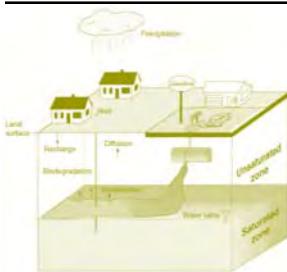


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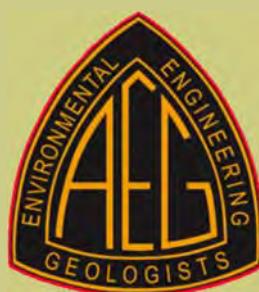
AEG OREGON CHAPTER NEWSLETTER

<http://www.aegoregon.org>



Upcoming Meetings:

Please contact the Oregon Section board with ideas, presenters, and topics for next season.



BALLOT FOR ELECTION OF OFFICERS AEG OREGON CHAPTER 2018-2019

Please indicate your vote by checking the box next to the candidate's name for each office or by writing in a name. Your ballot should be sent to Mark Swank (Chapter Past Chair) at: mswank@aspectconsulting.com or Mark Swank, c/o Aspect Consulting, 522 SW 5th Avenue, Suite 1300, Portland, Oregon 97204. Please return by July 20, 2018. The new slate of officers will be announced at the September meeting.

CHAIRPERSON

Christopher Humphrey

Chris has been active with Oregon AEG since 1993, initially as a PSU student member then later as a professional. He received his BS and MS in Geology from Portland State University. He has over 23 years of professional experience working in the field of engineering geology, specializing in geologic hazards, geomorphology and geotechnics. For 15 years Chris worked as a consulting engineering geologist with H.G. Schlicker & Associates, Inc. From 2009 through 2016 he worked for the U.S. Army Corps of Engineers in their Portland Geotechnical Design Section. Chris currently works for the Federal Energy Regulatory Commission (FERC) in their NW Regional Dam Safety and Inspections office here in Portland. From 2005 to 2011 Chris served as a Board Member with the Oregon State Board of Geologist Examiners. He is a Registered Geologist and Certified Engineering Geologist in Oregon and Washington.

(write in line _____)

CHAIR-ELECT

Benjamin George

Ben has been an active member of Oregon AEG since 2005. He received his BS and MS in Geology and Geological Engineering from the Colorado School of Mines in 2002 and 2004, respectively. Ben has been working as an engineering geologist/geotechnical engineer for 14 years specializing in geologic reconnaissance, geotechnical investigations, rock and soil slope stability, and rockfall mitigation. He currently works at Cornforth Consultants, Inc. (Landslide Technology). Ben is a Registered Geologist in Oregon and Wyoming, a Certified Engineering Geologist in Oregon, and a Professional Engineer in Oregon, Washington, Montana, Idaho and Alaska.

(write in line _____)

TREASURER

Michael Marshall

Mike has been attending AEG meetings since 2000 as student member and has been active in Oregon AEG ever since. Mike has served the Oregon chapter for the last 11 years as the Program Chair since 2007. He received his BS in Geology in 2003 and MS in Engineering Geology from Dr. Scott Burns. Mike has been working as an environmental geologist for 15 years and as an engineering geologist for the past 6 years specializing in soil and groundwater investigation and remediation, geologic reconnaissance, geologic hazard evaluations, geologic mapping, GIS modeling and analysis, landslide and rockfall evaluation and mitigation. He is currently employed by Geotechnical Resources Inc. (GRI) and is a Registered and Certified Engineering Geologist in Oregon and a Licensed Geologist in Washington.

(write in line _____)

SECRETARY

Nancy Calhoun

Nancy Calhoun is a natural resources specialist for the Oregon Department of Geology and Mineral Industries (DOGAMI). She received a Bachelor of Arts in geology from Colorado College and a Master of Science in earth sciences from Simon Fraser University, Vancouver, BC. Her Master's thesis focused on a giant, early Holocene landslide in the eastern Swiss Alps- the Flims landslide- and associated secondary mass movements. Nancy conducts landslide hazard mapping and risk assessments, and contributes to a variety of projects within the natural hazards and earth sciences group of DOGAMI.

