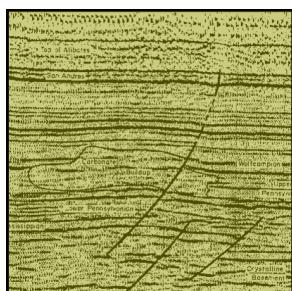
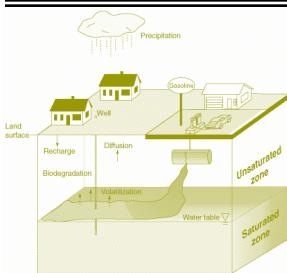


The Official

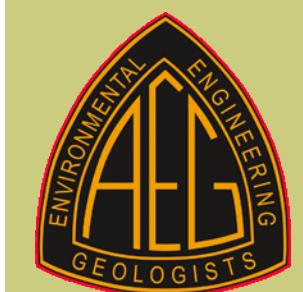
AEG OREGON CHAPTER NEWSLETTER

<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 2019-2020

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 Chris Humphrey (Chapter Past Chair) at: geohumphrey@yahoo.com. Please return by July 21, 2019. The new slate of officers will be announced at the September meeting.

CHAIR

Benjamin George

Ben began being active in AEG in 2001 at the Colorado School of Mines (CSM) in the student chapter and has been involved with Oregon AEG since 2005. He received his BS and MS in Geology and Geological Engineering from CSM in 2002 and 2004, respectively. Ben has been work as an engineering geologist and geotechnical engineer for the past 15 years specializing in geologic reconnaissance, geotechnical investigations, soil and rock slope stability, and rockfall mitigation. He is currently employed by 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, Colorado and Alaska.

(write in line)

□ CHAIR-ELECT

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 10 years as the Program Chair since 2007. He received his BS in Geology from Portland State University in 2003. In 2009 Mike went back to school while working full time to receive his MS in Engineering Geology from Dr. Scott Burns. Mike has been working as an environmental geologist for 14 years and as an engineering geologist for the past 5 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. Mike is trained in rope access safety and aerial rescue by SPRAT and Dr. William Gates. He is currently employed by Geotechnical Resources Inc. (GRI) and is a Registered Geologist in Oregon, Licensed Geologist in Washington, and a Certified Engineering Geologist in Oregon.

(write in line)

L TREASURER

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.

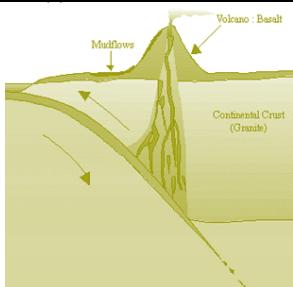
(write in line)

SECRETARY

Aine Mines

Aine has been involved with Oregon AEG since 2017. She received her BA in Earth and Planetary Science from Washington University in St Louis in 2007 and an MS in Civil and Environmental Engineering from UC Berkeley in 2011. Since moving to Portland in 2011, Aine has been working for Cornforth Consultants, Inc. (Landslide Technology) as a geotechnical engineer and engineering geologist, specializing in geotechnical investigations, geologic reconnaissance, soil and rock slope stability, and the emerging field of geotechnical asset management. She is a Registered Geologist and Certified Engineering Geologist in both Oregon and Washington and a Professional Engineer in Oregon, Washington, and Alaska.

(write in line)



AEG Oregon Chapter Student Award to Attend the 2019 Annual Meeting in Asheville, North Carolina

"Old Mountains...New Beginnings. Using the past to Map the Future."

Two \$1,250 awards are available for two lucky Student Members of the Oregon Chapter to attend the AEG 62nd Annual Meeting in Asheville, North Carolina from September 17-22, 2019. Candidates are required to meet the following criteria:

Accepted Abstract for the AEG 2019 Annual Meeting - Abstracts for the 2019 AEG Annual Meeting must be submitted online to AEG no later than May 1, 2019. The AEG Technical Committee should provide confirmation of abstract acceptance by June 15, 2019. A copy of the notice of acceptance from the Technical Committee must be submitted with the application.

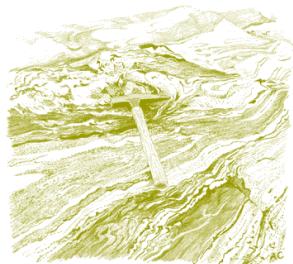
Completion of the AEG Oregon Chapter Student Award Application

Application submittal to the Oregon Chapter Chair (geohumphrey@yahoo.com) of AEG due by 10 p.m. on Friday June 28, 2019. The application is provided on Page 6.



