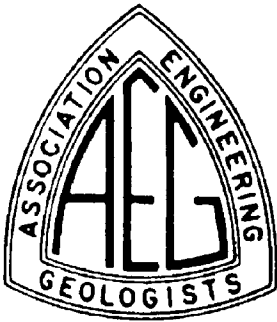


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Southern California Section

NEWSLETTER- January 1993

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Dinner Meeting *Tuesday, January 12th*

- The Quiet Cannon Restaurants
901 North Via San Clemente
Montebello
- Cost - \$20.00 (Full-Time Students - Free)
- Make reservations by Friday January 8th!!!
URS Consultants 714-660-7676
(Leave Your Name & Number of People in Your Party)
- 5:30 Social Hour
- 6:45 Dinner

Landslide Program

"Why Are Losses Increasing When
Technology Has Improved?"

by

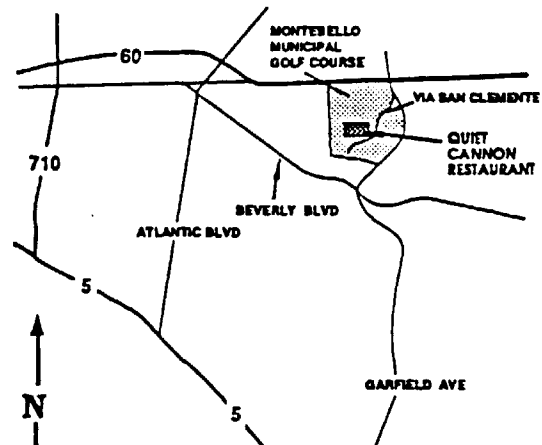
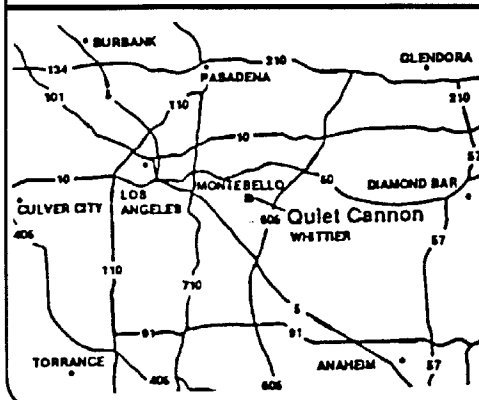
Dr. James Slosson, Slosson and Associates

"What You Don't Know About Them"

by

Dr. Martin Stout

MAP to Meeting



PROGRAM Topic & Speaker

TOPIC: LANDSLIDES

"Why Are Losses Increasing When Technology Has Improved?" Dr. James Slosson

"What You Don't Know About Them"
Dr. Martin Stout

Put on your thinking caps and come out tonight as this program will provide insight into landslide research, mitigation, new technology and also, the favorite among students, the Stout Kodachrome Exam.

Are Engineering Geologists and Geotechnical Engineers helping society to reduce landslide losses? Dr. James Slosson, Chief Engineering Geologist, Slosson and Associates, will discuss recent advances in technology used for exploration and identification of landslide hazards, and provide comments pertaining to the increasing losses caused by landslides. Dr. Slosson is the author of over 100 papers and articles describing natural/geologic hazards and documenting their consequences.

Dr. Martin Stout will present his "Stout Kodachrome Exam", a slide presentation that poses numerous questions, some of which may or may not have correct answers. Test your skill, accolades and acclaim may be yours for the evening. Dr. Stout will emphasize landslide identification technology developed over the recent years.

Dr. Slosson has served as a consultant and expert witness in over 30 cases involving landslide litigation in the western United States including the Thistle Landslide in Utah, the Flying Triangle Landslide in Palos Verdes, and the Big Rock Landslide in Malibu. Dr. Slosson received his Ph.D. in geology at the University of Southern California in 1958. He has held positions in the 1970's as the State Geologist for the State of California and as Chief of the California Division of Mines and Geology. He is currently a member of the National Research Council Committee on Ground Failure Hazards and a member of the Federal Emergency Management Agency/Colorado Department of Public Safety Advisory Committee for Landslide Hazard Mitigation. Dr. Slosson most recently co-authored the book "Forensic Engineering" with Gerard Shuirman which contains graphic case histories. Dr. Slosson received the 1993 Distinguished Practice Award presented by the Geological Society of America, Engineering Geology Division.