(write in line _____)



Message from the Chair

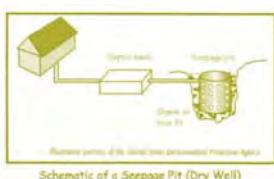
In a change from past years we have one more Message from the Chair with this newsletter. Also included are ballots for next year's officers, information about the (I)AEG meeting, and the Oregon Chapter's Student Annual Meeting Scholarship for attendance to the (I)AEG meeting in San Francisco.

What a great way to end our meeting year on such a high note! We had a tremendous amount of participation with highlights including:

- A fantastic number of student poster presentations with nearly 30 students presenting from three different schools: Western Oregon University, Portland State University, and Oregon State University. Thank you students for your hard work! There are some bright minds coming out of our Oregon schools.
- A meeting where the Oregon Chapter sponsored the dinner and the beverages were sponsored by PLI Systems, Inc., a local slope and foundation stabilization contractor.
- A presentation from Dr. Nick Zentner from Central Washington University, who Dr. Scott Burns referred to as "his hero", on the Bridge of the Gods Landslide, which attracted a large number of folks from the chapter and the strongholds of northwest geology fanatics that don't typically attend our meetings.

Dr. Zentner's dynamic and engaging presentation thrilled the audience with graphics and videos. The meeting had an estimated 135 attendees that crowded in the space as shoulder-to-shoulder standing room only elevated the room temperature. It was HOT! But it was worth it.

However, with this great turnout came a bad situation that is both very unfortunate and important for us to bring to light, address, and state clear guidance in the event of future occurrences. About a week after the meeting, members of the Board were contacted by one of our meeting attendees and let it be known she was sexually harassed several times over the course of the evening by another attendee. Although the harasser was clearly rebuffed, the harassment continued. The Board appreciates that the unacceptable behavior was brought to our attention.



Needless to say, this is not an atmosphere we (the Board, our Oregon Chapter, and AEG National) will allow during our meetings. We are taking several steps to address this current situation and are discussing ways to establish measures to prevent future harassment. These steps include providing more contact information in our newsletter and on our website for people that may be harassed, or who are witnesses to harassment, so that they may contact the Board after meetings, anonymously if desired. We are establishing protocols so our attendees know what they can do or who to turn to if they feel they are being harassed or are witnesses to harassment during a meeting or event. For example, anyone (whether the person on the receiving end of harassment or an observer) can come to a Board member during a meeting to let them know about the situation. Beginning next year, Board members will include their position (e.g. Chair) on their name tags for easier identification. Headshot photographs of each Board member are presented on the last page of our monthly newsletter.

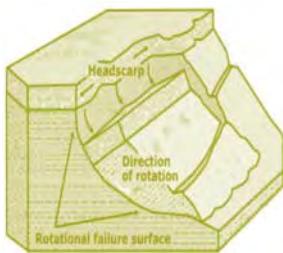
Although it is hard to fathom that this harassment would occur to someone in our fairly small community of professionals and students during one of our meetings, we are constantly reminded that no place is too small or people know each other too well for things to happen. The individual that was harassed did not know who to turn to in the moment and that is something we as a Board and a Chapter should move to change. Please be inclusive and respectful to everyone at our meetings and take the time to get to know each other to help prevent harassment from happening again.

The next few pages include AEG's Anti-Discrimination and Anti-Harassment Policy that everyone is responsible for upholding. This policy will be reiterated at our September meeting and as we feel is appropriate in the long-term.

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

Karl Terzaghi

Mark Swank, CEG
AEG Oregon Chapter Chair



AEG Operating Policy—Anti-Discrimination and Anti Harassment

AEG has an Anti-Discrimination and Anti-Harassment Policy that was adopted back in 2007 and was most recently updated at the AEG Board of Directors meeting in September 2017. It is part of the AEG Operating Policies and is available online, starting on pdf page 25:

https://cdn.ymaws.com/www.aegweb.org/resource/resmgr/AEG_Operating_Policies_-_Upd.pdf.

