

SOUTHERN CALIFORNIA SECTION

# news letter

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2550 BEVERLY BOULEVARD, LOS ANGELES, CALIFORNIA 90057

## APRIL MEETING

- DATE:** Tuesday, April 8, 1986
- PLACE:** Stevens Steak House  
5332 Stevens Place  
Commerce (T.G. 53 F2)
- COST:** \$13.00 (Tip included)
- RESERVATIONS:** Kovacs-Byer & Associates, Inc.  
818-980-0825  
Please make reservations by noon on previous Friday.
- TIME:** 5:30 Social Hour  
6:30 Dinner  
7:30 AEG Business  
8:00 Speaker  
9:00 Section Affairs, if scheduled
- SPEAKER:** Norman R. Tilford, Professor at Texas A & M University and current Vice President of the National Association of Engineering Geologists. Professor Tilford brings to us a wide background in engineering geology with experience that includes 7 years as chief geologist for Abasco Services. He will be speaking on current issues in AEG, certification, the changing role of the executive director of the Association, and promotion of interest and involvement of members in the Association.

## BULLETINS

If you have not yet paid your association dues please be sure and do so. We are up-dating the mailing list and I'm sure you don't want to be left out! The expanded newsletter is more costly to print and we need your dues.

The Los Angeles Section ASCE Geotechnical Engineering Group is presenting a seminar by Dr. George Sowers on Thursday, April 17, 1986, aboard the R.M.S. Queen Mary in Long Beach. The feature of Dr. Sower's remarks will be "Geotechnical Failures Produced by Geologic Details". There will be afternoon and evening programs and a banquet. For information call: Frank Fong (714) 861-1943 or Alex Khan (213) 926-7582.

Alexander Stephen has joined the Osborne firm with a weigh in of 8 lbs. 2 oz. He brings to the organization limited personal experience and an abundance of sleepless nights.

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### SUMMARY OF ANNOUNCEMENTS

The February meeting was supported by 94 attendees including 6 students. The following announcements were made:

1. Orange County Grading Board of Appeals is accepting nominations for an alternate member. Richard Lung desires to continue for a second term as a regular member. The alternate member must be a registered engineering geologist. Please contact Gary Guacci for details or Floyd McLellan with the Environmental Management Agency at (714) 834-3463.
2. A letter has been prepared supporting Senate Bill SB 1548 regarding public and governmental access to water well records. The letter indicates that the local section is supportive of the bill. It was recommended we indicate that the access to well records should be to both existing and new records.
3. The last day to submit a slogan for the 1986 AEG T-Shirt contest is April 1. Slogans are to be submitted to Marvis Kent.
4. The two day field trip to examine coastal geology from San Diego to Ensenada has tentatively been scheduled for July.
5. Several employment opportunities were announced at the last meeting.
6. We are seeking a new local section newsletter editor. Mark Osborne's term will be complete in June of 1986.

7. The GSA sponsored field trip titled "Selected Urban Landslides, Southern Orange County, California", being hosted at CSULA will have a pickup and drop-off point in Orange County. For additional information contact Larry Cann at Leighton and Associates.
8. "Detection, Monitoring and Cleanup of Contaminated groundwater" will be held at UCLA on April 18th and 19th (Friday and Saturday). The cost will be \$295.00. Contact Bob Bean for details or call the Division of Science, UCLA Extension (213) 825-7093. See insert in this newsletter.
9. Thanks go to Richard Lownes for sponsoring one student at the March meeting. We encourage firms to support students at the local section meetings. Please contact Jim Shuttleworth at (213) 738-4061 or Bob Zweigler at (818) 980-0825 about donations. Thank you.
10. The January meeting of the registration board was summarized. All licensees and agencies will be receiving the board's newsletter. They will also be receiving an updated directory. There are no regulation or fee changes at this time. Geophysical and groundwater guidelines approved by the board will be published in their newsletter. A resolution was passed by the Board regarding guidelines (CDMG Notes) for geologic reports: "The guidelines were adopted as useful informational documents. Not having been adopted as regulations in accordance with the APA [Administrative Procedure Act], the guidelines are not legally enforceable."
11. Steve Jensen met with Norman Tilford on March 11 in the Oakland area of California in order to interview a prospective candidate for Executive Director of the National Association of Engineering Geologists. Patricia Osiecki has been selected to replace Noel Ravneberg. There will be a 3 month transition period.
12. Note that there are changes in the phone numbers for Bob Zweigler (818-980-0825) and Gary Guacci (213-433-5865).

