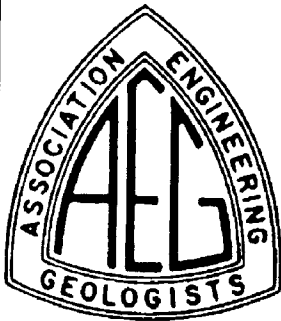


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Southern California Section

NEWSLETTER- August 1993

Dinner Meeting *Tuesday, August 10th*

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- The Quiet Cannon
901 North Via San Clemente
Montebello, California
- Cost - \$20.00 (Full-Time Students - Free)
- Make reservations by Friday, August 6th!!!
Geosoils (818) 785-2158
(Leave Your Name & Number of People in Your Party)

- 5:30 Social Hour
- 6:45 Dinner

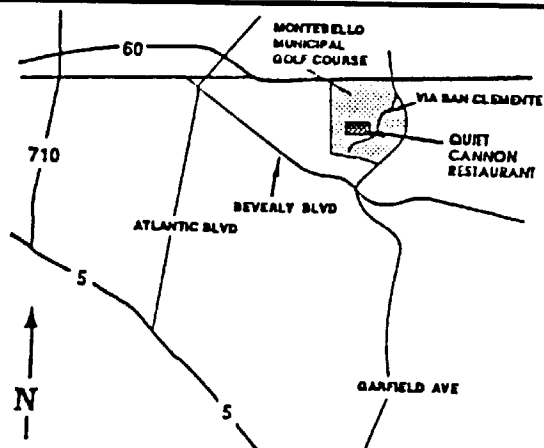
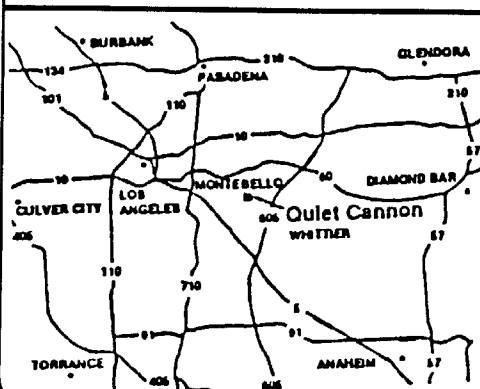
Program

"A Practical Approach to Environmental Compliance Under RCRA"

by

Sally W. Bilodeau, EMCON Associates

MAP to Meeting



AUGUST PROGRAM

Topic: A Practical Approach to Environmental Compliance Under RCRA

Speaker: Sally W. Bilodeau, EMCON Associates

As consultants facing an economic decline in the 1990s, we are challenged to assist our clients in meeting strict federal and state regulations regarding environmental compliance. Typical compliance issues involve operations and maintenance, environmental assessment, waste management, waste minimization, clean up, closure, and monitoring of active and inactive sites. The economic burden for environmental compliance in California is one of the highest in the nation. It is credited as being partially responsible for the exodus of industry from the state.

Meeting the intent of the regulations while scientifically managing the inherent uncertainty in the evaluation process is a technique well suited to environmental compliance issues. Case histories are explored to apply the concept of determining data sufficiency for decision making. Successful operations where environmental permits have been obtained are examined to determine what portions of the data collected were critical to the decision making and permitting process and what portions of the data were extraneous. The purpose of the evaluation is to aid in focusing future data collection activities at these and other sites to the areas that provide the most benefit. Due to the cost impacts associated with groundwater monitoring and remediation the case histories specifically address the clean up schedules, monitoring parameters, monitoring frequency, and statistical analysis of data.

Sally W. Bilodeau is a California Certified Engineering Geologist that received her B.A. in Earth Science from California State University at Fullerton and her M.S. from Stanford University. She is currently the Director of Geologic Services for EMCON Associates Camarillo office. Her specialties are in regulatory compliance, groundwater impact assessment, and groundwater remediation.

SYMPOSIUM ANNOUNCEMENT

A symposium, tentatively entitled "Effects of the 1993 Storm Events on Southern California" will be convened at the March 1994 Geological Society of America Cordilleran Section Meeting at California State University San Bernardino. The symposium is sponsored by the Engineering Geology Division and intended to document the storm events and related problems including, but not limited to, landslides, floods, rising groundwater affecting contaminant remediation or foundation conditions, unanticipated seepage, atmospheric phenomenon, and social-political aspects. Participation is by invitation and consists of a 15-minute oral presentation at the meeting and submittal of an abstract by October 1993. Reports on storm-damaged areas outside of southern California may also be considered if there is sufficient interest. If you would like to propose and appropriate presentation, please contact Robert A. Larson at (818) 786-8884.

JOB OPPORTUNITIES

Mission Geoscience, Inc. has immediate openings for both staff-level and project-level geologists. Experience with both engineering geologic and hydrogeologic field work preferred. Project-level candidates should possess at least three years' management experience; possession of State registration and advanced degree also preferred, but not required.

Please submit resumes in confidence to:
Mission Geoscience, Inc.
1000 Quail Street, Suite 200
Newport Beach, CA 92660
Attention: Melissa Merrifield, Office Manager

M&T AGRA, Inc. (formerly Moore & Taber) is hiring ENGINEERING GEOLOGISTS, at Project or Senior level. CEG and 40 hour certified required. Resumes, in confidence, to:

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Chairman's Column

Kelly E. Rowe

This is my last column for the newsletter as chairman of the AEG Southern California Section. What a year it has been. Over the year local interest in AEG has been high due in large part to the annual meeting we sponsored in Long Beach last October. We had produced many excellent publications relative to field trips and the special publication "*Engineering Geology Practice in Southern California*". These showed the local and regional scientific and engineering community that AEG is a vibrant and positive influence on the course of geological and engineering practices. As a bonus to the year the Landers and Big Bear Earthquakes were and continue to be fascinating events. Thanks go to many individuals, too numerous to mention, who shared their time, effort and skills to make this an outstanding year for our profession. Special appreciation is given to past-chairman, John Byer, for running the annual meeting, and to Dr. Martin Stout for managing the technical sessions.

