



E.GEO

APRIL 2023

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- New Job Opportunities, and an Intern Seeker

Geopros:

Welcome to your April 2023 *e.Geo*. Many of us recently returned from Geo-Congress 2023 in Los Angeles, and we would like to join you in sending **Brad Keelor and his whole team** a hearty congratulations for the smashing success that it was. Proceedings can be [purchased here](#). Many CalGeo member firms also belong to ASCE-GI, and we encourage you to consider saving the date for [Geo-Congress 2024](#), February 25-28, in stunning Vancouver, British Columbia. You can see a note on CalGeo's 2023 participation below.

We look forward to seeing many of you starting next Wednesday at our **April 2023 Conference in Santa Barbara**. If you are attending, we have sent you itinerary information and access to conference resources including a limited complimentary opportunity to get your professional headshots by our photographer. We have a full house of attendees, but if you would like to add one of our [short courses](#) to your registration, please [email us](#). Also, don't forget that ballots for our 2023-2024 slate of candidates have been mailed to Active Member Designees, and we will accept submissions through the final vote count at our General Membership Meeting at 9 AM on Thursday, April 13. If your organizational member firm still needs to send yours electronically, please do so right away.

Organizational Member Firms - We sent you the **2022 Salary Survey** data submission form on March 1. We have received double digit submissions to date, and we anticipate you are working on yours if you have not already submitted. If you misplaced your form, you can find everything you need on our website [here](#). Feel free to reach out to Nick with any questions - nick@calgeo.org.

As always, you can also learn more about our important upcoming events below!

CalGeo Geo-Congress 2023 Plenary Session and Panel Recap

As a Cooperating Organization at Geo-Congress 2023, CalGeo hosted a booth (where attendees played cornhole to win free Starbucks or an entry into a drawing for a free registration to our April 2024 Conference) and made a lot of new and old connections.



CalGeo Board Member and WSP Associate Vice President Lindsey Angell, PE, gave a morning plenary presentation on the final day on career building and industry advancement through attention to four dimensions - you, your firm, others, and the industry.



Shortly thereafter, Past President Danny Cohen, PE, GE, JD, of Morris-Shea facilitated a panel with recently retired board member and long-time President of Leighton Consulting Tom Benson, PE, GE; Board Member Yvette Wilson, PE, GE, owner of Rock Solid Engineering; and Treasurer Noah Smith, PE, GE, Principal and Manager of Regional Geotechnical Services at Terracon. With their experience ranging from small shops to one of the largest firms, the leaders discussed strategies for growing a geoprofessional business of any size amidst various threats and opportunities.

Upcoming Events

The Transition to OpenGround - Complimentary

Katie Aguilar and Simba Muchineripi of Seequent are presenting for us on The Transition to Open Ground (from gINT and HoleBase). Change is coming, and we want to help ease the transition. This is a complimentary webinar! [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

REGISTER NOW

THE TRANSITION TO OPENGROUND

THURSDAY, APRIL 20 | 11 AM – 12:30 PM | VIRTUAL



KATIE AGUILAR, PE
Senior Application Engineer, Geotechnical
SEEQUENT

In January 2023 it was announced that gINT and HoleBase would begin a retirement phase for support. By January 2026, support for gINT and HoleBase will end. This announcement was made with a three-year transition period to help users make an informed choice on their Geotechnical Information Management system.

This presentation will review the retirement timeline, as well as address options with OpenGround and migration paths for current gINT and HoleBase users. A high level overview of OpenGround will be given to introduce attendees to what OpenGround is.

We will conclude with an open Q&A. This is your opportunity to ask specific questions to Seequent team members whose focus is OpenGround.



SIMBA MUCHINERIPi
Customer Success Manager
SEEQUENT

The DIGGS Solution - Giving Geotechs More Control, Access, and Choice with Data

Allen Cadden is a principal at Schnabel Engineering and a leader in the development of DIGGS for over a decade. This webinar will raise funds for CalGeo's Student Development funds. With those funds, we cover student registration for CalGeo's Annual Conference and other events, provide \$15,000+ in scholarships annually, support student chapters with annual sponsorships, and more. [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

MAKING GEO DATA AVAILABLE: THE DIGGS SOLUTION

THURSDAY, APRIL 27 | 11 AM – NOON | VIRTUAL



ALLEN CADDEN, PE, DGE
Principal
SCHNABEL ENGINEERING

Data Interchange for Geotechnical and Geoenvironmental Specialists (DIGGS) was built for us. Computer technology advancement in our daily work and play life has shown us the value of ready access to data. Geotechnical data is just as important, and we now have a way to share it in an open format for use across the suite of applications we use every day, not just the ones that create PDF logs. Think about the power of easily using this data in all of our analysis tools, including the BIM model or long-term asset management tools.

This presentation will provide a brief overview of what DIGGS is and is not. We will discuss some examples of what is already being done with DIGGS-formatted data, and we will explore questions like: What will this cost? Who owns the data? Why would I ever want to share my data?