Active AEG Oregon Chapter Student Membership – Only Student Members of the AEG Oregon Chapter are eligible for this award. If you are not currently a Student Member of AEG, you may register for free at www.aegweb.org/page/JoinOrRenew.

Essay (250 to 500 words) - Describe your geologic activities outside of the university classroom demonstrating how these activities relate to your professional geology goals. Activities might include attendance at geology-related meetings, professional field trips, mentorship experiences, volunteering in the community, laboratory work, etc.



Complete applications for this award are due no later than 10 p.m., Friday, June 28,

AEG Oregon Chapter Student Award Application

2019 AEG Annual Meeting Attendance

Asheville, North Carolina, September 17-22, 2019



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 essay⁽³⁾ describing your geologic activities outside of the university classroom demonstrating how these activities relate to your professional geology goals. Activities might include attendance at geology-related meetings, professional field trips, mentorship experiences, volunteering in the community, working in a lab, etc.

Applications are due no later than **10 p.m., Friday, June 28, 2019**. It is the intent of the AEG Oregon Chapter Board to select award winners by July 5, 2019. Selection of award winners is at the sole discretion of the AEG Oregon Chapter Board.

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

Hans Cloos



Learn more:
www.geobrugg.com/rockfall



Rockfall Impact Attenuators

INTERCEPT AND GUIDE
ROCKFALL SAFELY

Geobrugg North America, LLC | 22 Centro Algodones | Algodones, NM 87001 | USA | T +1 505 771 4080 | www.geobrugg.com

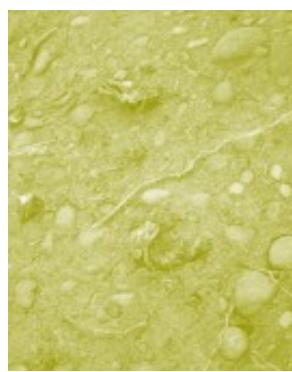
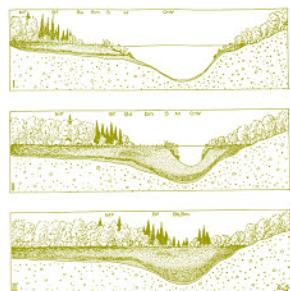


PACIFIC
GEOPHYSICS
Applied Geophysics

GEOPHYSICAL SURVEYING
for environmental
and geotechnical
applications



503.501.7846
nikos@pacificgeophysics.com
www.pacificgeophysics.com



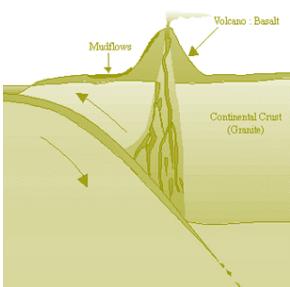
**HOLT
SERVICES INC**



**Your Environmental,
Geotechnical
& Clean Water
Professionals**

360-771-7586

info@holtservicesinc.com
www.holtservicesinc.com



We engineer success stories.

PBS is a trusted source of practical, sustainable solutions to the region's environmental and engineering challenges—enabling projects to succeed and communities to thrive.

PBSUSA.COM



ENGINEERING • ENVIRONMENTAL
HEALTH & SAFETY • SURVEY
36 Years Across the Northwest



Providing Quality
Geophysical Services
since 1984

EARTH DYNAMICS LLC

2284 NW. Thurman St.
Portland, OR 97210
(503) 227-7659
info@earthdyn.com

www.earthdyn.com

Engineering Geophysics:

- Seismic Refraction/Reflection
- Shearwave Velocity Studies
- Electrical Resistivity Profiling
- Ground Penetrating Radar
- Magnetics/Electromagnetics
- Gravity
- Marine Geophysics

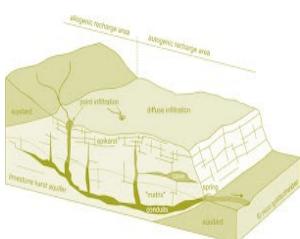
Vibration & Noise Analysis:

- Remote Vibration Monitoring
- Real-time Frequency Analysis
- Construction Monitoring
- Demolition Monitoring
- Blast Design and Monitoring
- Pre-construction Surveys
- Sensitive Equipment Certification

Rock Mechanics:

- Uniaxial Compressive Strength
- Direct and Triaxial Shear Strength
- Direct and Indirect Tensile Strength
- Dynamic & Static Elastic Moduli
- Thermal Properties
- Density & Porosity
- Moisture Content





EARTH **WATER**

Geotechnical Engineering
Environmental Remediation
Water Resources
Stormwater
Data + Mapping

Bainbridge Island
Bellingham
Bend
Portland
Seattle
Wenatchee
Yakima

Aspect
CONSULTING
www.aspectconsulting.com
971.865.5890

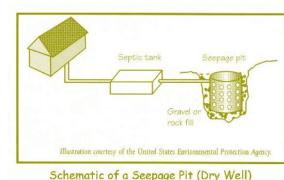


HI-TECH ROCKFALL CONSTRUCTION INC.

