



SOUTHERN • CALIFORNIA • SECTION
NEWSLETTER

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DINNER MEETING

- Tuesday, February 9, 1988
- The Quiet Cannon Restaurant
901 N. Via San Clemente
Montebello, CA
- \$20.00 (includes tip)
- For reservations call
Jerry Treiman
(213) 620-3560

MAKE RESERVATIONS BY NOON ON
THE FRIDAY PRIOR TO THE MEETING

- 5:30 Social Hour
- 6:45 Dinner
- 7:30 Announcements
- 8:00 Speaker
- 9:00 Section Affairs

PROGRAM

Charles Buckley
Principal Geologist
California Environmental

SOIL-GAS VAPOR SURVEYS

SHORT TOPIC:

Woody Higdon will discuss the
"Great Crack of Temecula" its
history, damage and possible
causes.

SPEAKER & TOPIC

SOIL-GAS VAPOR SURVEYS

Charlie Buckley of California Environmental will discuss a subsurface exploration technique to delineate contaminant plumes. This relatively new technique uses shallow probes to collect vapors which diffuse through the soil. A case study will be presented illustrating the effects of hydrogeology on vapor diffusion and ultimately the results of the vapor survey.

ANNOUNCEMENTS

NEWS FROM THE JANUARY MEETING

John Byer is continuing to plan for the 1992 annual meeting. The site has been narrowed down to one of two hotels in Long Beach and preliminary plans for field trips are underway.

Don Micheal presented a short topic in which he showed that not only are many geotechnical consultants missusing the Skempton and DeLory equation for the Factor of Safety for soil slips by not taking $c'=0$ but the equation may be invalid because the denominator should be a function of the bouyant force, not total force.

Bob Hollingsworth presented a discussion of problems caused by expansive bedrock and the often ineffective use of compacted fill caps. Case histories were presented to show that a thin clayey bed or shear zone of moderate expansion potential was enough to lift a non-expansive cap and damage a house. Some of the problems could be traced to the use of very permeable material in the fill cap, allowing a perched water table to form in the fill on top of the expansive bedrock.

Buzz Spellman reports that Senate Bill 86 to abolish the State Board of Registration for Geologists and Geophysicists has been pulled and will not be considered by the Senate Business and Professions Committee. Senate Bill 87 to form a combined Board consisting of one geologist, one geophysicist, three landscape architects and four public members has also been pulled. The death of these two bills should give us at least a one year reprieve in our battles with Senator Boatwright. Thanks are due to all the members who wrote their Senators to opposes the bill and to the firms that contributed the money so that we could hire a lobbyist.

Many of you may not have seen a Los Angeles Times article on January 7, 1988 which said that a soils engineer and two construction company officials have been charged with involuntary manslaughter after the death of a man killed in the collapse of a 14½ foot high unshored embankment. The soils engineer reportedly was warned that bedding dipped into the vertical cut slope at nearly 45 degrees. No mention is made of an engineering geologist involved in this job.

PROFESSIONAL SERVICES

The 1988 AEG Southern California Section field trip has been scheduled for June 4 and 5, 1988. We will examine the Whittier Fault and the Santa Ana Canyon area on Saturday, camp overnight in the San Clemente area and examine landslides in southern Orange County on Sunday. Papers for the guidebook must be submitted camera-ready by April 18. Watch for further information at future meetings and in future newsletters or contact Larry Cann or Eldon Gath at (714) 250-1421.

The SDSU Department of Geology Alumni Association will be holding their 2nd annual field trip on February 19, 20 and 21 at Calico Ghost Town just north of Barstow. Call Bill Elliot at (619) 586-0870 for further information.

Cypress College is offering a class/field trip on the Geology of the East African Rift Zone on July 6-25, 1988. Contact Dorothy L. Stout, Cypress College, 9200 Valley View St. Cypress, CA 90630, (714) 826-2220 for further information.

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Your hard working officers plan to prepare a directory of members with photographs. Please complete the following questionnaire and mail with current photo (no baby pictures please!!) to:

D. L. Lamar, AEG Directory
1044 12th Street, #10,
Santa Monica, CA 90403

Name _____ Nickname _____ Spouse Name _____
Title _____ Company/Institution _____
Work address _____

Work phone number _____
Home address _____

Home telephone number _____
Preferred mailing address: work ___ home ___
Degrees/institutions/dates _____
Other society memberships: GSA ___ AAPG ___ NAGT ___ Branner Club ___ South Coast G.S. ___
Others _____
Awards, honors and whatever _____

Chris Wills
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