

April 17, 2013

Dr. J. David Rogers

Annual Conference Keynote: "How Geotechnical Engineering Has Shaped The History of California"



Dr. J. David Rogers

Dr. Rogers directs Missouri S&T's Virtual Geotechnical Database Laboratory and serves as the Associate Director of Missouri S&T's Natural Hazards Mitigation Institute. Prior to entering academia full-time, he owned geotechnical, forensic engineering, and construction management firms in the San

Francisco and Los Angeles metro areas. Dr. Rogers has served as principal investigator of numerous post-disaster assessments.

Dr. Rogers holds degrees from the California State Polytechnic University and the University of California, Berkeley. His research interests center on innovation and problem solving, interdisciplinary systems engineering concepts, and failure analyses. Click [here](#) to read his "Geotechnical History of California" project.

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CalGeo Membership Outreach

By Rick Keene

Legislative Advocate

As CalGeo rolls out its new member outreach to prospective firms, our meetings have revealed several distinctions and advantages about CalGeo which set our association apart from others in California. We thought you may find these useful when you are sharing the benefits of being a member of CalGeo with others.

First, of course, is that CalGeo is the ONLY association serving the unique needs of geotechnical engineering in California. Geotechnical practice concerns are our sole priority.

Second, is that CalGeo is "California centric" in its mission. California policies and regulations affect our businesses most.

Third, is the nimble nature of CalGeo. We don't get mired down in national bureaucracy or conflicting priorities. We can move decisively when the need arises.

Fourth, is that in CalGeo, an individual voice matters. Everyone can participate.

Lastly - The irreplaceable networking and relationships that being a member affords.

For more detailed information, click [here](#) or [here](#).

Yosemite Sierra Visitors Guide 2013

To experience all the wonders of the Yosemite Sierra area while attending the CalGeo annual conference this coming May, click [here](#) to browse through this comprehensive booklet offering many ideas for sightseeing during your stay.



June Regional Dinner Meeting

"What's "Hot" In Hot Mix Asphalt"

Our June Regional Dinner Meetings will feature Jim St. Martin, PE and Rita Leahy, PhD, PE of the California Asphalt Pavement Association. There will be two live locations to choose from, one in the Santa Ana area and one in the Sacramento region; we will not be webcasting this time.

Specific topics that will be addressed include:

- Recent changes to Caltrans Section 39
- Recent changes to APWA Greenbook for asphalt concrete
- Porous pavement
- Warm mix asphalt
- Long life asphalt
- Superpave

The meetings will be held during the week of June 24-28, 2013. For registration information and locations and dates, please look at Upcoming Events here: <http://www.calgeo.org/>

Member News

Welcome to Our New Members!

Affiliate Members:

GMI, a division of AVAR
47375 Fremont Boulevard
Fremont, CA 94580
Contact: Michael Pagano
mp@groundmod.com

Academic Members:

Boris Kolev
Student - UC Davis
Davis, CA 95616
bnkolev@ucdavis.edu

In Remembrance

Patrick Stevens, one of the principal partners at Stevens, Ferrone & Bailey Engineering Company (SFB), passed away on March 4, 2013, due to complications associated with a heart attack. He will be fondly missed by his partners Jon and Ken, his clients, peers, and everyone who worked with him at SFB and his former employer Harza. Pat is survived by his wife Debbie, two daughters and son-in-laws, and his granddaughter. Pat was always a practical engineer, enjoyed solving construction site issues, and could never say no to a client. For those that knew Pat, his rough exterior belied a kind heart. He will be missed by many.



Patrick Stevens

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Job Board

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

- ◆ Project Geotechnical Engineer with GeoSoils Consultants, Inc.
- ◆ Project Geotechnical Engineer with Wallace-Kuhl & Associates

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Safety First

Work Safely Outdoors

Courtesy of State Compensation Fund of California

Working outdoors and around reflective or hot surfaces and equipments brings the risk of overexposure to the sun for workers. Shield the skin from harmful, cancer-causing ultraviolet (UV) rays of the sun by wearing lightweight clothing that covers the skin, including a wide-brimmed hat that covers the head, neck, and ears, a long-sleeved shirt, and long pants. And, protect the eyes with UV absorbent sunglasses.

Fifteen minutes before going outdoors, apply a sunscreen with a sun protection factor (SPF) of 15 or higher, reapplied periodically and waterproofed if around water or actively perspiring.

Remember to keep hydrated while you are working in hot environments (drinking at least one cup of water every 20 minutes is recommended). The body is designed to cool itself by sweating water from its internal system to the skin surface. If more water is removed from the system than replaced, it could result in heat illness and sometimes even death. When working in hot conditions, drink plenty of water before, during, and after work.

Stay aware of your surroundings and watch out for critters like snakes, bees, wasps, spiders, ticks, etc. Workers who experience nausea, dizziness, hives, stomach cramps or severe swelling will require immediate medical attention. Wear high-top heavy boots, gloves, and clothes that cover exposed skin areas. Tuck pant legs into socks or boots. Apply insect repellent containing DEET and avoid cologne, aftershave or perfumed soaps. Watch where you put your hands, where you step, and where you sit, so as not to accidentally disturb a nest or hiding place.

Be wary of outdoor plants, such as poison oak, which can cause a mild to severe reaction. Even during the off seasons of the year, bare wood or roots can cause a reaction. The best way to deal with nuisance plants is to learn to recognize them and if possible, avoid them. Protect yourself from exposure by wearing long-sleeved shirts, long pants tied around the ankles, leather gloves with gauntlets, and a wide-brimmed hat and neck scarf. Don't touch any skin, clothing, tools or animals that have come into contact with the plant. Also remember after performing any outdoor work, shower with a strong soap and wash all clothing in detergent.

You can safely enjoy your work outdoors as long as you dress appropriately for the working conditions and take proper precautions against the possible hazards of the working environment.

State Compensation Fund of California Contact

In an ongoing effort to promote jobsite safety throughout California, CalGeo has partnered with the State Compensation Insurance Fund on the *Safety First!* program to provide our members and group participants with workers compensation insurance cost savings and provide relevant information regarding safety issues. CalGeo members interested in becoming a member of CalGeo's "*Safety First!*" group can contact Patty Amaya at (323) 327-5773 or orpattyamaya@scif.com. Click [here](#) to learn more.



Cal/OSHA Consultation

If you are an employer who wishes to obtain FREE assistance from Cal/OSHA Consultation, or want to learn more about what services are available, you can do so by calling the toll-free assistance number, 1(800) 963-9424. If you want to arrange an on-site visit or obtain technical information, you can contact the Cal/OSHA Consultation area office nearest your workplace by clicking [here](#), or you can email them at InfoCons@dir.ca.gov.



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