MEMBERS
NON-MEMBERS

\$50
\$75

REGISTER NOW

All Net Proceeds Benefit CalGeo's Student Development Efforts

Biography

Allen is a Principal with Schnabel Engineering, Inc, in Chadds Ford, PA, where he provides senior leadership to the company's GeoStructural and Infrastructure Monitoring Services. Mr. Cadden received his BSCE and Master of Engineering from Virginia Tech and is a licensed engineer in ten states. He is an active member of ASCE, ADSC, and DFI technical committees and a Past President of the Geo-Institute of ASCE and the International Society for Micropiles and is currently a Trustee for the Deep Foundations Institute (DFI). Allen has been supporting the development and implementation of DIGGS for nearly a decade.

Regional Meetings - FIU Bridge Collapse, Space Shuttle Challenger Explosion - Using Critical Thinking to Avoid Catastrophe

Our May 2023 Regional Meetings focus on how critical thinking can result in loss prevention and saved lives. Aaron Mann, General Counsel and Principal at Terracon will provide his talk, Ethical Strategies for an Irrational World, at two unique venues.

[DOWNLOAD FLYER](#) | [REGISTER FOR NOR CAL \(MAY 3\)](#) | [REGISTER FOR SO CAL \(MAY 4\)](#)



AARON MANN, Esq
General Counsel / Principal
TERRACON

ETHICAL STRATEGIES FOR AN IRRATIONAL WORLD

We've all heard of tricks of the eye before, but what about tricks of the mind? As much as we would like to believe that we are rational thinkers and we base our decisions on evidence alone, the reality is far more complicated.

This presentation will explore the tricks of the mind that affect all of us and threaten to mislead us daily. Whether being overly optimistic about a project's success, dismissing the risk to the public, or making poor choices to avoid a small loss, our most important decisions are often shaped by unrelated factors (including the time since we last ate). Though the effects may often be minor, they can lead to serious ethical lapses. At worst, they can lead to catastrophic results like the pedestrian bridge collapse at Florida International University or the Space Shuttle Challenger explosion, both of which we will explore. Together, we will examine some of the mental shortcuts and illusions that are most commonly encountered by engineers. More importantly, we'll explore how to combat their impact in the workplace, and, hopefully, you will walk away thinking more critically about how you think.

Aaron is a Principal with Terracon Consultants. He serves as their General Counsel overseeing risk management and litigation. For two decades, his law practice has focused on managing risk and resolving business disputes. Aaron regularly manages outside counsel acting on behalf of the company and works internally to troubleshoot project issues and avoid disputes before they escalate. He also handles internal investigations and helps implement Terracon's ethics program. He is a frequent presenter at past events hosted by ACEC, ACI, ASCE, GBA, NSPE, and others. Prior to joining Terracon in early 2016, Aaron was a partner at Husch Blackwell, an AmLaw 100 law firm, where his practice focused on commercial and cross-border litigation. While with Husch Blackwell, he spent four years in the firm's London office. His career began as a judicial clerk for a U.S. District Judge in Kansas City, Missouri. He earned his J.D. from Creighton University School of Law in 2001.

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+ TABLE SPONSOR**



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MAY 4 @ HOT RODS & HANDGUNS
5872 ENGINEER DRIVE
HUNTINGTON BEACH, CA 92649



MAY 3 @ SKATES ON THE BAY
100 SEAWALL DRIVE
BERKELEY, CA 94710



*Government employees receive member pricing. Questions? Email info@calgeo.org. Registration includes tour, talk, dinner, and non-alcoholic drinks. Events with a drinks sponsor include at least one alcoholic drink. Registrations are transferrable but non-refundable.
**First 10 students will have their registration fee refunded upon attendance. To qualify the student must pay upon registration and attend the event.

Southern California Golf Tournament - Play on the Greens to Raise Some Green for Our Students

Our Annual Southern California Golf Tournament is one of the prime ways in which we generate funds for Student Development (e.g., scholarships, student attendance at conference and other events, student chapters). Be part of building the next generation of geoprofessionals by playing in the tournament. Make an even bigger difference through tournament sponsorship. [REGISTER NOW](#) | [DOWNLOAD FLYER](#) | [DOWNLOAD SPONSORSHIP OPPORTUNITIES](#)



TIJERAS CREEK
GOLF CLUB

CALGEO
SOUTHERN CALIFORNIA
GOLF TOURNAMENT
FRIDAY, MAY 12, 2023

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

REGISTER

Deep Excavation Short Course from One of the Field's Top Academic Experts

Dr. Kenichi Soga is a pioneer in exploring new technologies in deep excavation. In this short course, he provides a background on the importance of analysis and monitoring using the Nicole Highway Failure case study and other data and provides instruction on conventional and emerging methodologies for analysis and monitoring . [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

