



E.GEO

SEPTEMBER 2022

In This Month's Issue:

- August New Members
- August Event Recaps
- Two brand new events (one virtual, one in-person)!
- Job Board

Geopros:

Start your Labor Day Weekend now by looking at pics from last week.

AND...

In case you needed a sign as to whether you were supposed to go to our event at SoFi on September 22, it's here! You're supposed to come. [Click here](#) or on the picture below to register at the early reg rate. See the details on the [flyer](#).

This project is just another example of how our industry builds California right from the soil up. You don't want to miss seeing the work that lead geotech Dr. Pirooz Kashighandi, GE, [Group Delta](#), and others invested into this. [Tensor International](#) knows how important this is. They're hosting drinks!

CLICK TO REGISTER FOR OUR SEPTEMBER 22 SOFI EVENT

TODAY IS THE LAST DAY FOR EARLY REG

SoFi Stadium

Meanwhile, we have two new events that just opened. Keep scrolling to see them: Slope Stability with Dr. Timothy D. Stark and a Regional Meeting at MOSAC with Jeremy Zorne, PE, GE.

Membership

August New Organizational Member



[Sladden Engineering](#)

August New Affiliate Members



[Baja Exploration](#)



AERO AGGREGATES
NORTH AMERICA

[Aero Aggregates of North America](#)

August New Individual Members

Victor Crosariol of HDR

Invite Potential Members

Do you know a geotechnical consulting firm or another geoprofessional services firm in California who is not currently a CalGeo member? Please have any interested firms contact Nick Bundra at nick@calgeo.org.

[See All the Member Benefits](#)

August Events Recap

Regional Meetings, Student Launch

August 23 (Topgolf) and 24 (Almaden GCC) Regional Meeting with Dr. Lelio Mejia, GE



Call this the CalGeo calm before the storm of golfers!



Kurt Brown gets ready to christen the course. And...



...there was room for those just there to watch as well!



Kaitlind Frazier (seen golfing in the background of the last picture as well) of table sponsor [Keller](#) did way more than just watch. She played with the Cal Poly Pomona students who attended to kick off their year with us (President Mariam Youssef is in the middle), and she led that booth in scoring the whole event!



But the students got the hang of smashing the ball as well!



Inside, we packed an air-conditioned meeting room...



...to hear an engaging talk from Dr. Lelio Mejia, GE, on the Dams of the Panama Canal Expansion. The full expansion project cost \$7 billion at the time and the portion he worked on cost nearly \$500 million. Below are pictures of...



...rock excavation at one of the sites and...



...one of the dams (Dam 1E) under construction in August 2015...



...now filled in September 2015 (note: the pictures are from opposite directions).



In the audience enjoying Dr. Mejia's presentation and insights were Ryan Bulatao (left) of drinks and table sponsor [Western Ground Improvement](#) and Tim Avery (immediately right of him in the picture) of table sponsor [Keller](#). Both are regular and generous supporters of CalGeo events!



Meanwhile, up north, despite their busy schedule, drinks and table sponsor [Geo-Ex Subsurface](#) made sure to send SWAG, including these killer hats that professionals and students snatched up!



And, of course, they provided drinks to keep people hydrated throughout the event!



After spinning the wheel to give away golf balls to attendees, Martin Walker (back left) and John Chesterton (mastering the mic) of table sponsor [Mott MacDonald](#) shared about some of their firm's work including dam projects.



The talk was well received, with many post-event questions. And to whet your appetite for the next set of pictures, see if you can find in this picture the attendee who also attended the Emerging Professionals and CSUS Student Chapter Launch Event covered below.