Although I will soon no longer be chairman of the section my interest in AEG will continue as the photographic directory manager and the education committee co-chairman. I will still sneak up on people with my camera to take member's photos at our meetings. There are about 160 members whose photos are scanned and in a photographic database. My goal is to collect 200 photos of members and publish it as a photographic directory. The last 40 appears to be tough going. Feel free to send me a photo of yourself for scanning. If you want it returned it's no problem.

The education committee has much work to do to make it a valuable resource for teachers and geologists in southern California. As co-chairman I pledge to better collect and organize the database of the names and addresses earth science teachers and participating/teachers-assistant geologists. There is a great future need to have adequately trained scientists and engineers in our society to continue our prosperity. If there is nobody to do the work, who will, if we do not inspire kids to study and do the fun work we do. The education committee co-chair positions are open for getting it in better shape.

The third annual joint meeting we had in July with the San Diego Association of Geologists (SDAG) and the first time meeting with the IGS was a great success. Mark Bergmann showed details of his work on the slip rate for the Wildomar Fault in Murrieta. Dr. James Slosson provided guidance on the identification of landslides in the Pacific Palisades area.

As a result of Dr. Slosson's presentation the SDAG officers approached Dr. Martin Stout to teach a short course on landslide recognition, identification, and mitigation. Our section is co-sponsoring the short course with the SDAG. Thankfully SDAG are running it with help and advice by our section. AEG will provide continuing education credit of 0.7 unit to participants. Take note the course will be held in San Diego, at a currently undisclosed location, on Saturday, August 28th. Call Lyne Perry (619-445-3928) or Mike Hart (619-578-4672) for further details. The form for the course is provided below.

Hydrogeology Certification Update

The California Assembly Committee on Consumer Protection, Government Efficiency and Economic Development recently considered Senate Bill 433, the hydrogeology certification legislation. As a result of their meeting they raised the issue of grandfathering currently practicing hydrogeologists as certified hydrogeologists in California, and made the Senate Bill 433 as a 2 year bill. A response from the membership of AEG throughout the state is being solicited on whether you are in favor of grandfathering. If you are either in support or opposition let me or other officers of the section know. We will take a show of hands at the August meeting as a quick poll on the issue. Undoubtedly, there will be many practicing hydrogeologists at this meeting, because it is an environmental talk and will attract the increasingly larger portion of AEG members in southern California. In addition, a flyer was sent to environmental consultants advertising the meeting. Looking forward to seeing you there.

Short Course on Landslides: Recognition, Investigation, and Mitigation

August 28th
San Diego, California

8:30 a.m. to 5:00 p.m.

Name _____

Phone Work _____ Home _____

Address: _____

Affiliation: AEG SDAG

Co-Sponsored by the AEG Southern California Section & San Diego Association of Geologists

The San Diego Association of Geologists in cooperation with the Southern California Section of the Association of Engineering Geologists announces a one day short course titled: Landslides: Recognition, Investigation, and Mitigation. The course will be presented by Dr. Martin Stout, an internationally recognized landslide expert, on Saturday, August 28, 1993 in San Diego. The cost is \$45.00 and will include lunch and course syllabus.

To register send \$45.00 to:

Ms. Lyne Perry
2157 Arnold Way, #724
Alpine, CA 91901.

For more information, call
Lyne Perry (619) 445-3928 or
Mike Hart (619) 578-4672.

See you there!

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

- Sleh, K.E. and Matfi, 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
- Bulletin 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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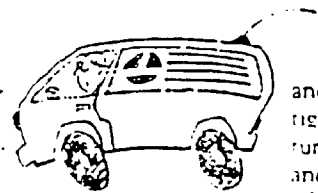
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Seminars/Meetings/Field Trips

August 1993

10 Southern California Section AEG Meeting. Speaker: Sally Bilodeau, CONTACT Geosoils (818) 785-2158.

September 1993

13 Joint AEG/South Coast Geologic Meeting, Revere House, Tustin. CONTACT Geosoils (818) 785-2158

20 RG Exam

21 CEG Exam

October 1993

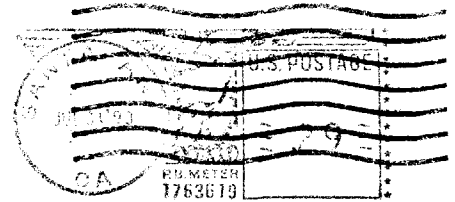
12-14 Annual AEG Meeting, San Antonio, Texas, CONTACT (214) 941-3808

25-28 Annual GSA Meeting, Boston

November 1993

6-7 SDAG Field Trip Colorado Desert/Salton Trough area. CONTACT: Joe Coronas (610) 492-5034

9 Southern California Section AEG Meeting, The Quiet Cannon, Montebello. CONTACT Geosoils (818) 785-2158



Kathleen R. Williams
AEG Newsletter Editor
c/o GeoResearch
3960 Gilman Street
Long Beach, CA 90815

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