



E.GEO

AUGUST 2022

In This Month's Issue:

- July New Members
- Want to Make a Difference in the Industry? Show up to one of our next in-person or virtual events!
- Job Board

Geopros:

We have one primary message in this *e.Geo*: Take this opportunity to get involved!

After recognizing our new members, we have a listing of events open for registration between now and mid-October. We have a very important prevailing wage webinar (8/16), regional meetings on dams of the Panama Canal expansion (8/23 & 24), a EP/student launch event (8/26), a short course on settlement analysis software (9/7 & 14), our sequel at SoFi stadium (9/22), a short course on CPT software (9/27 & 10/4), and our October Southern California Golf Tournament (10/17). **Scroll down to learn and register...**

And, of course, over the next several weeks, look for us to keep announcing new, complimentary EP webinars.

Membership

July New Organizational Members



[GROUP DELTA](#)



July New Individual Members

Frederick Kuhnow of AECOM

Invite Potential Members

Do you know a geotechnical consulting firm in California who is not currently a CalGeo member? If they join today, they will receive the rest of the 2021-2022 year by paying for their 2022-2023 membership now. That's 2.5 months for free!

Please have any interested firms contact Nick Bundra at nick@calgeo.org.

[See All the Member Benefits](#)

EVENTS

Get in the Game with Us! Your Participation Advances the Industry.

California Prevailing Wage Update & Skilled and Trained Workforce Seminar (Virtual)

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



CALIFORNIA PREVAILING WAGE UPDATE & SKILLED AND TRAINED WORKFORCE SEMINAR

TUESDAY, AUGUST 16 | 9 AM - NOON

9 AM VAN ALLYN GOODWIN & RICHARD LEASIA 10 AM RICHARD PEREZ 11 AM COMBINED Q&A

REGISTER

MEMBERS \$100
NONMEMBERS \$250

California Prevailing Wage law continues to evolve and present new challenges to employers. For some projects, California's new experiment with "skilled and trained" workforces are adding hurdles to public works compliance. California's "skilled and trained" workforce requirements have been on the books for years but are now seeing a substantial increase in state enforcement activity. Noncompliant contractors can face steep fines and even debarment. Hear from Littler Mendelson, the largest law firm in the world representing only employers in labor and employment law matters.



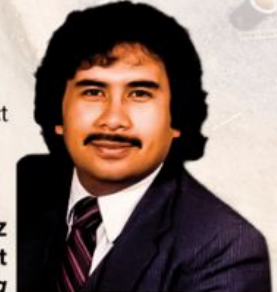
VAN ALLYN GOODWIN Special Counsel
RICHARD LEASIA Shareholder
Littler Mendelson PC

Van and Sean will address how the following questions apply to the geotechnical industry and how your firm can put itself in the best position for compliance:

- What are the new developments in California Prevailing Wage law?
- What are the "skilled and trained workforce" requirements of the Public Contracts Code?
- Which state and local laws implement these requirements for construction projects?
- How does a contractor comply with these requirements, before and after the bid?
- What are the consequences of noncompliance?

From his firm's extensive experience in monitoring public works projects and representing awarding bodies (district, city, state, and nonprofit), Richard will address:

- California Division of Apprenticeship Standards (DAS) Requirements
- Davis-Bacon and Related Acts (DBRA) federally funded projects—projects subject to both federal and state requirements
- DIR Wage Determinations



RICHARD PEREZ
Prevailing Wage & Labor Specialist
Labor Consultants of California

**COME TO LEARN AND
BRING YOUR SPECIFIC QUESTIONS
FOR THE COMBINED Q&A**

August Regional Meetings with Dam Talk by Dr. Lelio Mejia

[REGISTER NOW FOR 8/23 @ Topgolf Ontario](#) | [REGISTER NOW FOR 8/24 @ Almaden GCC](#) | [DOWNLOAD FLYER](#)

August 2022 Regional Meetings two great locations | one great speaker

\$80 CalGeo Members | \$25 Students (with Valid ID)*

Early Registration Ends Friday, August 5



Geotechnical Challenges of the Dams of the Panama Canal Expansion

Presented by Lelio Mejia, PhD, PE, GE | Geosyntec Consultants, Inc.



