the Art Institute of Portland, Pamela Nelson-Gordon. Matt spoke about writing resumes and Pamela spoke about internships, interviews, and other employment tips. After our guest presentations were complete, there was one-on-one resume review time. Two additional guests who came to PSU to give students one-on-one feedback were Kevin Schleh, R.G., C.E.G., Senior Engineering Geologist of Geocon Northwest, Inc. and Cindy Hovind, PE GE, owner of Terra Dolce Consultants, Inc. The one-on-one resume review portion of the event went so well that both students and guests stayed an additional hour to continue. PSU AEG Student chapter would like to thank Kevin Schleh and Cindy Hovind for taking the time to help students and making this first annual Resume Workshop a huge success.

On March 7th, PSU AEG Student Chapter held their annual AEG Career Night which allows students to learn about different career paths within the Geology field. Three guest speakers for this event included Dulcy Berri, Principal Hydrogeologist of PBS Engineering and Environmental, Stephen Hay, R.G., C.E.G., Engineering Geologist of Region 1 Geo/Hydro/Hazmat Unit of ODOT, and Cynthia Gardner, Geologist at Cascades Volcano Observatory. Each guest gave a 20 minute presentation about their career, what day-to-day work consists of for them and tips for geology students entering the field. Students also had a chance to ask questions as well as network with the guests over dinner and dessert. PSU AEG Student chapter would like to thank Dulcy Berri, Stephen Hay and Cynthia Gardner for taking the time to help students and for making the 2013 AEG Career Night a great success.

If you are a professional wanting to interact with students in our future events, please contact Ann Stansbary at ann.m.stansbary@gmail.com. PSU AEG provides parking passes, food and the opportunity to meet with fresh geology students who are excited about all things geology. PSU AEG Student chapter is looking forward to the upcoming AEG Student Presentation Night taking place April 16th when the students get a chance to present their active research projects to local professionals. This event is a highlight for students but only a success if local professionals come to participate as well.

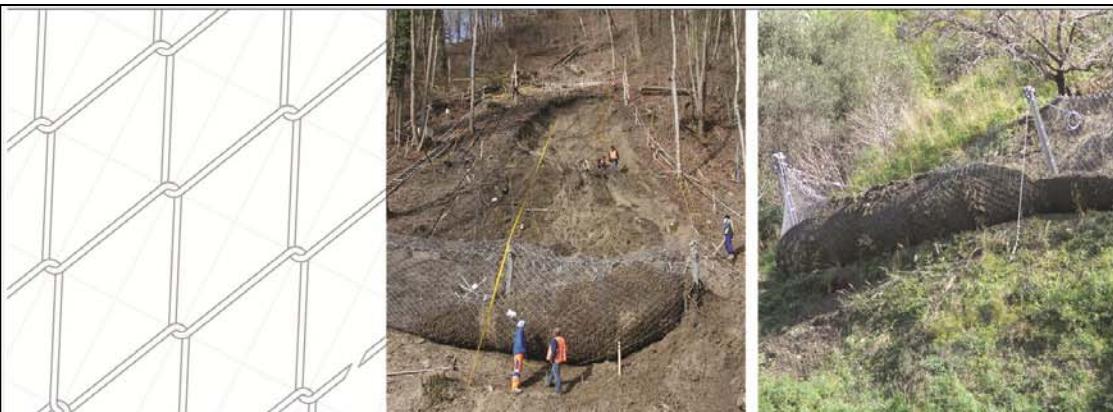
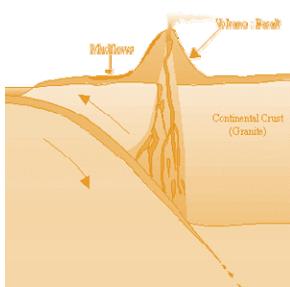


Thank you so much for all of your support.

