

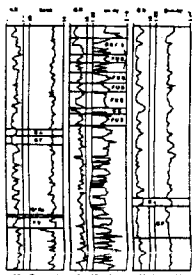
ASSOCIATION OF ENGINEERING GEOLOGISTS

Southern California Section

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NEWSLETTER - OCTOBER 1999

JOINT DINNER MEETING WITH THE INLAND GEOLOGICAL SOCIETY



- Date:** Thursday, October 21, 1999
- Location:** California State Polytechnic University, Pomona; Bldg. 3, Rm. 244 (Dinner); Bldg. 3, Rm. 215 (Talk), Pomona, CA *
- Time:** Social Hour - 6:30 p.m. Dinner - 7:00 p.m. Presentation 7:30 p.m.
- Cost -** \$11.00 per person
- Reservations:** Lisa Battiato (IGS Vice President) 909-699-6193 by 3:00 p.m. Tuesday, Oct. 19
- Speakers:** **Dr. Dennis Burke, C.E.G. and Michael Chapin, C.E.G., G.E.**
- Subject:** **Investigation of the San Jose Fault, Cal Poly Pomona Campus**

Geocon, Inc. was retained to attempt to locate the San Jose Fault on the campus of California State Polytechnic University, Pomona and, if possible, estimate its recency of activity, recurrence interval, and contribution to overall seismic risk on the campus. Various speculative projections of the fault traces through the campus had been made, but previous fault studies in the central campus areas were often limited in their findings by young surficial deposits that were too thick for effective trenching, as well as shallow groundwater levels that flooded excavations. Mr. Chapin and Dr. Burke will present an overview of the project investigation, discuss challenges addressed during the field exploration, and review investigation findings.

Dr. Dennis Burke, C.E.G., is a former U.S.G.S. scientist who, during his 8-year tenure with the Survey, investigated many of the active faults in northern and southern California. Dr. Burke's fault investigation experience includes assessing the age of soils and sedimentary units as a means of estimating the recency of faulting on the Garlock and San Andreas Faults in the Antelope Valley, California. Dr. Burke performed the research and field investigation, and was the primary investigator for this study.

Michael Chapin, C.E.G., G.E., has performed many fault investigations throughout the state, most notably on the San Andreas, Calaveras, Greenville, Antioch, Rose Canyon, and Piery faults. He oversees preparation of all seismic response and liquefaction studies undertaken by Geocon, and has provided third-party review services on faulting and seismicity studies for several municipalities in California. Mr. Chapin is a member of both the Earthquake Engineering Research Institute and the Seismological Society of America. Mr. Chapin is the reviewing principal on the San Jose Fault study.

* - See page two for directions to meeting.

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DIRECTIONS TO THE OCTOBER JOINT DINNER MEETING

From the I-10: Take Kellogg Drive exit. Turn right on University Drive. Stay on University Drive. Pass through stop sign. Drive uphill past College of Science Building 3. Parking Lots "J" and "M" are near the top of the hill on the right. **From the 57 Freeway:** Take the Temple Avenue exit. Drive west past Pomona Avenue, Valley Boulevard, and South Campus Drive. Turn right on University Drive. Stay on University Drive. Look for Parking Lots "J" and "M" on the left near stop signs. Dinner will be held in Building 3, Rm. 244 and will consist of sandwiches, fruit and veggie platters, and soft drinks. The talk will be held in Building 3, Rm. 215.

LOS ANGELES BASIN GEOLOGICAL SOCIETY LECTURE, OCTOBER 14, 1999

Dr. Mark Legg will talk about his new discoveries in the California Borderland in a talk entitled "Deformation History of a Major Restraining Bend Along a Right-Slip Fault: The San Clemente Fault Offshore Northern Baja California, Mexico". Don't let his new restraining bends restrain you from coming. The Los Angeles Basin Geologic Society meets on Thursday October 14, 1999 at 11:30 am at the Long Beach Petroleum Club (3636 Linden Ave.). The club is located just north of the 405 Freeway between Long Beach Blvd. and Atlantic Ave. Buffet lunch costs \$17. Bring students. Lunch is only \$6 for them and they will also receive a free geology book from the Pacific Section SEPM. Next month Dr. Lucy Jones will speak on the earthquakes in southern California. Mark the date. November 18, 1999. On Wednesday November 10, 1999 Dr. Harrison Schmitt the Geologist astronaut from Apollo 17 will speak at 6pm at Millikan High School in Long Beach. All are invited. He will tell us about his Moon trip and his views for the future. The talk is free to everyone because of the generous contributions of: The Boeing Company, the Crail-Johnson Foundation, Pacbell, THUMS Long Beach Company, Los Angeles Basin Section of the Society of Petroleum Engineers, Los Angeles Basin Geologic Society and the American Association of Petroleum Geologists.

CHAIR'S COLUMN

The Southern California Section of AEG would like to thank Terratest Labs, Inc. of Irvine for their sponsorship of last month's meeting. In addition to providing funding for our social hour, Terratest also purchased a new laser pointer for use at our section meetings. If you know of any businesses that would be interested in sponsoring one of our meetings, please contact me at schellbw@aol.com.

Wendy Schell, Chairman

ASTM NEWS FOR GEOLOGISTS

[The following message is from Eldon Gath, Past President of the Association of Engineering Geologists and Chairman of the Southern California Section.]

I received a new alert from John Bachner, Ex. Director of ASFE (Professional Firms Practicing in the Geosciences) regarding some new pending Standards being proposed by ASTM's (American Society for Testing Materials) Environmental committee. AEG took a very strong stand with ASFE two years ago to force ASTM to place a disclaimer on each of their new published Standard Guides and Standard Practices that they were not replacements for professional judgment and knowledge of site conditions, client expectations, local regulations, and project needs. ASTM spent a considerable amount of time resisting the need for these, but with continued pressure by over 100,000 practicing professionals through a dozen professional organizations, we felt we were successful. Unfortunately, there are always setbacks. Here is one. Hopefully, if you are an ASTM member, you can take the time to get involved.

Eldon Gath

"ASFE Responds to Proposed Revisions to ASTM E1527 - the Phase I ESA Standard - and Calls on Others To Respond Immediately"

Professionals may be forced to follow the dictates of ASTM E1527-97, a standard practice that identifies the specific manner in which Phase I ESAs should be conducted, down to the exact language a professional may choose from in reporting findings. The standard is likely to be referenced in new brownfields legislation now before the U.S. Congress and, should that occur, the ASTM standard will likely become the law of the land, in fact or in effect.

THE STANDARD STILL DOES NOT INCLUDE A VITALLY IMPORTANT WARNING THAT IS RECOMMENDED BY ASTM IN ITS "BLUE BOOK."

The warning, agreed to by ASTM's Board of Directors in response to concerns expressed by ASFE, ASCE, ACEC, and many other organizations, notes that the standard does not define the standard of care, is not universally applicable, and that professional judgment must be applied, and that ASTM defines a standard to mean only that a document has been adopted by consensus. ASTM Committee D18 has adopted the caveat for virtually all its standard guides and standard practices. To date, Committee E50 - which is responsible for E1527-97 - has refused to follow suit. Without the caveat, E1527-97 gives professionals no right to deviate whatsoever.

(Continued on page-3)



Association of Engineering Geologists
Southern California Section



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