Policy VI.1

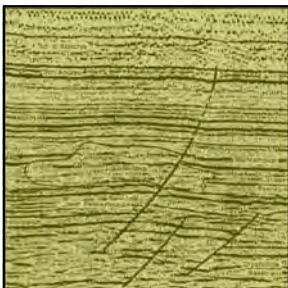
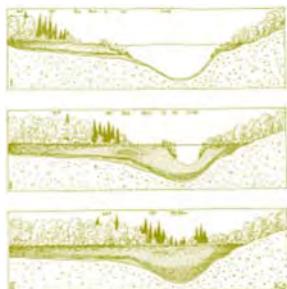
Adopted Date: 04/22/2007

Revision Date: 09/16/2017

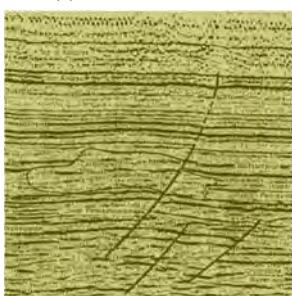
Title: Anti-Discrimination and Anti-Harassment

Purpose: AEG is committed to equal opportunity for all persons regardless of sex, age, race, color, religion, creed, national origin, marital status or civil partnership, or sexual orientation. It is the policy of the Association to comply with all federal, state and local laws and regulations regarding equal opportunity. In keeping with that policy, AEG is committed to maintaining a professional association environment that is free of unlawful discrimination and harassment.

Statement: Equality and diversity are core AEG values. The Association aims to be open, transparent, inclusive, democratic, fair and free from discrimination to best meet the needs of all our members. AEG will not tolerate unlawful discrimination against or harassment of any of its members, staff, or others present at any of its functions or facilities by anyone, including Officers, Directors, staff, members, vendors, or non-member attendees at functions.



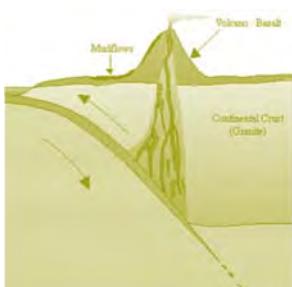
1. Unlawful discrimination includes treating someone less well in opportunities for work, AEG committee appointments, AEG governance positions, publication or presentation of papers, or other opportunities that AEG normally provides to its members, Officers, Directors, staff or consultants, because of a person's:
 - a. age,
 - b. disability,
 - c. race, ethnicity, or color,
 - d. national origin,
 - e. sex,
 - f. gender orientation or gender reassignment,
 - g. sexual orientation,
 - h. religion and/or beliefs,
 - i. disability,
 - j. marriage or civil partnership,
 - k. pregnancy, maternity/paternity leave, and nursing mother,
 - l. parenthood,
 - m. or other protected attribute.
2. Any person applying for Association membership will be treated fairly and without discrimination.
3. Harassment consists of unwelcome or unwanted conduct, whether verbal, physical or visual, that is based on a person's status as defined in Policy VI.1.1. Examples of prohibited behavior include words, gestures, stories, jokes or nicknames that are derogatory, demeaning or insulting to a person based on one or more of the attributes listed in Policy VI.1.1.
4. Sexual harassment deserves special mention. AEG absolutely prohibits sexual harassment of its members, employees, Officers, Directors or vendors, by any person associated with AEG in any manner. Sexual harassment may include: threats or insinuations that another person's refusal to submit to sexual advances will adversely affect that person's professional status or standing with the AEG; any unwelcome sexual advances, flirtations, or propositions in any AEG venue or context; any verbal abuse of a sexual nature, including jokes; the display of sexually suggestive objects or pictures in any AEG venue or context.
5. It is the responsibility of every member, Officer, Director, employee and vendor associated with AEG to cooperate in achieving the goals set forth in this policy. Engaging in any conduct prohibited by this policy will result in disciplinary action. For a member, such action may range from reprimand to expulsion from the AEG. For a contractor or volunteer, discipline may range from reprimand to termination of the relationship with AEG.



Oregon Chapter of AEG Student Award to Attend the 2018 Annual Meeting in San Francisco, CA

Two awards of \$1,500 each will be given to up to two Student Members of the Oregon Chapter of AEG meeting the following criteria:

- **Completion of the *Application for Student Award to Attend the 2018 Annual Meeting***
- Application submittal to the Oregon Chapter Board (board@aegoregon.org) due by 10 p.m. on Friday June 29, 2018.
- **Active AEG Oregon Chapter Student Membership** - Any Student Member of the Oregon Chapter is eligible for this award. If you are not currently a Student Member of AEG, you may register for free at www.aegweb.org.
- **Presenting at the (I)AEG 2018 Annual Meeting in San Francisco** - Abstracts for presenting at the 2018 (I)AEG Meeting must have be submitted online to AEG. Those people submitting abstracts should be notified by the AEG Technical Committee of acceptance by June 1, 2018. A copy of the notice of acceptance from the Technical Committee must be submitted with the application.
- **Essay (250 to 500 words)** - Describe in an essay your activities outside of the university classroom and demonstrate how these activities relate to your professional goals in geology. Activities might include attendance at geology-related meetings, professional field trips, mentorship experiences, volunteering in the community, working in a lab, etc.



