



OREGON SECTION OF THE ASSOCIATION OF
ENVIRONMENTAL & ENGINEERING
GEOLOGISTS

February 2012

Volume 12, Number 6

The Official

OREGON SECTION AEG NEWSLETTER

<http://www.aegoregon.org>

February Meeting Details

Tuesday February 21st

Location: Old Market Pub

6959 SW Multnomah

Portland, OR

6:00 pm Social

7:00 pm Dinner

7:30 pm Presentation

Dinner: Pizza & Salad

\$20 Dinner (\$5 Students)

Reservations:

mwegner@cornforthconsultants.com
with "AEG Reservation" in
the subject line or 971-222-
2047 by 4pm Thur. Feb 16

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

Upcoming Meetings:

Mar 20th Tom Pierson
Apr 17th Jennifer Bauer
May 15th Student Poster Night



Overview of the DOGAMI Landslide Program – SLIDO r-2

Guest Speaker: Bill Burns

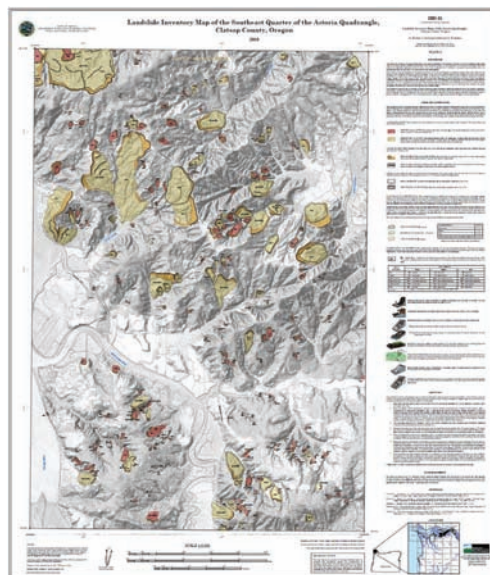
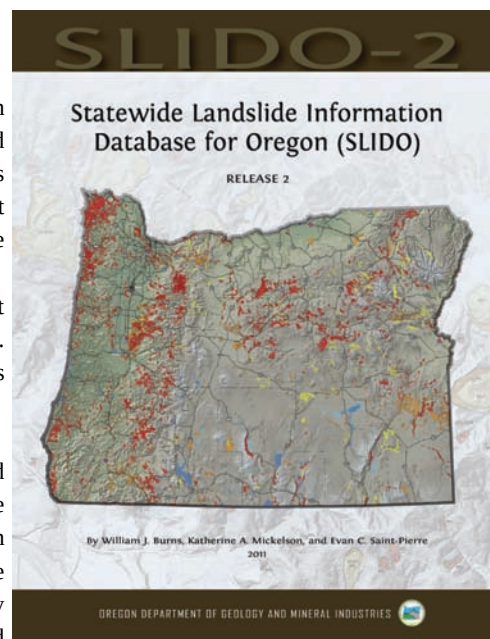
Note: Zonge will be
Hosting the Beverages

One of the most common and devastating geologic hazards in Oregon is landslides. Landslides often remain in a weakened state and can fail repeatedly. The locations of existing landslides are always the first step during the planning and detailed site evaluation stages of any project in a potential landslide area. The locations and attributes of existing landslides will also assist DOGAMI in creating susceptibility hazard maps in the future. Thus, creating a landslide inventory is critical and making this inventory data easy to access by everyone is also important.

Recent research at the Oregon Department of Geology and Mineral Industries (DOGAMI) was performed to choose the best remote sensing dataset to use as a primary tool to begin systematic mapping of landslides in Oregon. One of the conclusions of this recent research was to systematically compile all previously mapped landslides from geologic and hazard maps statewide. This new GIS database, Statewide Landslide Information Database of Oregon (SLIDO), can serve as a starting place for future landslide studies and as a place to house lidar-based landslide inventories (Burns, 2007).

Recent improvements to the SLIDO include the addition of any recent publications that included landslide polygon locations. This update included years 4, 5, and 6 of the Oregon Geologic Data Compilation (OGDC statewide), several other large geologic compilations including the Willamette Valley and Prineville studies, and many other studies detailed in this report. Another improvement included the addition of landslide polygons mapped following the new lidar-based landslide inventory protocol (DOGAMI SP-42) and published as DOGAMI Interpretive Map Series (IMS). Other additions included a compilation of historic landslide points.

This talk will focus on the use of lidar and other techniques to improve the landslide inventory in Oregon as well as an overview of the SLIDO r-2 database.