Best Wishes,

Ann Stansbary

PSU AEG Student Chapter President



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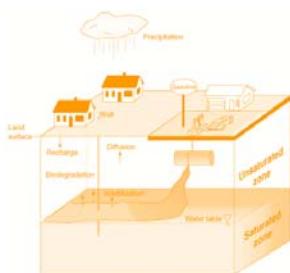
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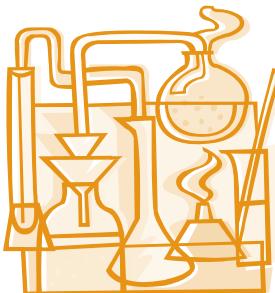
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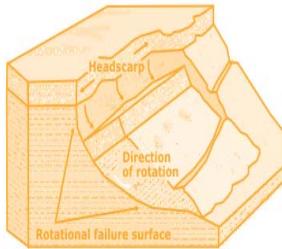
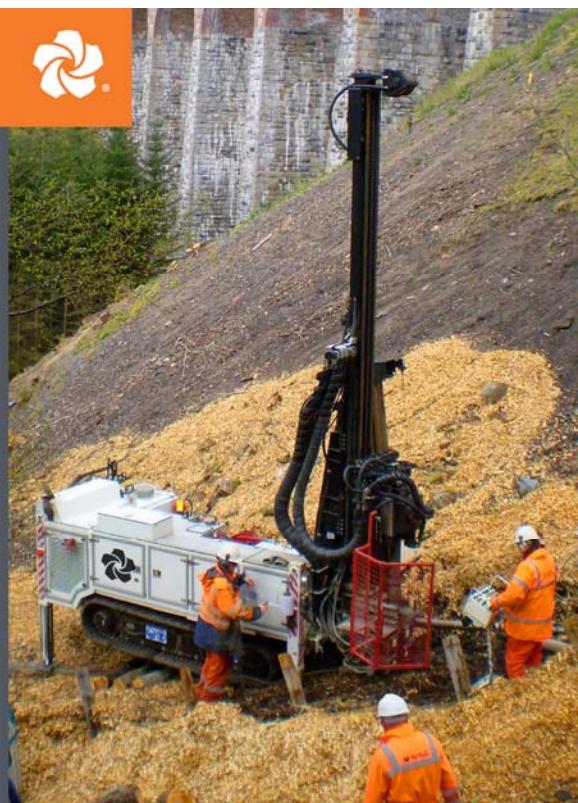
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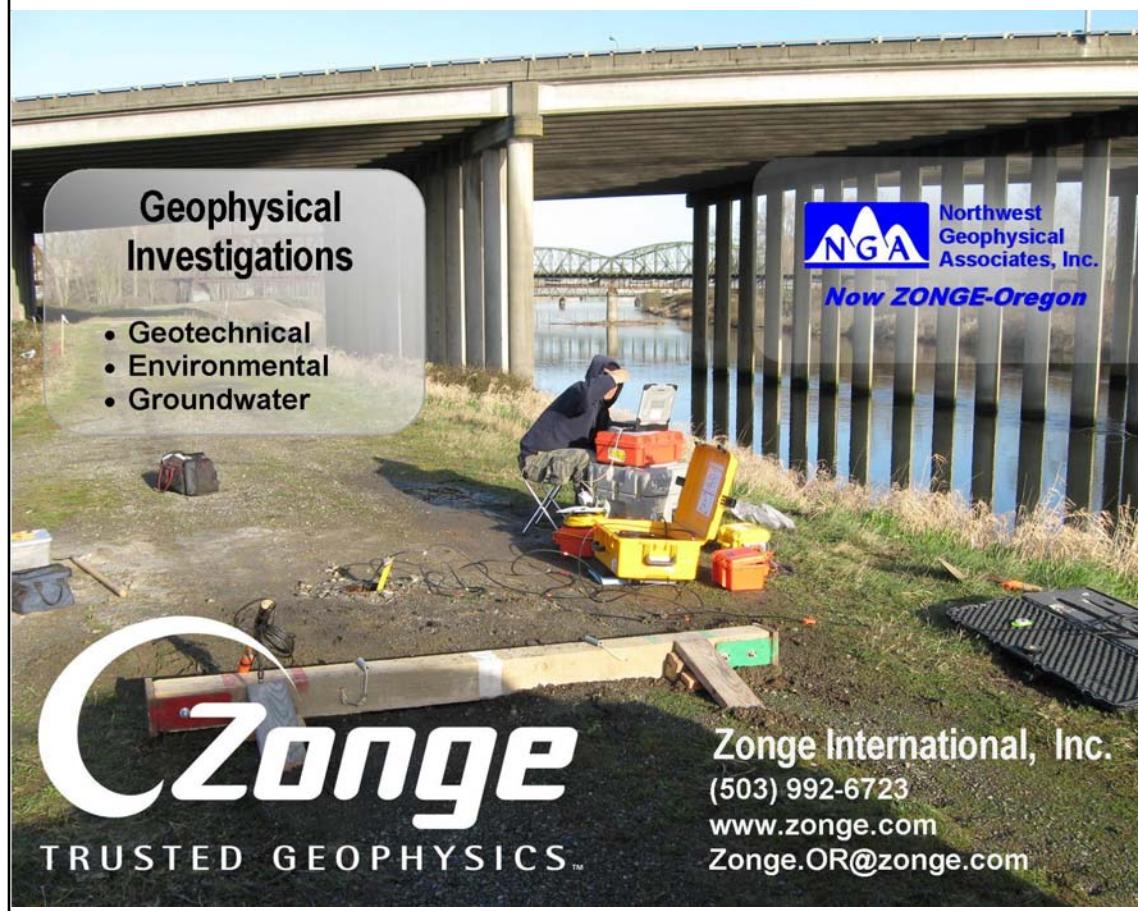
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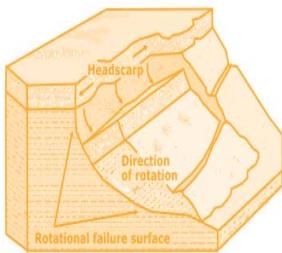
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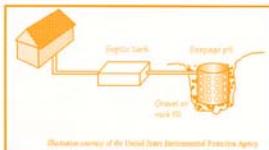
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(Illustration courtesy of the United States Environmental Protection Agency)

