Volume 10, Number 2

#### The Official

# AEG OREGON CHAPTER NEWSLETTER

http://www.aegoregon.org

#### FETING DETAILS

Date: Wednesday, April 20, 2021

Location: Virtual Link:

https://us02web.zoom.us/ i/87103486337? pwd=bIRkeTZzSIIHRXNsOW JiQUdOem9SZz09

Meeting ID: 871 0348 6337 Passcode: 951487

**Evening Agenda:** 

6:00 pm Virtual Presentation

We look forward to seeing you at the presentation!!

#### **UPCOMING MEETINGS:**

May 18th: Student Night

# Historic Landslides and Debris Flows in the Oregon Coast Range.

Presented by: John Seward, P.E., G.E

#### Abstract:

Following the 1996 storms and associated property damage and fatalities, the Oregon Department of Forestry researched and compiled Oregon Coast Range land-slide and debris flow associated fatalities dating from the late 1800s to present. This presentation will present a number of brief case studies using historic accounts, LiDAR and other information to reconstruct these events. Implications for land management and home siting will be briefly discussed.

# **Biography:**

John Seward, P.E., G.E is a graduate of Michigan State and the University of Washington, degrees in forest management and engineering. Forty plus years with the Oregon Department of Forestry, with roles in state forests management, wildfire control, and regulation of forest management on private forest lands (with a focus on landslides and debris flows). Three year job-share with ODOT Region 3 Geotechnical Section. Currently semi-retired and consulting with ODF and others.



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

Hans Cloos





We had a great talk last month from Dr. Lisa Ely from central Washington University. It was about how a young 22-year-old Geologist, Charles Darwin observed a great wave from seaward and the damage the wave caused inland. Elevation measurements revealed land uplift along the coast of Chile. This month John Seward will be discussing debris flows on the coast.

Please consider volunteering your time to the AEG Oregon Chapter. The Chapter needs your help to continue running. We anticipate an increase in membership as Oregon adopts continuing education requirements so your influence to the future direction of the Chapter is needed more than ever. Please contact any board member to inquire about the various roles and opportunities to shape the future of the AEG Oregon Chapter. It's a great way to get to know your colleagues at other organizations and stay current with issues affecting the profession.

Don't miss student night May 18th (See attached posted Page 3). This virtual event will include a mix of video presentations or short documentaries. Students will be awarded cash prizes to the best presentations or videos. Be sure to renew or sign up to be an AEG member and come to our zoom meeting and record the date and topic in excel or database of your preference to keep track of your time. We will be providing certificates to document the hour of continuing education credits. "Oregon Revised Statutes (ORS) 672.588 Continuing education rules are effective as of 01/01/2021. This means that a registrant, unless otherwise exempt under the rules, who applies for a registration renewal AFTER 01/01/2022 must have completed the required continuing education activity hours for the 2021-2022 renewal year."

The Oregon Chapter holds monthly meetings from September to May. That's 9 meetings that will satisfy the required 8 hours of continuing education under ORS 672.588. Sign up to become an AEG member and I will see you at the next virtual meeting.

Be well and stay safe.

Mike Marshall

#### Other Announcements:

- AEG National webinars, free for members Isaac Pope is discussing Cascade Volcanoes (April 12th, 2021
- AEG National meets in San Antonio (September 18-26, 2021). Abstracts due May 1st
- GSA meets in Portland this year (October 10-13, 2021). Abstract submissions opens June 1st, 2021
- <u>Summer geology photo contest!</u>
  Take photos of your summer excursions. Send us your favorite one and we will pick the top 5 to be displayed in our September 2021 newsletter. Submit your phots to <a href="mailto:aegoregon@gmail.com">aegoregon@gmail.com</a> please indicate "Geology Photo" in the subject line. Last day to enter will be August 23, 2021.