DEEP EXCAVATION: ANALYSIS AND MONITORING

WEDNESDAYS, JUNE 21 AND 28 | 11 AM – 1 PM | VIRTUAL

REGISTER NOW

MEMBERS \$200
NON-MEMBERS \$350
EARLY REG PRICING ENDS JUNE 7

WEDNESDAY, JUNE 21

- Earth pressure and settlement estimation - Overview
- Mobilized strength design – Linking mechanism to settlement calculation
- Finite element method – Total stress versus effective stress calculation for clays
- Nicole Highway Failure case study – Causes of the failure that occurred in 2004 in Singapore



KENICHI SOGA, PHD
DONALD H. MCLAUGHLIN CHAIR IN MINERAL
ENGINEERING CHANCELLOR'S PROFESSOR
UNIVERSITY OF CALIFORNIA, BERKELEY

Biography

Kenichi Soga is the Donald H. McLaughlin Professor in Mineral Engineering and a Chancellor's Professor at the University of California, Berkeley. He is the director of the Berkeley Center for Smart Infrastructure and is a faculty scientist at Lawrence Berkeley National Laboratory. He is Special Advisor to the College of Engineering Dean for Resilient and Sustainable Systems. He obtained his BEng and MEng from Kyoto University in Japan and PhD from the University of California at Berkeley. He was Professor of Civil Engineering at the University of Cambridge before joining UC Berkeley in 2016. He has published more than 450 journal and conference papers and is the co-author of *Fundamentals of Soil Behavior, 3rd Edition* with Professor James K Mitchell. His current research activities are infrastructure sensing, performance-based design and maintenance of infrastructure, energy geotechnics, and geomechanics. Named to the National Academy of Engineering in February 2023, he is a Fellow of the UK Royal Academy of Engineering, the Institution of Civil Engineers (ICE), the American Society of Civil Engineers (ASCE), and the Engineering Academy of Japan. He is the recipient of several awards including the George Stephenson Medal and Telford Gold Medal from ICE and the Walter L. Huber Civil Engineering Research Prize from ASCE. He is the chair of Technical Committee TC105 "Geotechnics from Micro to Macro" of the International Society for Soil Mechanics and Geotechnical Engineering and of ASCE's Infrastructure Resilience Division's Emerging Technologies Committee. He received a UCB Bakar Prize for his work on commercialization of smart infrastructure technologies.

WEDNESDAY, JUNE 28

- Monitoring - Objectives
- Instrumentation – Conventional to fiber optic sensing
- Case study of slurry wall monitoring in London
- Peck's observational method – Nine ingredients
- Setting the limits for monitoring – Using the concept of the observation method

Membership

March New Organizational Members

A3GEO

[A3GEO](#)

**BRAUN
INTERTEC**

The Science You Build On.

[Braun Intertec](#)

R McCARTHY
CONSULTING, INC

[R McCarthy Consulting](#)

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.



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](#)

Student Seeking Internship

Do you have an online opportunity for a Clemson University PhD student? See Ali Sedghat's CV [HERE](#). A PhD student in geotechnical engineering anticipated to graduate in 2024, Ali is willing to work in a virtual internship for a California firm or to do an in-person internship near Clemson.

CalGeo



Sladden Engineering

FEATURED Civil Engineer (P.E.)

Sladden Engineering - Indio, CA
Full-time

Posted: Mar 8, 2023

Salary: \$80,000.00 - \$120,000.00 Annually
Application Deadline: Jun 30, 2023



FEATURED Geotechnical Engineer (P.E.)

Applied Earth Sciences - Glendale, CA
Full-time

Posted: Feb 15, 2023

Salary: \$120,000.00 - \$150,000.00 Annually
Application Deadline: May 31, 2023

[View More Jobs](#)

Upcoming CalGeo Events and Deadlines at a Glance

March 8: Non-Ergodic (Site-Specific) Site Response and Its Utilization in Recent Non-Nuclear Engineering Projects [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

March 14: Helical Piles & Helical Anchors with Cary Hannon, PE (EP Webinar with ICC Credit Available) [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

April 12-14: CalGeo 2023 Annual Conference [REGISTER NOW](#) | [DOWNLOAD FLYER](#) LATE REG AVAILABLE

April 20: The Transition to OpenGround (Complimentary) [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

April 27: Making Geo Data Available: The DIGGS Solution (Registration Supports Student Development) [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

May 1: Salary Survey submission due for member firms [CLICK HERE TO ACCESS THE TEMPLATE AND SUBMIT YOUR INFO](#)

May 3: Nor Cal Regional Meeting @ Skates on the Bay in Berkeley [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

May 4: So Cal Regional Meeting @ Hot Rods & Handguns in Huntington Beach [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

May 12: 2023 Southern California Golf Tournament at Tijeras Creek Golf Club [REGISTER NOW](#) | [DOWNLOAD FLYER](#) | [SPONSORSHIP OPPORTUNITIES](#)

June 21, 28: Deep Excavation: Analysis and Monitoring with Kenichi Soga, PhD [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

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