

The Official

AEG OREGON CHAPTER NEWSLETTER

<http://www.aegoregon.org>

BALLOT FOR ELECTION OF OFFICERS AEG OREGON CHAPTER 2020-2021

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 Benjamin George (Chapter Past Chair) at: bgeorge@ccilt.com. Please return by July 31, 2020. The new slate of officers will be announced at the September meeting.



CHAIR

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 _____)

CHAIR-ELECT

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 _____)



TREASURER

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.

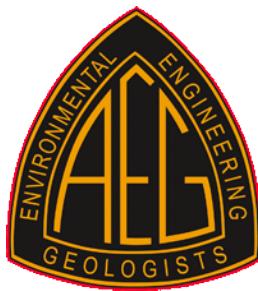
(write in line _____)

SECRETARY

Bryon Free

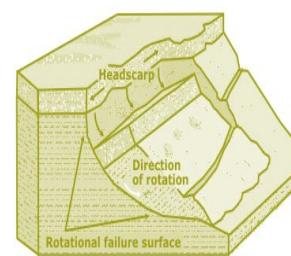
Bryon has been active with AEG since 2012 where he started as a student member and moved into the chapter president role at Central Washington University. He has remained an active member in AEG in Washington and more recently in Oregon after moving to the Salem area 2 years ago. Bryon received his BS and MS from Central Washington University while quantifying the stream sedimentation and channel migration during the Elwha restoration project. Before coming to Oregon, Bryon was teaching at Central Washington University and Yakima Valley college where he taught several subjects within the earth sciences. Bryon currently works for the Oregon Department of Transportation as an Associate Geologist focusing on the Unstable Slopes Asset management program.

(write in line _____)



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

Hans Cloos



TECCO® SYSTEM³ – Your slopes made stable

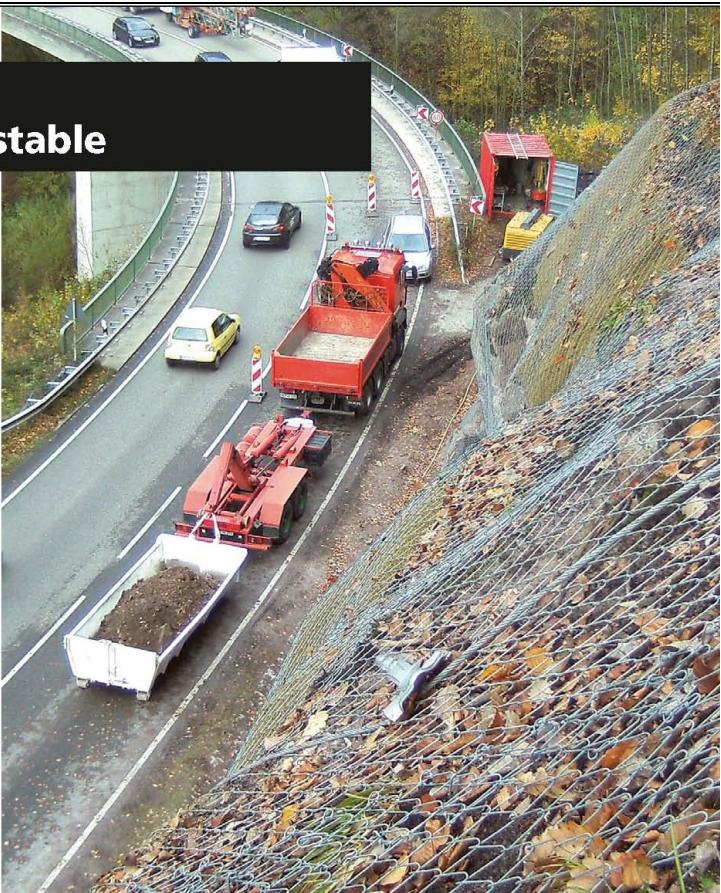
- TECCO® SYSTEM³ can be optimized depending on the subsoil with several mesh types
- meshes made of 2 mm, 3 mm and 4 mm diameter high-tensile steel wire
- optimization of anchor spacing thanks to two new spike plate sizes
- RUVOLUM® dimensioning software based on large-scale field and model tests
- small CO₂ footprint and option to cover with natural vegetation



Scan and watch our movie on
[www.geobrugg.com/youtube/
TECCO-fullscale](http://www.geobrugg.com/youtube/TECCO-fullscale)



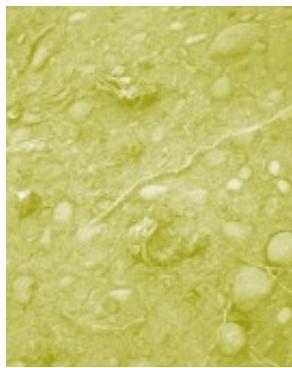
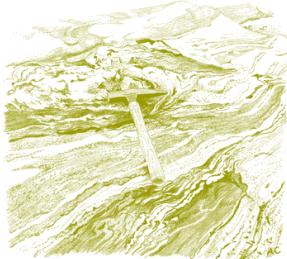
Geobrugg North America, LLC
Tim Shevlin, PG • Northwestern USA
Phone (503) 423-7258 • Fax (505) 771-4081
tim.shevlin@geobrugg.com
www.geobrugg.com



