



E.GEO

FEBRUARY 2023

In This Month's Issue:

- Upcoming Courses and In-Person Events
- SECURE 2.0 Act - See how it might affect you!
- January New Members

Geopros:

Want a quick rundown of meetings and short courses on the horizon? Of course you do! Also, keep scrolling to see what you save by registering early for Conference 2023. Early registration ends for Conference 2023 next Friday.

- Early registration for the LAX People Mover Event (2/22/23) ends TODAY! [REGISTER HERE](#) | [DOWNLOAD FLYER](#)



FEBRUARY 2023 SOUTHERN CALIFORNIA REGIONAL MEETING
WEDNESDAY, FEBRUARY 22 @ HYATT REGENCY LAX
5 PM TOUR (WALK TO THE APM) | 6 PM DINNER & PRESENTATION
\$89 CalGeo Member* | \$99 Non-member | \$25 Student**

CLICK TO REGISTER



MIKE READER, GE
CEO / Principal Geotech
Group Delta

HYATT REGENCY LAX
6225 W CENTURY BLVD
LOS ANGELES, CA 90045

SOLVING GEOTECHNICAL PROBLEMS IN THE CONSTRUCTION OF THE LAX AUTOMATED PEOPLE MOVER

Set to open in 2023, the LAX Automated People Mover electronic train system comprises six stations and two miles of elevated guideway. It will run nine trains of four cars each at peak capacity and is anticipated to reduce vehicle miles traveled by over 115,000 miles/day! Join CalGeo and Mike Reader, the project’s geotechnical lead, for a tour of the LAX Automated People Mover and for a talk in the City View room at Hyatt Regency LAX. You will hear about the geotechnical challenges Group Delta faced and other remarkable features of this project:

- Largest P3 Project in US History (\$4.9 Billion)
 - Over 100 CIDH Shafts from 8-Feet to 11-Feet in Diameter
 - Major Load Testing Project: (5) 7-Feet Diameter Osterberg Shafts
- \$2 Billion Construction Cost
 - Some Shafts Within 2 Feet of Existing LAX Structures
 - Anomalous Results Requiring a “Dry Sand Correction”

Mr. Reader specializes in capturing and managing large projects and clients and leading Group Delta on a path of sustained growth in technical and financial success. Under his leadership, Group Delta has grown into a market leader in providing geotechnical engineering on the largest projects in California. In addition to the LAX Automated People Mover, projects on which he has lead geotechnical design include:

- \$6 Billion Rams/Chargers Stadium Development
 - \$500 Million Google Campus
 - \$900 Million Millennium Towers in Hollywood (with Controversial Fault Hazard Approval)
- \$6 Billion Playa Vista Development
 - \$100 Million Yahoo Campus
 - \$1.6 Billion Westside Subway (Design-Build Team)
 - \$1 Billion Regional Connector Tunnel (Design-Build Team)



DRINKS + TABLE SPONSOR



TABLE SPONSOR



*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.

• John Bachner's Write Right 2023 Seminar starts on Tuesday! [REGISTER HERE](#) | [DOWNLOAD FLYER](#)

WRITE RIGHT SEMINAR 2023

TUESDAYS, FEBRUARY 7, 14, 21, 28 | 11 AM - 1 PM | ZOOM

**CLICK TO
REGISTER**

***REGISTRATION \$250 MEMBERS | \$400 NON-MEMBERS**



John Bachner | President
Bachner Communications, Inc.
[Read John's Bio](#)

SESSION ONE

Orientation/Overview
The Fundamentals of Good Writing
Parts of Speech

SESSION TWO

Parts of Speech (continued)
Taboo Words

SESSION THREE

Absolute Statements
Jargon and Colloquialisms
Providing Complete Information
Proofreading

SESSION FOUR

Email and Messaging
List Preparation

Through taking this course, you will learn to make your business and technical writing **clear, correct, concise, complete, and considerate** in just four classes.

***GROUP PRICING** Register five employees, receive the next registration free. Email info@calgeo.org for the discount to be applied to your invoice.