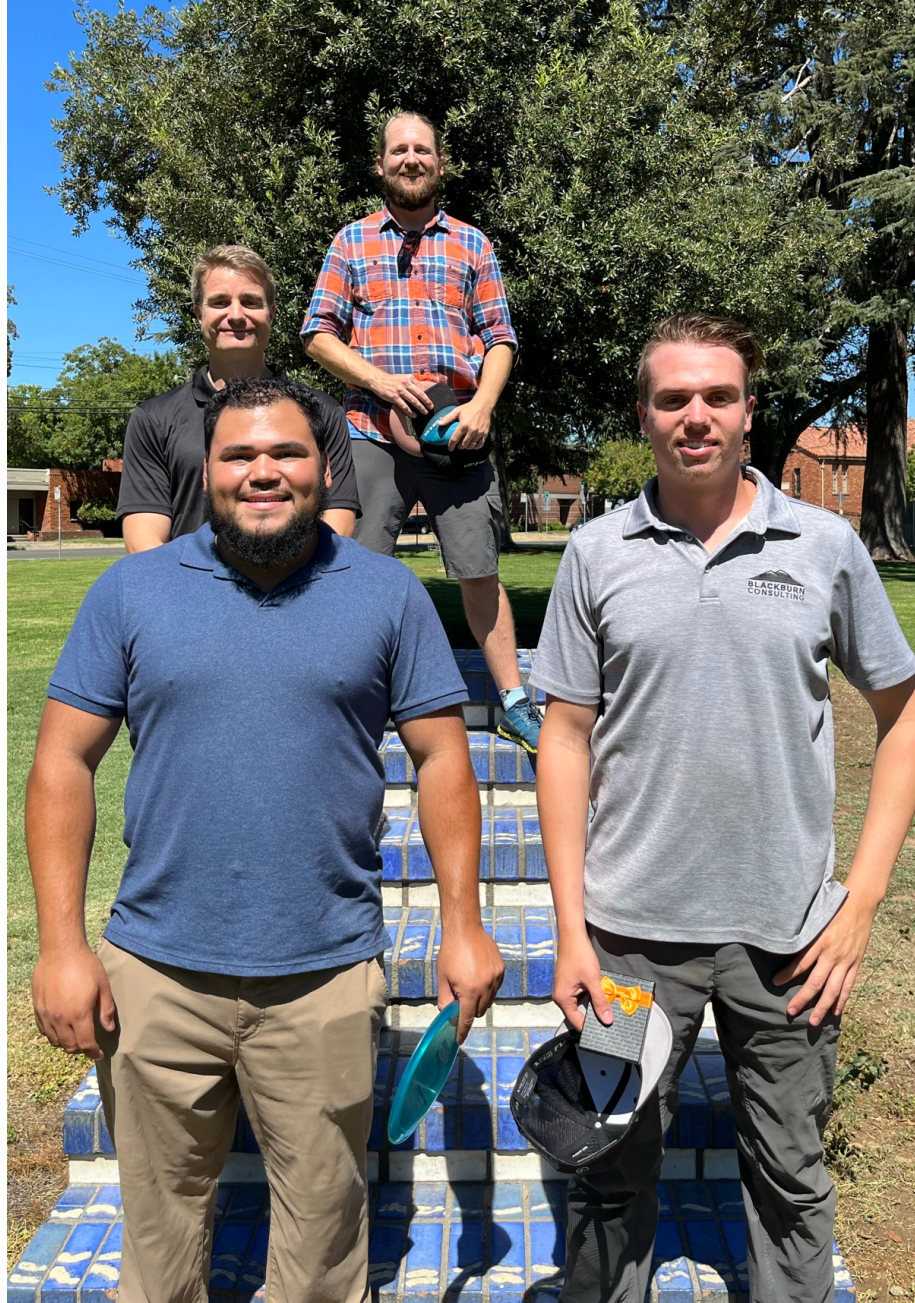
Emerging Professionals and CSUS Student Chapter Launch Event at McClatchy Park August 26, 2022



A student chapter launch event wouldn't be the same without students! CSUS CalGeo Chapter President Bryan Docto, Treasurer Manaal Chowdhury, Platforms Chair Maryam Yaqoob, and Events Chair Sarah Yaqoob practice their form while Augie Smarkel adds some levity to the scene!



Luke Morrell takes the cake for most wicked awesome form of the day (at least what we caught on camera). So...



...is it any surprise that his team, who also boasted one of the event organizers (thank you, Matt Weil!), took first place?! Great job, guys!



But everyone is a winner in Augie's book, so he got everyone who would fit up onto the podium!



Meanwhile, if you hadn't heard, Augie, after serving faithfully for many years, passed the Northern California Emerging Professionals leadership torch onto Martin Osier. As Martin's burger flipping skills would also indicate, we are in for top notch!



Before we go, Mike Miller (far left) gets brownie points for attending both this event and the regional meeting at Almaden Golf & Country Club. CalGeo events warrior! Show him some love by attending his [EP webinar](#) next Thursday!



If you missed out this time around, don't let it happen again!

Newly Announced Events!

Slope Stability with Dr. Timothy D. Stark (Virtual) Short Course

[REGISTER NOW](#) | [DOWNLOAD FLYER](#)

SLOPE STABILITY WITH DR. TIMOTHY D. STARK

THURSDAYS, OCTOBER 13, 20, & 27 | 11:00 AM - 1:00 PM PACIFIC | VIRTUAL

REGISTER

EARLY REG ENDS 9/30

MEMBERS \$250
NONMEMBERS \$400



DR. TIMOTHY D. STARK

Engineering Professor
University of Illinois at Urbana-Champaign

- TOPIC 1** Critical Cross-Section & Failure Surface
TOPIC 2 2D and 3D Static Stability Methods
TOPIC 3 Types of Drained and Undrained Shear Strengths

Course Case Studies

1. California Fully Softened Strength Case
2. California Housing Development Landslide Case History
3. Slope Failures During 1964 Alaskan Earthquake and Undrained Strengths

Biography

Timothy D. Stark is a Professor of Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign with expertise in geotechnical engineering. Dr. Stark has been conducting interdisciplinary research and teaching on the static and seismic stability of natural and manmade slopes, such as dams, levees, floodwalls, and waste containment facilities. He has been involved in a number of projects on these topics, which has facilitated the transfer of his research results to practice. He is currently researching three-dimensional slope stability, inverse and runout analyses of slope failures, and slope stabilization techniques.