HI-TECH Rockfall is a General Contractor that specializes in Rockfall Mitigation and has been the industry leader for over 18 years. Our Highly Trained & Skilled Employees provide us the Highest Safety Record in the Industry.



We Service Multiple Industries which include:
Government & Military **Highways**
Mines & Quarries **Railroads**
Commercial & Residential **Utilities**



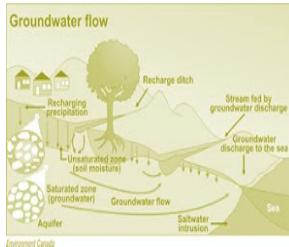
Products and Services include:

Highwall Stabilization	Wire Mesh Drapery
Rock Scaling	Rock Bolts
Rock Dowels	Shotcrete
Rockfall Barriers	Avalanche Nets
Instrumentation Installation	Rope Access Work

HI-TECH Rockfall Construction, Inc.
P.O. Box 674, Forest Grove, OR 97116

Office: (503) 357-6508
www.hitechrockfall.com





PLI SYSTEMS

- Drilled and Grouted Tie-Back Anchors
- Light Weight Fills: Foam & Cellular Concrete
- Geotechnical Drilling Explorations
- Shoring (temporary & permanent)
- Drainage, Including Horizontal
- Helical Anchors & Piles
- Drilled Shafts (caissons)
- Limited Access Drilling
- Landslide Stabilization

SOIL and FOUNDATION STABILIZATION SOLUTIONS in OREGON and WASHINGTON

503.649.8111 info@plisystems.com

- Elevator Jack Shafts
- Displacement Piles
- Wall Construction
- Sheet Pile Walls
- Injection Boring
- Underpinning
- Rock Anchors
- Rock Coring
- Dewatering
- Pile Driving
- Micropiles
- Shotcrete
- Soil Nails
- Grouting
- Pin Piles
- SPT



"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



Chair:
Chris Humphrey
FERC
geohumphrey@yahoo.com

Help us at
AEG Oregon
bring inspiring
knowledge and
ideas.

Program Chair:
Opportunity One
Dream.job1@gmail.com



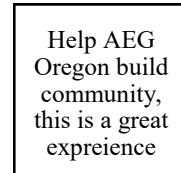
Legislature Chair:
Jennifer DiGiulio
National Energy Technology Laboratory,
U.S. Department of Energy
jennifer.digiulio@netl.doe.gov



Chair-Elect:
Benjamin George
Cornforth Consultants, Inc.
bgeorge@ccilt.com



Field-Trip Chair:
Erin Dunbar
Geosyntec Consultants, Inc.
dunbar.erin@gmail.com



Help AEG
Oregon build
community,
this is a great
experience

Newsletter Editor:
Opportunity Two
Dream.job2@gmail.com



Treasurer:
Michael Marshall
GRI
mmarshall@gri.com



Membership Chair:
Ruth Wilmoth
Columbia Geotechnical, Inc.
ruthwilmoth@comcast.net



Webpage Editor:
Matt Randall
PBS Engineering and Environmental
matt.randall@pbsusa.com



Secretary:
Nancy Calhoun
DOGAMI
nancy.calhoun@oregon.gov

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



PSU Student Chapter President:
Jessica Moore
Portland State University
jlm29@pdx.edu



Past-Chair:
Mark Swank
Aspect Consulting
markswank@comcast.net

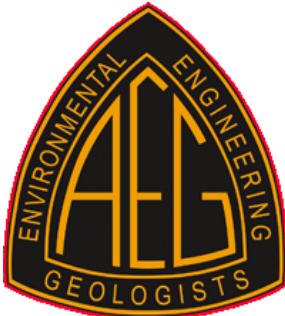
Subscribe to the newsletter by sending any e-mail to
aegoregon-subscribe@groups.electrcember.net

Thanks For Supporting AEG

Members, Volunteers, Aspect Consulting, Columbia Geotechnical, Cornforth Consultants Inc., DOGAMI, Earth Dynamics LLC., Federal Energy Regulatory Commission (FERC), Geobrugg, GRI, Hi-Tech Rockfall, Holt Drilling, NACSE, ODOT, Oregon State University, Pacific Geophysics, PBS Engineering & Environmental, PLI Systems, Portland State University, Western Oregon University

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.