



## The California Geotechnical Engineering Association

### E.Geo Newsletter

February 2017



## Hawaii Conference Early Bird Registration Deadline

Register by February 28 and SAVE!

**Aloha!**

CalGeo's conference is on the Big Island, Hawaii April 26-28, 2017. If you're planning on attending it's time to register **NOW** to **SAVE** on conference fees. Early Bird registration deadline is **Tuesday, February 28th** (right around the corner). The savings is substantial, so you don't want to miss that date.

Also, if you are an Affiliate member, remember that if you register for the conference as a full attendee, you will get a table top exhibit space **FREE**. We are looking for more sponsors for the events there, too!

Don't be **LATE** and **SAVE** !

Go [here](#) for complete brochure and information and to register. **AND WHILE THERE, CHECK OUT OUR LITTLE VIDEO** to entice your to visit Hawaii!

**Let It Flow On The Big Island!** Join the **tribe** for awesome scenery, great events, and top-notch speakers.

**In This Issue**  
Early Bird  
Registration Deadline  
Donations for Student Fund  
Assess and Sustain  
Spillways  
Membership Drive  
Winner  
Upcoming Events  
Job Board  
Safety First!  
Like Us On Facebook  
Featured Article

#### Quick Links

[Register Now](#)  
[More About Us](#)

#### President's Message



Hannes Richter, GE of Stoney-Miller Consultants, Inc. and CalGeo President talks about his vision for CalGeo this year. Get his message

[here President's Message](#)

[Join Our Mailing List!](#)

**Donations Needed To Raise Funds For Students**

## by: Marsha Myers-Executive Director

We will be holding our usual silent auction at the closing night event in Hawaii and the funds collected are used to help with our student chapters. Do you have something you can donate? Gift cards? Certificates? Jewelry? Bring it with you when you attend, or just send it to the office at CalGeo, 309 Placerville Drive, Placerville, CA 95667 and I'll make sure it gets to Hawaii! Thank you for your consideration.



## Assess and Sustain Spillways with EagleLIFT's Scan and Repair Process

### SPILLWAY

Red-flags are being raised throughout California regarding the health of its spillways and flood control structures. The recent drought has left our spillways largely untested and, as we are finding out, that doesn't mean they haven't been compromised. The task seems daunting in such a short

timeline, but it may not be as complex as it seems.

EagleLIFT's Scan and Repair approach is a cost-effective method for identifying issues and then repairing the problems quickly and cost-effectively. Firstly, detecting the problem is the main focus. For this we utilize a Ground Penetrating Radar (GPR) system to scan the entire spillway and determine if there are any voids present. If voids are present, we then fill the voids and stabilize the structure with our polymer injection application. Read the full article [here](#).

## Membership Drive Winner Goes To Hawaii!



Congratulations, Martin McIlroy with Shannon & Wilson, winner of our 2016 membership drive competition! He has won the grand prize package to attend CalGeo's 2017 conference consisting of a fully-paid conference registration, three (3) night's stay at the Hapuna Beach Prince Hotel, and airfare to get there. Congratulations Martin! It was a GREAT effort on your part bringing in new members.

## Mark Your Calendars!

### Upcoming Events

#### **Tuesday, February 28, 2017**

AEG Sacramento Section Presents:

"Addressing California's Tsunami Hazard"

Presented by: Rick Wilson, Pg, CEG - Sr. Engineering Geologist California Geological Survey

RSVP [here](#)

#### **Wednesday, March 8, 2017**

2016-2017 ASCE-GI Cross-USA Lecture

CalGeo is co-hosting with local geo-professional chapters:

"Deep Mixing Method for Support of Embankments"

Presented by: Professor George Filz, Ph.D., PE - Virginia polytechnic Institute and State University

RSVP [here](#)

#### **Tuesday, March 21, 2017**

GeoHazard Talks presents Landslide Workshop:

"Seismically Induced Landslides: Observations from Recent Earthquakes"

Presented by Prof. Nicholas Sitar, Ph.D., P.Eng

~and~

"Developing Biogeotechnical Solutions for Hazard Mitigation"

Presented by Prof. Jason De Jong, Ph.D

Get information [here](#)

Upcoming  
Events  
Mark your calendar

calendar

## Job Board

Visit our [website](#) for the latest information on current available positions throughout the industry, including:

**JOIN OUR TEAM**

- Deputy Grading Inspector with Geotechnologies, Inc.
- Staff Engineer/Geologist with Geotechnologies, Inc.
- Geo Solutions Engineer with California Nevada Cement Assn.
- Project Geotechnical Engineer with LGC Geotechnical, Inc.
- Staff or Senior Staff Engineer with LGC Geotechnical, Inc.
- Soils Engineering Technician with Youngdahl Consulting Group, Inc.
- Special Inspector with Youngdahl Consulting Group, Inc.
- Project Geologist with Youngdahl Consulting Group, Inc.
- Project Engineer with Youngdahl Consulting Group, Inc.
- Geotechnical Engineer with Holdrege & Kull Consulting Engineers



If you're LOOKING for help throughout the year, we also have a number of resumes on our website at [CalGeo](#). If you're LOOKING FOR WORK, you can request us to post your resume on our [website](#) too.

## Safety First!

### What To Do During A Landslide

\*Stay alert and awake. Many debris-flow fatalities occur when people are sleeping. Listen to a NOAA Weather Radio or portable, battery-powered radio or television for warnings of intense rainfall. Be aware that intense, short bursts of rain may be particularly dangerous, especially after longer periods of heavy rainfall and damp weather.

\*If you are in areas susceptible to landslides and debris flows, consider leaving if it is safe to do so. Remember that driving during an intense storm can be hazardous. If you remain at home, move to a second story if

possible. Staying out of the path of a landslide or debris flow saves lives.

\*Listen for any unusual sounds that might indicate moving debris, such as trees cracking or boulders knocking together. A trickle of flowing or falling mud or debris may precede larger landslides. Moving debris can flow quickly and sometimes without warning.

\*If you are near a stream or channel, be alert for any sudden increase or decrease in water flow and for a change from clear to muddy water. Such changes may indicate landslide activity upstream, so be prepared to move quickly. Don't delay! Save yourself, not your belongings.

\*Be especially alert when driving. Bridges may be washed out, and culverts overtopped. Do not cross flooding streams!! Turn Around, Don't Drown@!. Embankments along roadsides are particularly susceptible to landslides. Watch the road for collapsed pavement, mud, fallen rocks, and other indications of possible debris flows.

\*Be aware that strong shaking from earthquakes can induce or intensify the effects of landslides.

~courtesy of USGS



**EAGLELIFT**  
ENGINEERED SOLUTIONS  
LIFT • LEVEL • STABILIZE



**877 752 2522**

[Visit Website](#)

## Like Us On Facebook!





Check out our Facebook page! Like us here [FACEBOOK](#) and let others know in your organization too!

Questions? Contact CalGeo at (530) 344-0644 or [mmyers@calgeo.org](mailto:mmyers@calgeo.org)