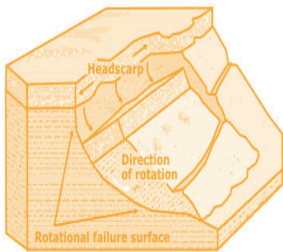




Bio: William (Bill) J. Burns, MS, CEG

Bill grew up in Evanston, IL, a suburb of Chicago. He attended Florida State University where he earned his bachelor degree in geology and then Portland State University for his master degree in geology. While working on his master's, he was a research assistant on a study of landslides impacting the Portland METRO from the storms of 1996-97. His master's thesis was on the Engineering Geology and Relative Stability of an area in Oregon City, Oregon.

Bill is a registered Professional Geologist (RPG) and Certified Engineering Geologist (CEG) in Oregon and Washington. He spent roughly 10 years consulting as an engineering geologist in Oregon and Washington before his current position as Landslide Geotechnical Specialist at the Oregon Department of Geology and Mineral Industries (DOGAMI). He has spent the last 8 years at DOGAMI working on research related to earthquake, landslide, and volcanic hazards in Oregon. Bill is also an active member of the Association of Engineering Geologist (AEG) and the Geological Society of America (GSA). He is the proud husband of his wife Amy and father of his two children, Isabelle and Ned.



NGA Joins Zonge and Will Host the Beverages at the February Meeting

Northwest Geophysical Associates, Inc. (NGA) and Zonge International, Inc. (Zonge) are pleased to announce the acquisition of NGA by Zonge. Zonge is proud to add NGA's 30 years of expertise in geophysical services to their organization. Zonge plans to retain personnel, operations and the Portland office location of NGA. During the next year they will bring in other administrative and geophysical service support that only Zonge can provide. This partnering of NGA with Zonge will broaden the geophysical service capabilities within the U.S. and internationally for current and future clients. Dr. Rowland French, the past President of NGA, will remain as a chief geophysicist for the Portland office.

Message from the Chair

I hope everyone has started off with a good new year. As some may be aware, Zonge International recently acquired Northwest Geophysics, and they will be hosting the beverages during the social hour of the February meeting to promote their expanded services and capabilities.

Bill Burns of DOGAMI will present on recent revisions to SLIDO, which is the Statewide Landslide Information Database for Oregon. SLIDO was created to improve our understanding of the landslide hazard in Oregon and to create a statewide base level of landslide data. Bill has been instrumental with the development and revisions to this program, which has helped to improve our understanding of landslides and mitigation strategies in Oregon.

The Oregon Section is still in the process of developing a mini-proposal in an effort to host the 2018 IAEG meeting in Portland. A group of interested members met in December, and have been collaborating on obtaining and compiling the necessary information. The mini-proposal is due this March. Any other members who are interested in contributing to this effort are welcome to join the group.

I look forward to seeing you at the February meeting.

Sincerely,

Kevin Schleh, R.G., C.E.G.
AEG Oregon Section Chair



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

Karl Terzaghi



CALL FOR SYMPOSIA 2012 AEG ANNUAL MEETING, SALT LAKE CITY

The Intermountain Section of AEG is currently preparing for the 55th Annual Meeting, which will be held in Salt Lake City, Utah, September 15-23, 2012. Our theme for this meeting is Ascending to Greater Heights...Elevating our Profession. We look forward to hosting AEG to share our stunning local geology during our best season of the year.

As Symposia and Technical Sessions Committee Co-chairs, we (Greg Schlenker and Gary Christenson) are contacting you to solicit ideas, topics, and prospective conveners for symposia. Your help in identifying topics and individuals interested in organizing symposia is greatly appreciated. Symposia leaders (organizers) are responsible for providing topics for symposia, inviting speakers, soliciting abstracts, and presiding over sessions.

The symposia schedule will coincide with regular technical session schedules. The first call for abstracts (submittal deadline April 1, 2012) will be posted in the spring issue of the AEG News. Interested symposia leaders should contact us gschlenker@gcsgeoscience.com; garychristenson1@comcast.net with any questions, and provide a proposal listing the title, a brief summary of the subject (for use in announcements), projected session length, and a possible invited speaker line-up. Please submit these proposals to us by February 1, 2012.