Dr. Martin Stout is Professor emeritus of the Department of Geological Sciences at California State University, Los Angeles, with over 30 years of teaching experience. Officially retired, he nevertheless remains active in professional organizations. He was recently re-elected chair of the Membership Committee for the Geological Society of America (GSA), serves on the Engineering Geology Division of GSA's Committee to select the Richard Jahns' distinguished lecturer and continues to serve on the Exam Committee for the State of California since 1980. He was appointed to the Advisory Board of the American Geophysical Union/Federal Emergency Management Earthquake Project to provide a nationwide curriculum package on earthquake materials to better prepare science teachers in grades 7-12. He is currently developing geologic field trips for earth science teachers in inner city schools. Information about these geologic field trips will be available to earth science teachers throughout southern California.

Job Opportunities

DIRECTOR, REMEDIAL INVESTIGATIONS:

Leighton & Associates, a leading Southern California geotechnical/environmental firm, is seeking a California Registered Geologist to lead our Environmental Remedial Investigation team. Must possess a minimum of 15 years experience and MS/Ph.D in geology/hydrogeology. Additionally, we require expertise and experience in soil/ground water site characterization, regulatory compliance for hazardous waste sites and superior managerial skills.

Leighton & Associates offers a competitive salary and benefits package. Qualified candidates should submit resume to: 2121 Alton Parkway
Irvine, CA 92714 EOE

Chairman's Column

I love this time of year. People are generally nicer to one another during the holidays. You have an opportunity to reflect on what you have done over the last year, or decade, and plan goals for the next year and decades. The winter solstice is past and we now get increasingly longer daylight hours to do fun things outdoors. Six months from now I will no longer be chairman of this AEG section.

The new year has started. It reminds me that this time of year 5 years ago I challenged myself as a "new year's resolution" to become more involved in the Southern California Section of AEG. This developed into a long-term commitment and advancement as an officer in the section. Just as I imagined so long ago, I am rewarded for my efforts to a far greater extent than my efforts justify. The rewards of volunteering is known to many people in general and have been clear to me for a long time. For example, national surveys indicate that 50% of the people in the U.S. volunteer an average of 4 or more hours a week for their volunteer organizations.

As a member of the association it's great to enjoy its benefits. However, for us to move forward we need to have more action from you, now. The time is right now, for you to have a "new-year's resolution" to have a brief or extended stint as an active participant, rather than as a passive observer in the Association. Talk to prospective members and get them to join. I was frankly surprised by the positive reception I got from several young geologists when I explained the history and goals of AEG and the benefits of membership. We need at least 50 more new members to join AEG in Southern California. I encourage you to talk up the Association and get involved.

You know the benefits of joining AEG are many. Listed below are some of the key benefits that come to my mind, not necessarily in order of importance. You probably know other benefits important to new members. Share them with prospective members.

Networking - meeting people working in your field or related fields at the local meetings. (This may include meeting people at other section meetings that may lead to interesting jobs.)

Publications - Quarterly AEGNEWS, Quarterly Bulletin, Monthly Section Newsletter, & Field Trip Guidebooks.

Local Monthly Meetings- At the Montebello Quiet Cannon Restaurant half of the time and at other Southern California locations, frequently as joint meetings with other professional organizations, e.g., *ASCE-Geotech.Group, SDAG, South Coast GS.*

Membership Directories - Association annual membership directory listing and Section membership photographic directory (most complete version available through Kelly Rowe).

Field Trips - Special-Impromptu and Annual

Short Courses - held at annual meetings around the country and during the year through sections.

Ties to Lobbyists in Sacramento and Washington D.C., et.al., who alert us to changes in legislation and regulations and help us propose legislation through officials.

Potential participation and leadership in various committees related to membership, professional registration, publications, field trips, legislation, education and public relations.

Purchase Field Trip Guidebooks and Other Special Publications Now!!!

The Section needs new members. We also need to sell our publications to increase the amount of money in our bank account. We reprinted many copies of our popular publications at the 1992 AEG annual meeting in Long Beach which we need to sell now. Because of the economy the attendance at the Long Beach meeting was less than expected, so we have many copies available for sale. The best way for anyone to get copies of our publications is to mail order them from Joe Cota at GeoSoils in Van Nuys. A copy of the list of available publications is regularly printed in this

newsletter. If you or your associates thought about buying copies later, *now is later*. The Section will appreciate your purchases and you will benefit from the rare and important information contained in our publications.