Dr. Lelio Mejia will present an overview of the Panama Canal Expansion Project and of the engineering for the dams that form the new Pacific Access Channel, known as the Borinquen Dams. The expansion project has approximately doubled the canal's capacity and allows the largest cargo and passenger ships in the world to transit through the historic waterway. Dr. Mejia will describe the geotechnical



challenges associated with the dam design, such as the site geologic and seismic setting, the foundation conditions, and the design stability criteria. He will discuss the design concept and illustrate the key features of Dam 1E, the largest of the Borinquen Dams.

TUESDAY, AUGUST 23, 4-8 PM
4⁰⁰ GOLF | 5⁴⁵ FOOD | 6³⁰ TALK
TOPGOLF ONTARIO
1050 N. ARCHIBALD AVE
ONTARIO, CA 92840

TOPGOLF

CLICK TO REGISTER

WEDNESDAY, AUGUST 24, 6-8 PM
6⁰⁰ FOOD | 6³⁰ TALK
ALMADEN GOLF & COUNTRY CLUB
6663 HAMPTON DRIVE
SAN JOSE, CA 95120

CLICK TO REGISTER

Southern California Sponsors

**DRINKS
+ TABLE**

WGI GEOPIER®

TABLE

KELLER

Northern California Sponsors

**DRINKS
+ TABLE**

Geo-Ex
Subsurface Exploration

TABLE

M
**MOTT
MACDONALD**

* Government employees receive member pricing. Reach out to us at info@calgeo.org with any questions. Registration includes dinner and non-alcoholic drinks. Any event with a drinks sponsor also includes at least one alcoholic drink. Full refunds will be offered for cancellations received one week prior to event.

Emerging Professionals and CSUS Student Chapter Launch Event at McClatchy Park

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

Launching 2022-2023

CELEBRATE WITH OUR EPs & CSUS CHAPTER

\$20 CalGeo Member | \$5 Students (with Valid ID)*

Early Registration Ends Friday, August 12



Lunch Launch Event + Disc Golf Competition

Lunch Launch Event + Disc Golf Competition McClatchy Park in Sacramento

GRILL



CHILL



DISC GOLF



REGISTRATION INCLUDES FOOD & NON-ALCOHOLIC DRINKS

FRIDAY, AUGUST 26, 2022

10 AM COMPETE OR CHILL 12 PM GRILL AND NETWORK 1 PM PRIZES

**MCCLATCHY PARK
3500 5TH AVE
SACRAMENTO, CA 95817**

CLICK TO REGISTER

* Government employees receive member pricing. Reach out to us at info@calgeo.org with any questions. Registration includes lunch and non-alcoholic drinks. Full refunds will be offered for cancellations received seven days prior to event.

Settlement Analysis Using Settle3 (Virtual) Short Course

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

SETTLEMENT ANALYSIS USING SETTLE3

WEDNESDAYS, SEPTEMBER 7 & 14 | 11 AM - 1 PM

**NOTE: PARTICIPANTS WILL RECEIVE A TEMPORARY SETTLE3
LICENSE SPECIFIC TO THE COURSE THE WEEK PRIOR.**

REGISTER

EARLY REG ENDS 8/31

MEMBERS \$200

NONMEMBERS \$350



DR. ALIREZA AZAMI

Geomechanics Specialist
ROCSCIENCE

Biography

Dr. Alireza Azami is a Geomechanics Specialist at Rocscience. He holds his Ph.D. from McMaster University in Civil Engineering (Geomechanics). Dr. Azami joined Rocscience in 2010 and focuses primarily on the mechanical behavior of geomaterials and groundwater flow. He is a key developer on Slide2, Slide3, RS2, and RS3, and has published many papers on the topic of Shear Strength Reduction (SSR) in Finite Element Analysis. Dr. Azami is an instructor for workshops and webinars as well as Rocscience standard short courses and customized course packages.

This virtual course will cover the settlement and consolidation theories behind Settle3 and the application of this tool in different engineering problems that include settlement analysis.