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# AEG Oregon Student Night 2021

This year the student night will be held on

### Tuesday May 18, 2021 on the World Wide Webs

#### **Submittal Requirements:**

Students working towards a Bachelors, Masters, or PhD degree generally focused in geology and earth science studies. Each participant is required to provide a 2 to 5 minute recorded YouTube video presentation. More details with format will be forthcoming.

Please email interest in participation ASAP. Please provide an email address along with degree being sought, school attending, year in school, and favorite food. Attendance at the May 18<sup>th</sup> meeting is required to answer questions from the board and chapter.

#### Subject Matter:

We would like to hear about subjects related to geology and earth sciences across a myriad of topics including: environmental, engineering, soils, rocks, field mapping, GIS, UAV remote sensing, technology, chemistry, etc. The project area does not have to be in Oregon. Senior projects, Master's thesis or PhD dissertations are all acceptable, including work in progress.

#### **Submission:**

Submit your presentation to the Oregon AEG Board at <a href="mmarshall@GRI.com">mmarshall@GRI.com</a>. Please email ASAP with interest. Submissions provided by May 12, 2021 will be considered for awards, so get cranking to win one of many prizes.

#### Drizos

There are multiple prizes awaiting you and your project, including:

Most Relevant to Engineering Mos

**Most Relevant to Environmental** 

Geology Practice - \$200 Geology Practice - \$200

Best Undergraduate - \$250 Best

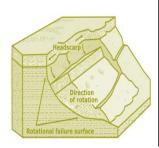
Best Graduate - \$250

Best Overall Presentation - \$350 Best Quality Presentation - \$150

Each accepted submittal will receive a \$25 gift card to REI \*one gift card per person if multiple submittals are provided







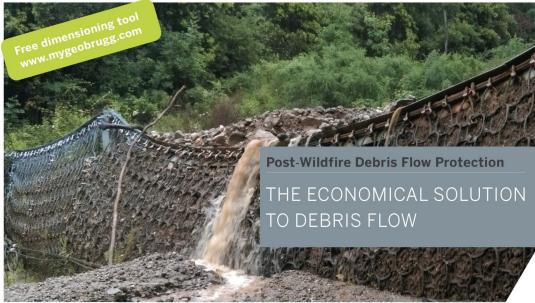
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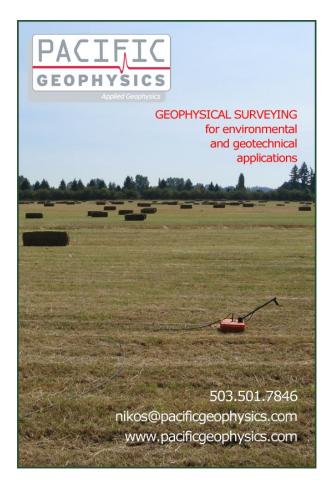
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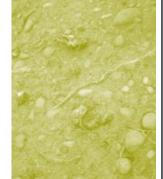


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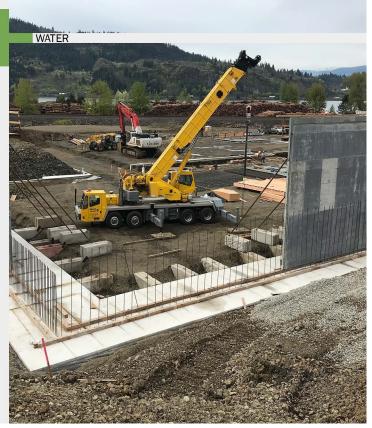


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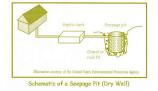
Wire Mesh Drapery Rock Bolts Shotcrete Avalanche Nets Rope Access Work

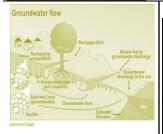
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"A soil adapted to the growth of plants, is necessarily prepared and carefully preserved; and, in the necessary waste of land which is inhabited, the foundation is laid for future continents, in order to support the system of the living world.."

James Hutton



# **Chapter Officers & Committee Chairs**



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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; ½ page \$200/yr; ½ page \$350/yr; 1 page \$450/yr.