Sincerely,

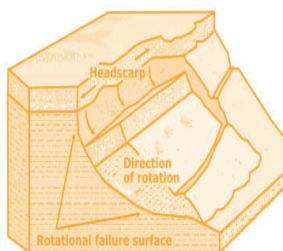
Greg Schlenker and Gary Christenson
AEG 2012 Annual Meeting Technical Program Co-Chairs

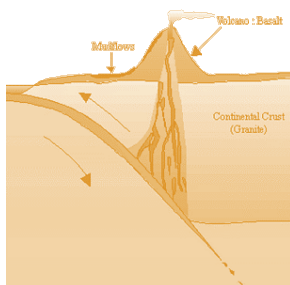
GSA Environmental & Engineering Geology Division - Annual 2012 Meeting

The GSA Environmental & Engineering Geology Division would like to invite you to participate in the upcoming GSA Annual Meeting in early November 2012 in North Carolina. <http://www.geosociety.org/meetings/2012/>. They will likely have topical sessions at this meeting focused on insights into geologic processes and hazards acquired through recent advances in technology. 2012 is the 65th anniversary of the Environmental & Engineering Geology Division and they will be highlighting this accomplishment and hope you can celebrate with them!

AWG's 35th Anniversary Convention- A Lifetime of Leadership

This year, the Association for Women Geoscientists' (AWG) 35th anniversary convention will be held in downtown Hartford, CT on March 16-17, just ahead of GSA's NE section meeting. The convention will be celebrating "A Lifetime of Leadership" with evening receptions honoring AWG Presidents and Leaders, an afternoon field trip, several workshops and speakers. It will also be a great opportunity for attendees to develop some professional skills, meet fellow AWG members and nonmembers, including those who are currently serving, or have served, on the Board of Directors or the AWG Foundation. Registration is available online and open to all! Sponsorship opportunities for the convention are also available to those who are interested. For more information about the convention or to register, please go online at- <http://www.awg.org/convention/convention2012.html>.





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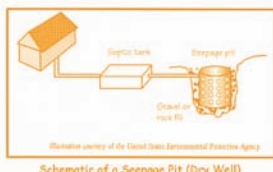
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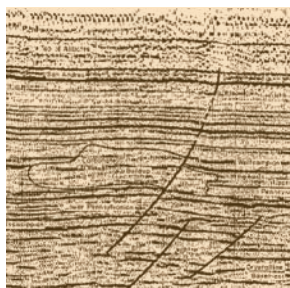


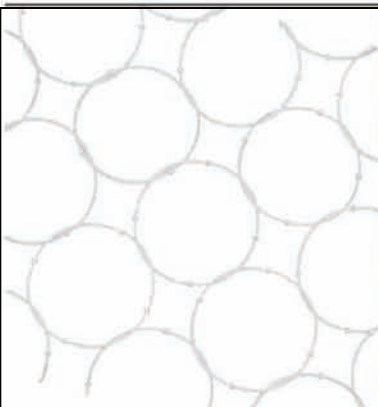
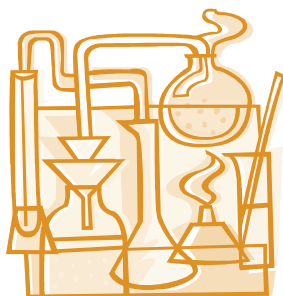
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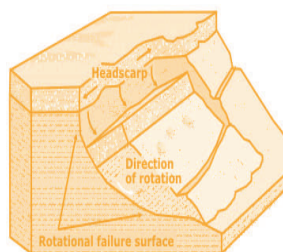


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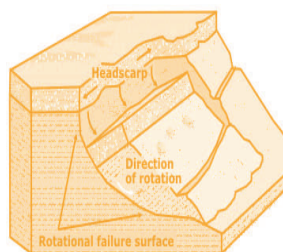
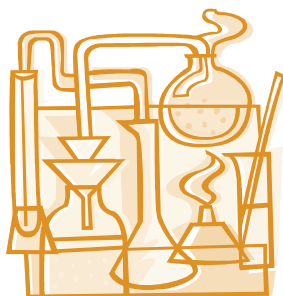
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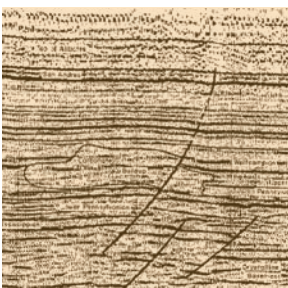
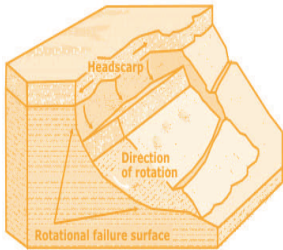
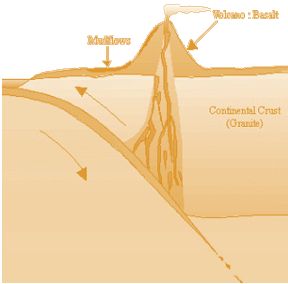
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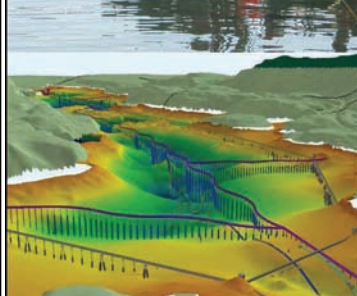
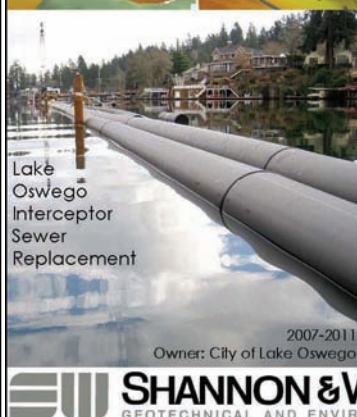
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Karl Terzaghi