Clinton Administration Challenges

We have many things to look forward to this year and the following three years from the Clinton administration which I feel will be to the benefit of engineering geologists and the public. As an example of significant changes, there is now a female EPA head administrator and a geologist (former AZ Governor - Bruce Babbett) in charge of the Dept. of Interior. I expect that some of the environmental and conservation measures that were weakened during the Reagan and Bush administrations may become strengthened through additional changes under Clinton.

The challenges will be tremendous in overcoming older conservative ideas related to managing the environment. For example, there is a recognized need in the environmental community to develop less stringent cleanup criteria than are presently used in all situations; the reauthorization of the Endangered Species Act (with amendments) is overdue; the reauthorization of the Clean Water Act is overdue; and the CERCLA (Superfund) is due for reauthorization. Hopefully, new ideas from the Clinton administration on these and other issues will merge into a plan that will be sensitive to the environment and also encourage growth, without inflating our national debt any larger than it is and ruining additional businesses in California.

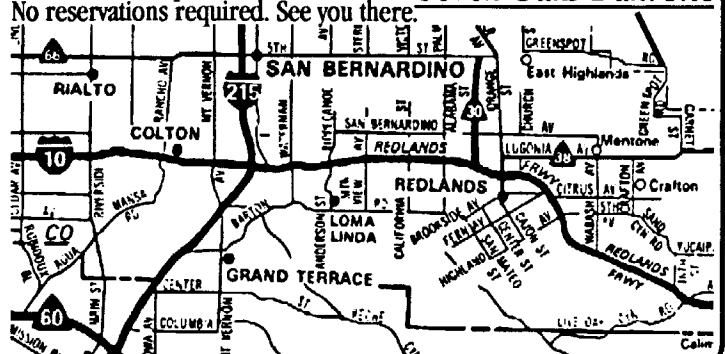
CDMG & AEG SCS- Hospital and School Siting EG Report Req. Short Course 2/27/93 in Orange County

Our Section, in conjunction with the California Division of Mines & Geology, has prepared an all-day short course on Saturday, February 27th on the requirements for submitting engineering geology reports for siting hospitals and schools in California. The course will be held in a beautiful conference room at my office complex next to the John Wayne (Orange County) Airport. It will cost \$60 for AEG members and \$90 for non-AEG members, including a course book, coffee, donuts & lunch. Continuing education units will be available for this course. Attendees can get a discount if they have an AEG membership application filled out along with an application check the day of the short course. Next month we will have an extended half-page description of the course in the newsletter, otherwise if you need additional information please feel free to give me a call.

U.S. Army Corps of Engineers & AEG Seven Oaks Dam Field Trip 1/16/93

A free half-day field trip is scheduled for 9:00 am Saturday January 16th at the Seven Oaks Dam site. Current development of this +500 feet tall dam site, northeast of Redlands, CA - on the Santa Ana River next to the San Andreas Fault, has exposed the geology beneath the right abutment and other portions of the site. The field trip will be led by one or more of the resident engineering geologists. Plan to bring a hard hat and steel-toed boots to walk around the site. The map below shows some of the roads to the dam site. Check in at the guard shack on the river, located about 5 miles east from Boulder Road on Greenspot Road.

Seven Oaks Dam Site



BOOK SALE

Association of Engineering Geologists, Southern California Section

- Blake, T., and Larson, R.A., Eds., 1991, Engineering Geology along the Simi-Santa Rosa fault system and adjacent areas, Simi Valley to Camarillo, Ventura County, California: Guidebook for the Southern California Section of the Association of Engineering Geologists Annual Field Trip, August 24, 1991, Volumes 1 and 2, 383 pgs., 4 map sheets. \$40.00
- Buckley, C.I., and Larson, R.A., Eds., 1990, Geology and Engineering Geology of the western Soledad Basin, Los Angeles County, California: Guidebook for the Southern California Section of the Association of Engineering Geologists Annual Field Trip, November 3, 1990, 185 pgs., 2 map sheets. \$25.00
- Buesch, D., Ed., 1979, Geomorphic Applications in Engineering Geology: A State-of-the-Art Short Course: Short course held at California State University at Los Angeles, November 10-11, 1979, reprinted by the Southern California Section of the Association of Engineering Geologists, 145 pgs. \$11.00
- Byer, J.W., Ed., 1975, Sycamore Canyon Fault, Verdugo Fault, York Boulevard Fault, Raymond Fault, and Sierra Madre Fault Zone: Guidebook for the Southern California Section of the Association of Engineering Geologists Annual Field Trip, September 27, 1975, 68 pgs. \$ 8.00
- City of Los Angeles, 1982, Geologic Maps of the Santa Monica Mountains, Los Angeles, California: 333 map sheets at 1" = 400', compiled by the Bureau of Engineering, Department of Public Works, City of Los Angeles, reprinted by the Southern California Section of the Association of Engineering Geologists, 342 pgs. \$26.00