Schematic of a Seepage Pit (Dry Well)



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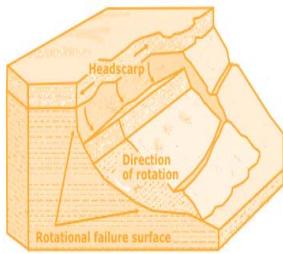
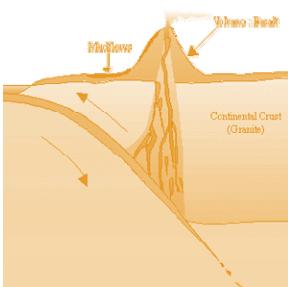


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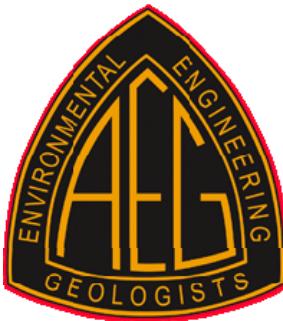
PBS Engineering and Environmental

Portland State University

The Oregon Section Newsletter

OREGON SECTION AEG NEWSLETTER is published monthly from September through May. Subscriptions are for members of AEG affiliated with the Oregon Section or other Sections, 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, OR Section AEG Newsletter Editor, PBS Engineering and Environmental, 4412 SW Corbett Avenue, Portland, OR 97239, e-mail: scott.braunsten@pbsenv.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. Please notify Scott if you have a change to your email or mailing address.

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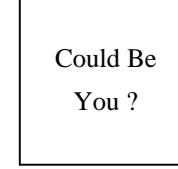
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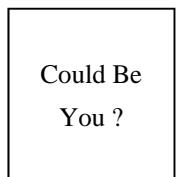
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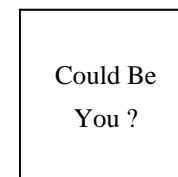
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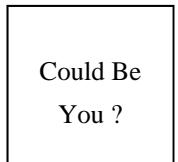
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