#### EMPLOYMENT OPPORTUNITIES

James M. Montgomery, Consulting Engineers are currently interviewing for a senior hydrologist. Master of Science Degree with 4 or more years of relevant experience required. Salary commensurate with experience. Contact Carl Wieve, (714) 261-7210.

# GROUNDWATER CONTAMINATION — DETECTION, MONITORING, AND CLEANUP

FRIDAY AND SATURDAY, APRIL 18-19, 9 am-4 pm

Contamination of our groundwater supplies is a major concern. We are well aware of recent threats to groundwater basins posed by leachate from landfills, petroleum spills, and exotic organic compounds such as TCE. Laws requiring detection, monitoring, and cleanup of hazardous wastes are in effect, and various public agencies and consulting firms must be active in all aspects of hazardous waste evaluation and cleanup.

Geologists representing the leading edge of research in the investigation, monitoring, and rehabilitation of groundwater aquifers offer this seminar.

Topics covered include movement of water and contaminants from the surface through the vadose zone to the water table; movement of plumes of contaminated groundwater in the saturated zone; specific identification of types of contaminants including processes of chemical change; practical aspects of drilling and installation of monitoring wells; and problems associated with hydrocarbon spills.

In addition, current regulatory requirements in California, corrective action and cleanup of groundwater contamination, and state-of-the-art instrumentation for monitoring both the vadose and saturated zones are demonstrated to the class.

*Robert T. Bean*, Coordinator, Consulting Geologist and past president of the Association of Engineering Geologists and past chairman of the Hydrogeology Division of The Geological Society of America

*Steven B. Blake*, Engineering Enterprises

*Glenn A. Brown*, LeRoy Crandall & Associates

*Frank C. Kresse*, Harding Lawson Associates

*Robert T. Misen*, Geotechnical Services

Westwood: G-33 East, UCLA Extension Building, 10995 Le Conte Avenue

CEU Noncredit Program  
Engineering 857.5 1.0 CEU  
Fee: \$295 EDP E4038E

## GENERAL INFORMATION

You may enroll at the door if space permits. Visitors are not permitted. Lunch is not included.

A service charge of \$15 is withheld from all refunds (full refund if course is canceled, discontinued, or rescheduled). No refund is granted unless written request is submitted before the program begins.

Parking on the UCLA campus without permit is \$3 per entry. There will be attendants at designated gates to collect the parking fee (dollar bills preferred).

For your convenience, enrollment may be charged on your MasterCard or VISA. Call (213) 825-9971 or 825-9981.

For further information, write or call Division of Science, UCLA Extension, P.O. Box 24901, Los Angeles, CA 90024 (213) 825-7093.

**Enroll now by mail** using form attached. For additional applications, use photocopy or separate sheet giving all information requested on form.

Mail Application for Enrollment (Please Print)

Spring 1986

EDP No.	Course Title and Number	Fee
E4038E	Groundwater Contamination—Detection, Monitoring, and Cleanup 857.5	\$295

\*Social Security Number

Name (First/Middle/Last)  Male  Female

\*Birthdate (Mo/Day/Yr)

Home Address

City/State/ZIP

Area Code/Daytime Phone

Mail to: P.O. Box 24901, Dept. K, UCLA Extension, Los Angeles, CA 90024

\*By Regental authority, your Social Security number is requested in order to verify your identity for accurate record keeping. Your providing the number and your birthdate is voluntary.