Complete applications for this award are due no later than 10 p.m., Friday, June 29, 2018. Selection of the award winners is at the sole discretion of the Oregon Chapter Board. The Oregon Chapter Board reserves the right to not select a winner or winners if there are an inadequate number of submissions or if applicants do not meet the minimum requirements. We expect to decide on the winners of the award by July 11, 2018.

See the Application Form on the following page for submittal details.

Additional award opportunities are available to students, including:

- Complimentary registration from AEG to students who volunteer at the 2018 Annual Meeting.
- Various scholarship and grant opportunities through AEG Foundation (amounts vary), described at <http://www.aegweb.org/?page=ScholarshipsGrants>.



Not a Student?

Check out the Educators and Young Professional Travel Grants:
<http://www.aegannualmeeting.org/#!registration/ch6q>

Application for Oregon Chapter of AEG Student Award to Attend the 2018 (I)AEG Annual Meeting

Student Name: _____

AEG Student Member Number⁽¹⁾: _____

College/University: _____

Address (if your address will be different over the summer, please supply both your current and summer address, if applicable):

E-mail: _____

Phone number: _____

Title of Presentation⁽²⁾:

Attach a 250- to 500-word essay³ describing your geologic activities outside of the university classroom and demonstrate how these activities relate to your geologic professional goals. Activities might include attendance at geology-related meetings, professional field trips, mentorship experiences, volunteering in the community, working in a lab, etc.

1 - Student membership with AEG is free. An application is available at

<https://www.aegweb.org/page/JoinOrRenew>

2 - Submit a copy of your abstract with this application, and a copy of the notice from the AEG Technical Committee indicating your abstract was accepted for presentation at the 2018 (I)AEG Annual meeting.

3 - Attach essay and additional supporting documentation, if applicable.

Applications are due no later than 10 p.m., Friday, June 29, 2018. It is the intent of the AEG Oregon Chapter Board to select the award winners by July 11, 2018. Selection of the award winners is at the sole discretion of the Oregon AEG Board.

Please submit the application package via email to all five members of the Oregon Chapter Board:

Oregon Chapter Chair, Mark Swank

mswank@aspectconsulting.com

Oregon Chapter Chair Elect, Chris Humphrey

geohumphrey@yahoo.com

Oregon Chapter Treasurer, Ben George

bgeorge@CornforthConsultants.com

Oregon Chapter Secretary, Mike Marshall

mmarshall@gri.com

Oregon Chapter Past Chair, Stephen Hay

stephen56362@gmail.com

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Hans Cloos



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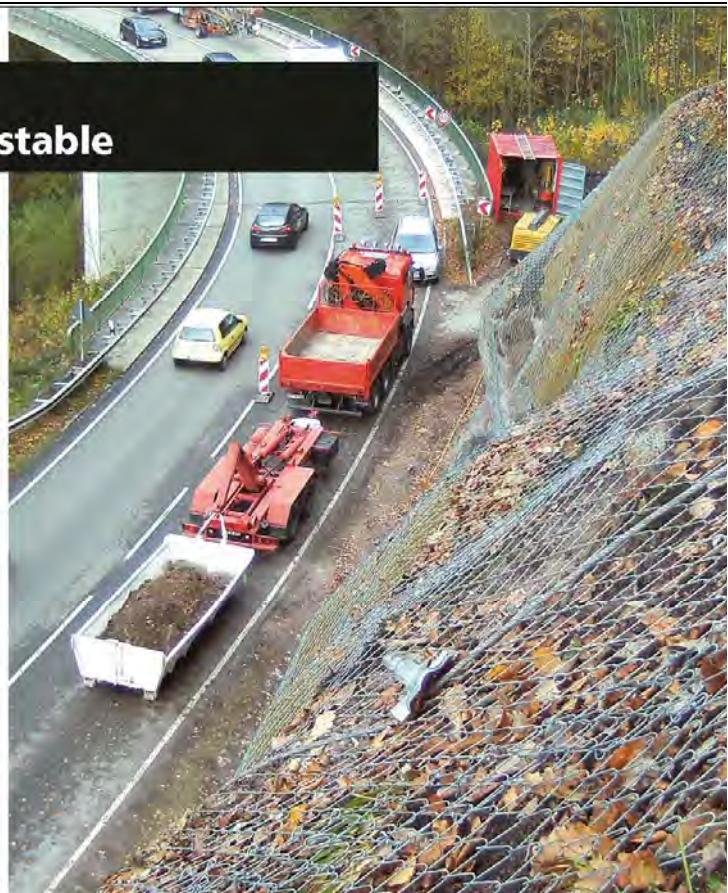
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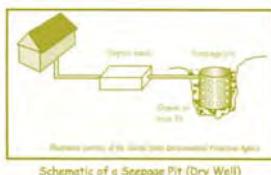