GEOPHYSICAL SURVEYING
for environmental
and geotechnical
applications



503.501.7846
nikos@pacificgeophysics.com
www.pacificgeophysics.com



**HOLT
SERVICES INC**

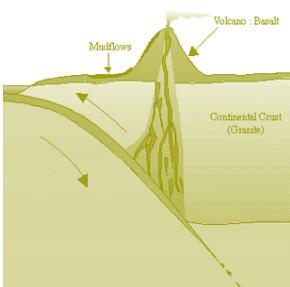


**Your Environmental,
Geotechnical
& Clean Water
Professionals**

360-771-7586

info@holtservicesinc.com

www.holtservicesinc.com



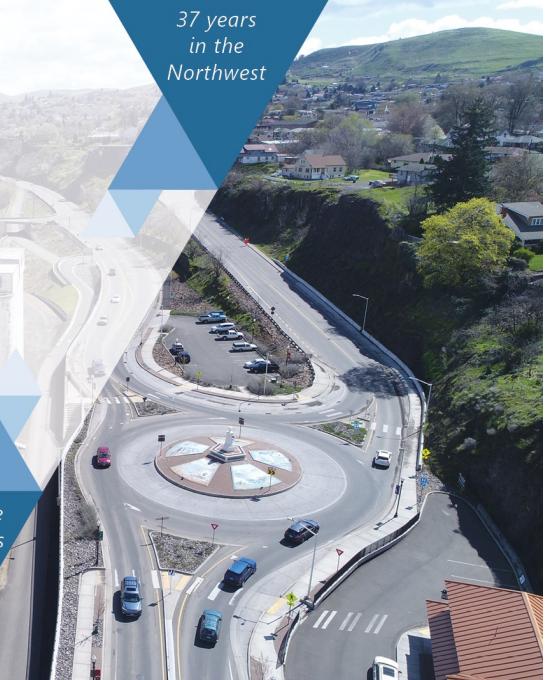
We engineer success stories.

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

Sunshine Mill
Bonneville Power Admin.

Quality People
Quality Results



ENVIRONMENTAL SERVICES • HEALTH & SAFETY
SURVEY • GEOTECHNICAL ENGINEERING
STRUCTURAL ENGINEERING • CIVIL ENGINEERING



EARTH DYNAMICS LLC



Providing Quality
Geophysical Services
since 1984

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

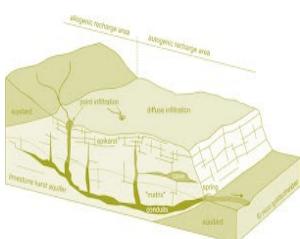
Vibration & Noise Analysis:

- 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



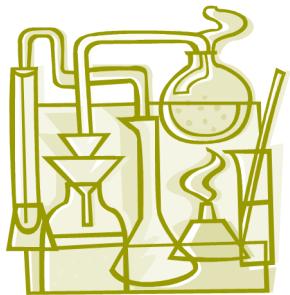


EARTH **WATER**

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

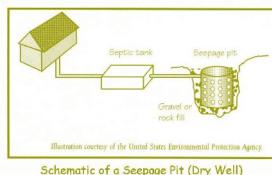


ROCKS **HI-TECH ROCKFALL CONSTRUCTION INC.**

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**



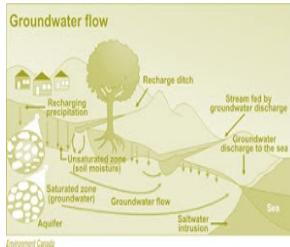
Products and Services include:

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
GEOTECHNICAL EXPLORATIONS**

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

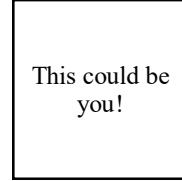
Chapter Officers & Committee Chairs



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



Program Chair:
Jasmin Jamal
Aspect Consulting
jjamal@aspectconsulting.com



Legislature Chair:
Volunteer Needed
This could be you!



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

Newsletter Editor:
Bryon Free
Oregon Department of Transportation
Bryonfree@gmail.com



Chair-Elect:
Michael Marshall
GRI
mmarshall@gri.com



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

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



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



Secretary:
Aine Mines,
Cornforth Consultants , Inc.
amines@cornforthconsultants.com



PSU Student Chapter President:
Stephanie Welch
Portland State University
sw22@pdx.edu



Past-Chair:
Chris Humphrey
FERC
geohumphrey@yahoo.com

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

**National AEG webpage:
<http://aegweb.org>**

Subscribe to the newsletter by sending any e-mail to

aegoregon-subscribe@groups.electricmembers.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.