- Early registration for Conference 2023 ends NEXT Friday. [REGISTER HERE](#) | [DOWNLOAD FLYER](#) | [BOOK HOTEL ROOM](#)
Here's what you save by registering early:

RATE CHART: MEMBER/NONMEMBER	EARLY (FEB 10)	REGULAR (MAR 24)	LATE
FULL REGISTRATION	\$999/\$1099	\$1099/\$1199	\$1199/\$1299
SHORT COURSES			
MISSION CRITICAL MANAGEMENT	\$500/\$550	\$550/\$600	\$600/\$650
INSTRUMENTATION WITH GEOKON	\$400/\$550	\$450/\$500	\$500/\$550
PREVAILING WAGE WORKSHOP	\$300/\$350	\$350/\$400	\$400/\$450
FIELD TRIP	\$100/\$150	\$125/\$175	\$150/\$200
SIGNIFICANT OTHER SOCIAL ADD-ONS			
WEDNESDAY NIGHT RECEPTION	\$100/\$150	\$125/\$175	\$150/\$200
THURSDAY NIGHT BANQUET/CASINO	\$200/\$300	\$250/\$350	\$300/\$400

REGISTER FOR CONFERENCE NOW

- Jonathan Stewart and Dave Teague will present on Non-Ergodic (Site-Specific) Site Response and Its Utilization in Recent Non-Nuclear Engineering Projects. [REGISTER NOW](#) | [DOWNLOAD FLYER](#)



Non-ERGODIC (SITE-SPECIFIC) SITE RESPONSE AND ITS UTILIZATION IN RECENT NON-NUCLEAR ENGINEERING PROJECTS

WEDNESDAY, MARCH 8 | NOON - 1:30 PM | ZOOM

EARLY REGISTRATION (ENDS MARCH 1) \$50 MEMBERS | \$100 NON-MEMBERS



JONATHAN STEWART, PHD
*Professor, Civil & Environmental Engineering
UCLA*



DAVE TEAGUE, PHD, PE
*Associate
ENGEO Incorporated*

Background

Site-specific (partially non-ergodic) seismic hazard analysis is increasingly employed as part of ground motion hazard characterization for critical projects. Site-specific site response can be evaluated from the interpretation of ground motions recorded at (or near) the site or from simulations. The simulation method that is most frequently employed is ground response analysis, which can capture impedance, resonance, and nonlinear effects for vertically propagating shear waves. Such effects are often large contributors to site response, but are not sole contributors, as other effects related to basin geometry can also be influential, particularly at long oscillator periods.

Your Takeaways

- We will describe procedures for conducting ground motion hazard analysis incorporating site-specific site response, including estimation of the mean site response, aleatory variability and epistemic uncertainty.
- We will describe open-source software tools that can be used to apply these methods.
- The challenges and benefits of applying these procedures will be illustrated through discussion of several case histories for California sites.

[CLICK TO REGISTER](#)

Courtesy Tax Alert

Secure 2.0 Provisions Affecting Retirement Plans and IRAs

The Consolidated Appropriation Act, 2023, included a retirement saving bill known as SECURE 2.0. This may affect you and your firm.

[Download an informational brochure here.](#)

Membership

January New Organizational Members

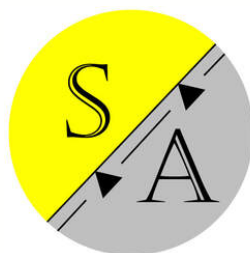


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Invite Potential Members

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](#)

Upcoming CalGeo Events at a Glance

February 7, 14, 21, 28: Write Right Seminar 2023 with John Bachner [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

February 9: Offshore Wind: May the Winds of Fortune Be Ever in Your Favor with Kelly Cabal and Muhammad Zayed, PhD, PE (EP Webinar with ICC Credit Available) [REGISTER NOW](#) | [DOWNLOAD FLYER](#)

February 22: Regional Meeting @ LAX Hyatt Regency, LAX Automated People Mover - Tour, Dinner, Talk [REGISTER NOW](#) | [DOWNLOAD FLYER](#) EARLY REG ENDS TODAY!

February 24: Scholarship Applications Due - Open to All Students in California Pursuing Careers in the Geoprofessions - Six Scholarships Available [DOWNLOAD PACKET](#)

March 8: Non-Ergodic (Site-Specific) Site Response and Its Utilization in Recent Non-Nuclear Engineering Projects [REGISTER NOW](#) | [DOWNLOAD FLYER](#) EARLY REG ENDS WEDNESDAY, MARCH 1

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](#) | [BOOK HOTEL](#)
[HERE](#) **EARLY REG ENDS FRIDAY, FEBRUARY 10**

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](#)