Illustration courtesy of the U.S. Geological Survey, Water Resources Agency

Schematic of a Seepage Pit (Dry Well)

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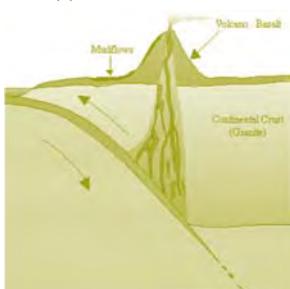
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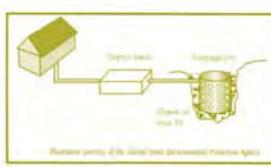
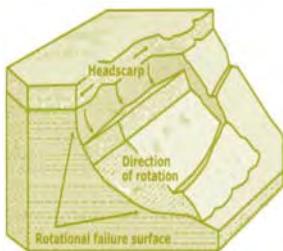
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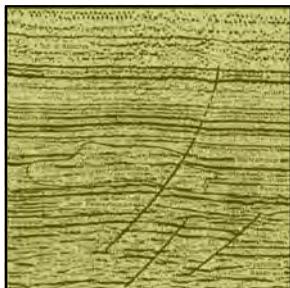
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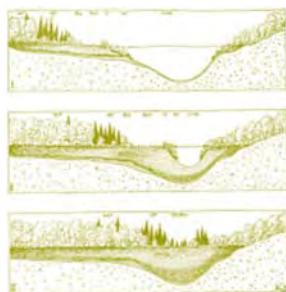
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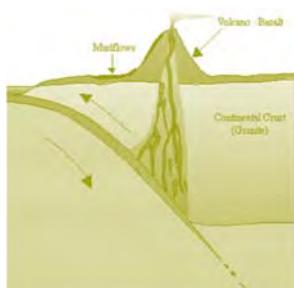
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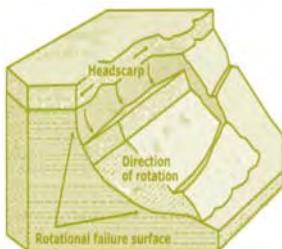




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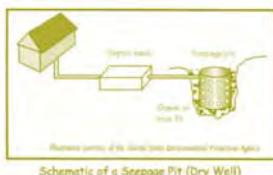
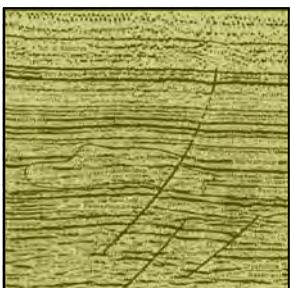


Illustration courtesy of the U.S. Geological Survey, Water Resources Agency



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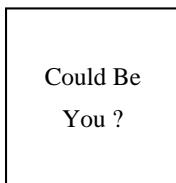
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Aspect Consulting
markswank@comcast.net



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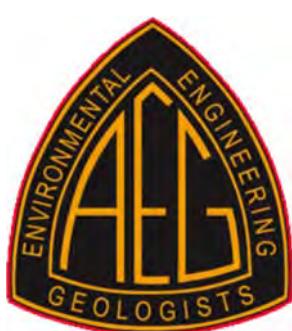
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atrotter@pdx.edu



Past Chair:
Stephen Hay
Oregon Department of Transportation
stephen56362@gmail.com

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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.