MODULE 1: THEORY AND MODEL SET UP

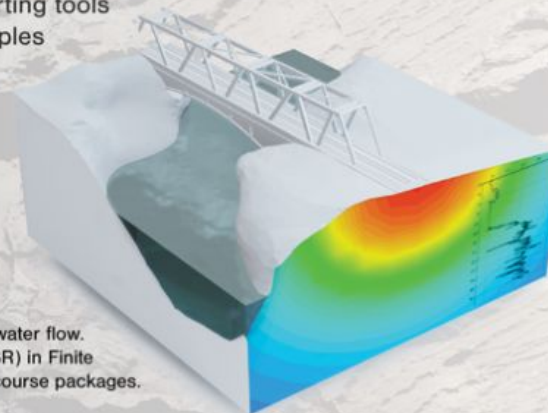
- Stress computation methods
- Settlement estimation methods (empirical vs consolidation theory)
- Flexible and rigid loads
- Material models in Settle3
- Examples

MODULE 3: GROUND IMPROVEMENT

- Modeling ground improvement methods in Settle3
 - Wick Drains
 - Soil replacement, stone columns and vibro-compaction
- Examples

MODULE 2: COMMON APPLICATIONS

- Loads and excavations
 - Embankment designer Settle3
 - Staged construction of embankments
 - Multiple loads
- Reporting tools
- Examples



September Regional Meeting @ SoFi Stadium

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

September 2022 Regional Meeting

SoFi STADIUM: HOME OF THE RAMS/CHARGERS

\$100 CalGeo Member (or Member's Guest)* | \$25 Student

Early Registration Ends September 2, 2022, or When Sold Out



The Geotechnics of a \$5 Billion NFL Stadium

Presented by Pirooz Kashighandi, PhD, GE | Senior Engineer at Group Delta



Join us as Pirooz Kashighandi, the lead geotechnical engineer on SoFi Stadium, discusses:

- Site history and project development
- Major ground motions study with consideration of the extreme historic field Newport-Inglewood fault



- extremely near-field Newport-Inglewood fault
- One of the largest MSE wall excavations due to FAA height restrictions
- Seismic aspects of the design of a 1,700-ft long “base-isolated” roof
- Blade Columns Foundation Design through 90-ft high MSE Wall
- Augercast and CIDH pile load testing program for the stadium

REGISTRATION INCLUDES PARKING, DINNER, DRINK TICKET, TALK, AND TOUR.

THURSDAY, SEPTEMBER 22, 2022

4¹⁵ PM ARRIVE EARLY! 4⁴⁵ PM DINNER/TALK 5⁴⁵ PM STADIUM TOUR

**SoFi STADIUM
1001 S. STADIUM DRIVE
INGLEWOOD, CA 90301**

CLICK TO REGISTER

Drinks Sponsor

Tensar®

*Government employees receive member pricing. Reach out to us at info@calgeo.org with any questions. Registration includes dinner and non-alcoholic drinks. Any event with a drinks sponsor also includes at least one alcoholic drink. For venue policies and parking and entry instructions, please see the registration form. Registrations are transferrable. No refunds will be provided after the early registration deadline.

CPeT-IT & CLiq (Virtual) Short Course

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

CPeT-IT & CLiQ

TUESDAYS, SEPTEMBER 27 & OCTOBER 4 | 11:00 AM - 12:30 PM | VIRTUAL

PARTICIPANTS WILL BE PROVIDED WITH A ONE-DAY FREE LICENSE TO THE SOFTWARE PRIOR TO THE SEMINAR.
OR, THEY CAN DOWNLOAD A FREE TRIAL VERSION FROM THE WEBSITE: [CPeT-IT SOFTWARE](#) - [CLiQ SOFTWARE](#).