1992 NEW ADDITIONS

- Sieh, K.E. and Matti, J.C., October 3-4, 1992, Earthquake Geology San Andreas Fault System Palm Springs to Palmdale, 35th Annual AEG Meeting, Guidebook and Reprint Volume. \$25.00
- Ehlig, P.L. and Steiner, E.A. Editors, October 2-9, 1992, Engineering Geology field Trips: Orange County, Santa Monica Mountains and Malibu. 35th Annual AEG Meeting, \$25.00 **Optional Map and Cross Section of Big Rock Mesa \$15.00
- Bulleting of the Association of Engineering Geology, Volume XX, Number 1. Contains "Geology of Long Beach, California". Limited Supply \$5.00
- Ebersold, D.B. Editor, October 10, 1992, Landers Earthquake of June 28, 1992, San Bernardino County, California Field Trip Guide. Limited Supply \$8.00
- Stout, M. L., Editor, 1992, Association of Engineering Geologists. Proceedings for the 35th Annual Meeting, October 2-9, 1992, Los Angeles, California. \$40.00
- Shurman, G. and Slosson, James, 1992, Forensic Engineering. Environmental Case Histories for Civil Engineers and Geologists. Academic Press, Inc. \$49.95
- Pipkin, B.W. and Proctor, R.J., Editors, 1992, Engineering Geology Practice in Southern California, Star Publishing \$79.95 plus a special charge of \$5.00 shipping and handling.

Books are available from: Joe Cota, Publications Chairman, AEG Southern California Section, c/o GeoSoils, Inc., 6634 Valjean Avenue, Van Nuys, California 91406, (818) 785-2158. Make checks payable to AEG Southern California Section. **Please add 8.25% sales tax and the following postage/handling charges:** \$2.50 for the first book and \$0.50 for each additional book.



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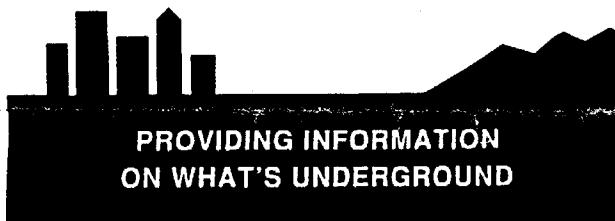
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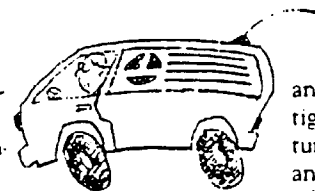
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Seminars/Meetings/Field Trips

January 1993

- 12 AEG Southern California Section Meeting. Quiet Cannon, Montebello. CONTACT URS (714) 660-7676
16 Seven Oaks Dam Field Trip. CONTACT Kelly Rowe (714) 660-7676

February 1993

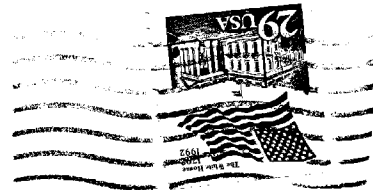
- 9 AEG Southern California Section Meeting. Quiet Cannon, Montebello. CONTACT URS (714) 660-7676
8-11 Ninth Thematic Conference - Geologic Remote Sensing, Exploration, Environment, and Engineering, Pasadena, California. CONTACT (313) 994-1200 EXT. 3234

March 1993

- 23-26 Fundamentals of Ground-Water Monitoring and Sampling Technology: A Field Practice Course. Tampa, FL. CONTACT (614) 792-0005
23-26 Surface Geophysical Application to Ground Water Investigations, Tampa, FL. CONTACT (614) 792-0006.

*JUST A REMINDER - YOU ARE IMPORTANT TO AEG
PLEASE RENEW YOUR AEG MEMBERSHIP NOW!*

Kathleen R. Williams
AEG Newsletter Editor
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