October 28, 2022 Regional Meeting at MOSAC

[REGISTER NOW](#) | [DOWNLOAD FLYER](#)

October 2022 Regional Meeting

\$75 CalGeo Member (or Member's Guest)* | \$25 Student

Includes Admission, Food, Drinks, Talk

Early Registration Ends October 14, 2022, or When Sold Out



All About the Dirt of the New SMUD Museum of Science and Curiosity (MOSAC)





Jeremy Zorne, PE, GE
VP/Senior Engineer at Geocon
MOSAC Project Manager/Geotech

MOSAC, on the banks of the Sacramento River, is an adaptive reuse of an abandoned power station building. Vacant for over half a century, the 30,000-square-foot former powerhouse building underwent a complete structural and historic rehabilitation.

The project site presented many geotechnical challenges including soft, compressible soil; seismic-induced liquefaction susceptible soil; and dynamic instability/lateral spreading potential. Geocon performed an extensive geotechnical evaluation of the site that used past geotechnical studies and new geotechnical exploration, in-situ testing, and laboratory testing.

Geocon collaborated with the project team to develop cost-effective seismic hazard mitigation and foundation solutions for the project. Jeremy Zorne, PE, GE, was the project manager and geotechnical engineer for the project. Jeremy will provide an overview of the project and describe the geotechnical challenges and solutions that helped make the project a success.

FRIDAY, OCTOBER 28, 2022

UNTIL 4 PM: TOUR MUSEUM (OPTIONAL) 4 PM FOOD/DRINKS/SOCIALIZE 5 PM TALK

**MUSEUM OF SCIENCE AND CURIOSITY
400 JIBBOOM STREET
SACRAMENTO, CA 95811**

CLICK TO REGISTER

*Government employees receive member pricing. Any event with a drinks sponsor also includes at least one alcoholic drink. Registrations are transferrable. No refunds will be provided after the early registration deadline. Questions? Reach out to info@calgeo.org.



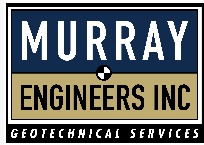
[Want to try our job board?](#)

CalGeo's Job Board provides Geoprofessional job listings. Featured posts are also published to the Google Jobs Network. To post a job, [click here](#). Members receive all job board options at half price.

[Visit CalGeo's Career Center](#)

Quick links to current featured job listings:

CalGeo



FEATURED Geotechnical Junior /Field Engineer

Posted: Aug 24, 2022

Murray Engineers, Inc. - Los Altos, CA
Full-time

Application Deadline: N/A



FEATURED Senior Geotechnical Engineer (4-7 years of experience)

Posted: Aug 2, 2022

Rutherford + Chekene - San Francisco, CA
Full-time

Application Deadline:
N/A



FEATURED Staff Geotechnical Engineer (1-3 years of experience)

Posted: Aug 2, 2022

Rutherford + Chekene - San Francisco, CA
Full-time

Application Deadline: N/A



FEATURED Project Geotechnical Engineer

Posted: Jun 28, 2022

Yeh and Associates, Inc. - Ventura, CA
Full-time

Salary: null Annually
Application Deadline: N/A



FEATURED Soil Technicians (All Levels), Project Geologist, Principal Environmental Professional, Business Dev

Posted: Jun 8, 2022

Leighton - Santa Clarita, CA
Full-time

Application
Deadline: N/A

[View More Jobs](#)

Upcoming CalGeo Events at a Glance

September 7, 14: Settlement Analysis Using Settle3 (Virtual) with Dr. Alireza Azami [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

September 8: Emerging Professionals Webinar (FREE) on Securing and Stabilizing Structures with Mike Miller of EagleLIFT [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

September 13: Emerging Professionals Webinar (FREE) on the Benefits of AMTS and Automation of Instrumentation with Carley Burford and Emani Halezghi of GEO-Instruments [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

September 22: Regional Meeting at SoFi Stadium with Dr. Pirooz Kashighandi, GE, on The Geotechnics of a \$5 Billion NFL Stadium. Includes food, presentation, and tour. [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

September 27, October 4: CPeT & CLiq Short Course with Dr. Peter Robertson (Virtual) - Using software to interpret and apply CPT data. [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

October 13, 20, 27: Slope Stability Short Course with Dr. Timothy D. Stark (Virtual) [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

October 17: Southern California Golf Tournament at Tijeras Creek Golf Club [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

October 28: All About the Dirt of the New SMUD Museum of Science and Curiosity (MOSAC) with Jeremy Zorne, GE [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

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