Check enclosed payable to:  
The Regents of the University of California

Charge:

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 VISA

Authorizing Signature

Mo/Yr

Expiration Date

In accordance with applicable Federal laws and University policy, the University of California does not discriminate in any of its policies, procedures, or practices on the basis of race, color, national origin, sex, sexual orientation, age, or handicap. Inquiries regarding the University's equal opportunity policies may be directed to Campus Counsel, 2241 Murphy Hall, UCLA, or the Director of the Office for Civil Rights, Department of Education. Please call (213) 825-7851 for information on special services for handicapped students.

1986 DUES STATEMENT

Dues for the Southern California Section of the Association of Engineering Geologists are now payable to the Treasurer, BOB ZWEIGLER. Your dues are used to pay for postage, printing of the newsletter, publication of field trip guidebooks, secretarial services, and section activities. The Section dues are \$13.00 per calendar year (\$4.00 for student members). Members who have not paid their dues by April will be dropped from the newsletter mailing list. You must be a member of the Association before you can join the Southern California Section, so be sure to pay your dues their also. Please return this entire form with your check payable to "Southern California Section, Association of Engineering Geologists" directly to the trasurer at the address below. If you have an address change, please notify AEG Headquarters in Short Hills, New Jersey. Thank you for sending your 1986 dues promptly.

NAME \_\_\_\_\_ Membership status: M AM SM AF

Indicate Preferred Address

(Home \_\_\_ Business \_\_\_) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_ Zip Code \_\_\_\_\_

Telephone \_\_\_\_\_

Please send entire form to : BOB ZWEIGLER  
Kovacs-Byer and Associates  
11430 Ventura Boulevard  
Studio City, California 91064

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Any firms or individuals that would like to help the local section with donations for raffle prizes are encouraged to contact Jim Shuttleworth at (213)738-4061. We're looking for small donations of \$25.00 or so, or items that would be appropriate for the raffle. Pledges for donations have been made thus far by Leighton & Assoc. L. Crandall & Assoc., and Converse Consultants. We thank these firms, very much, for their support.

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February Speaker

Mr. Charles Daughtery of the De Leuw Cather Company spoke to the section on the proposed eighteen and one-half mile long Metro Rail Project for Los Angeles. The ultimate system will connect the San Fernando Valley with down town LA. The system will be built in segments called MOS's (? "Main Operating Segments" ? - is that correct Charles?). Several geotechnical investigations have been conducted already for MOS 1, which will be the first built. But three or four new major investigations will be required for the remaining segments. This means there will be additional opportunities for geologists and geotechnical engineers. The stations will be built by the cut and cover method. The rest of the system will be constructed as mine tunnels. Soft ground tunnel boring machines will dig their way through the Puente and Fernando Formations except for the portion which traverses the Santa Monica Mountains. One of the main construction problems is gas. Realignment of some segments in the Wilshire corridor has resulted where gas is of particular concern, especially in the La Brea area.

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RAFFLE PRIZES ! - Now is your chance to win big ! Forget the California Lottery. Win free raffle prizes at the S. Calif. AEG meetings. All you have to do is buy dinner and you get several chances, or buy a chance at 50¢ each, or buy dinner and extra tickets too. Prizes include, among other things, Zip-A-Dip Protractors, Geologist's picks, books (good ones), Geologist's tools/instrument's, wine, imported beers, and much much more ! Take a chance. What do you have to loose?

Don Lamar announces a new vastly improved Zip-A-Dip. Now 33% thicker, made with a special (expensive !!) die which produces a smoother edge and greater precision. Still ridiculously cheap at: \$3.00 each; \$2.50, 2-10; \$2.00, 11-49; \$1.50, 50+. Please buy some and help Lamar pay for the die. Send money to:


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