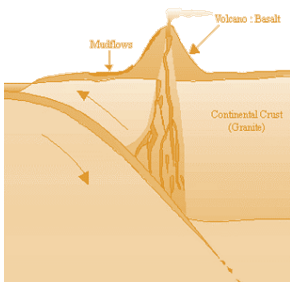
AEG PSU Student Chapter News

The PSU Student Chapter has hit the ground running this winter term. Tom Denney, former president of the Student Chapter has graduated! We wish him luck as he begins his career. Taking his place is former secretary, Ellie Brown. Fellow AEG member Ann Stansbeary was brought on board to fill out the ranks.

In January we were fortunate to have Jacob Neal, Project Scientist at Landau Associates, visit campus to speak to us regarding field practices in environmental consulting. He is an excellent speaker, and his presentation was informative and inspiring.

On February 10th we will be taking a trip to Major Drilling. This is the second year that Portland State students have had the opportunity to see a demonstration of drilling operations on site. Last year's trip was well attended, and we are hoping for the same this year.

The annual PSU Career Night will be held on Thursday, March 1st. We are currently looking for 3 to 4 professionals who are willing to share their stories with students and field lots of questions!

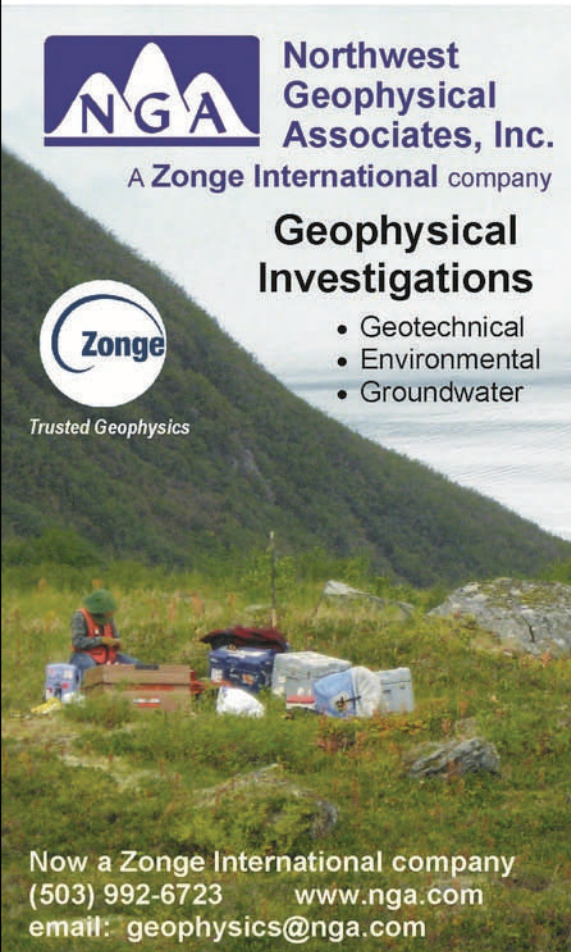


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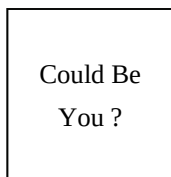
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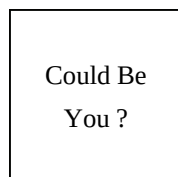
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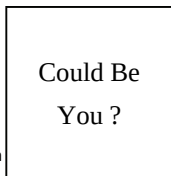
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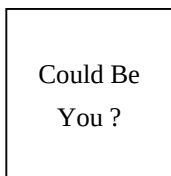
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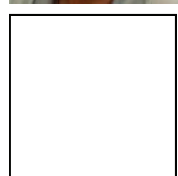
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The Oregon Section is also on the web at <http://www.aegoregon.org>
National AEG webpage: <http://aegweb.org>

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 + 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 20th of the month. Advertising: business card \$100/yr; ¼ page \$200/yr; ½ page \$350/yr. Please notify Scott if you have a change to your email or mailing address.

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.