REGISTER

EARLY REG ENDS 9/16

MEMBERS \$150

NONMEMBERS \$300



DR. PETER ROBERTSON

Private Consultant &

Technical Advisor to Gregg Drilling LLC

Biography

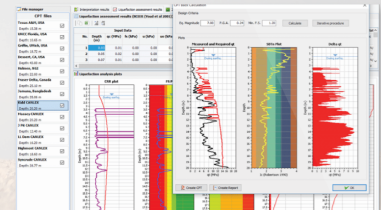
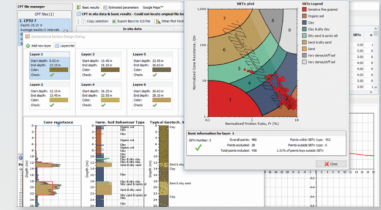
Peter has over 30 years experience as an educator, researcher, consultant and practitioner specializing in the areas of insitu testing of soils, earthquake design of geotechnical structures, soil liquefaction, pile design, and soil structure interaction. Dr. Robertson is recognized as an expert both nationally and internationally in the areas of insitu testing and soil liquefaction and has authored or coauthored nearly 300 publications on these topics. In addition to lecturing for hundreds of professional short courses, conferences, and meetings, and graduate and undergraduate courses, he has been the supervisor for 20 PhD students as well as many masters students.

CPeT-IT - TUESDAY, SEPTEMBER 27

- This session will provide a practical guide to using the software CPeT-IT to aid in the interpretation and application of CPT data to geotechnical design.
- Worked examples will be used to illustrate existing and new features in the software as well as helpful tips to optimize interpretation and presentation of results.
- Because CPT data should be analyzed using CPeT-IT prior to running any liquefaction analyses, participants should attend or watch the CPeT-IT recording prior to...

CLiQ - TUESDAY, OCTOBER 4

- This session will provide a practical guide to using the software CLiQ to aid in the application of CPT data to evaluate liquefaction potential.
- Worked examples will be used to illustrate existing and new features in the software as well as helpful tips to optimize data interpretation and presentation of results.
- Guidance will also be provided on how to evaluate major variables that influence liquefaction outcomes.



GREGG
**SEMINAR
SPONSOR**

Southern California Golf Tournament at Tijeras Creek Golf Club

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



The California Geotechnical
Engineering Association



CALGEO
SOUTHERN CALIFORNIA
GOLF TOURNAMENT
MONDAY, OCTOBER 17, 2022

Tijeras Creek Golf Club
29082 Tijeras Creek
Rancho Santa Margarita, CA 92688

REGISTER



CalGeo Job Board & Career Center

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:



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

Rutherford + Chekene - San Francisco, CA
Full-time

Posted: Aug 2, 2022

Application Deadline: N/A



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

Rutherford + Chekene - San Francisco, CA
Full-time

Posted: Aug 2, 2022

Application Deadline: N/A



FEATURED Project Geotechnical Engineer

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

Posted: Jun 28, 2022

Salary: null Annually
Application Deadline: N/A



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

Leighton - Santa Clarita, CA
Full-time

Posted: Jun 8, 2022

Application Deadline: N/A



FEATURED Geotechnical Junior /Field Engineer

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

Posted: May 25, 2022

Application Deadline: N/A

[View More Jobs](#)

Upcoming CalGeo Events at a Glance

August 9: Emerging Professionals Webinar with Tom Richards on Dam Grouting [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

August 23: Regional Meeting at Topgolf Ontario with Dr. Lelio Mejia on the Geotechnical Challenges of the Dams of the Panama Canal Expansion. Includes golf, food, and presentation. [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

August 24: Regional Meeting at Almaden Golf & Country Club in San Jose with Dr. Lelio Mejia on the Geotechnical Challenges of the Dams of the Panama Canal Expansion. Includes food and presentation. [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

August 26: Emerging Professionals and CSUS Student Chapter Launch Event at McClatchy Park in Sacramento. Includes disc golf tournament (for those who want to play), barbecue, and non-alcoholic drinks. [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

September 7, 14: Settlement Analysis Using Settle3 (Virtual) with Dr. Alireza Azami [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 Seminar with Dr. Peter Robertson (Virtual) - Using software to interpret and apply CPT data.
[REGISTER NOW](#) | [DOWNLOAD FLYER](#)

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

Want to get published in our next e.Geo? Email us at info@calgeo.org. Check out our submission guidelines [HERE](#).



Contact Info:

CalGeo
1048 Irvine Ave. #994, Newport Beach, CA 92660
Tel: 949-391-2436
info@calgeo.org

[LinkedIn](#)