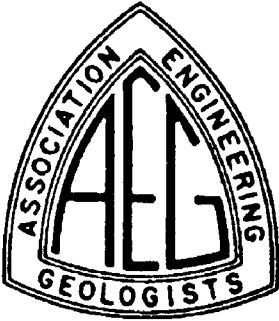


Association of Engineering Geologists

"Serving Professionals in Engineering, Environmental and Ground-Water Geology Since 1957"



James O'Tousa
Chairman
(818)993-1211

Robert A. Larson
Vice Chairman
(818) 458-4923

Tony Stirbys
Secretary
(213) 362-6176

Joseph A. Cota
Treasurer
(818) 785-2158

Tania Gonzalez
Membership Chairman
(909) 860-7772

William LaChapelle
Publications Chairman
(805) 374-9721

Dave Ebersold
Newsletter Editor
12 Issues/year-\$30 to 'AEG'
(Full-Time Students \$10/year)
(818) 796-9141
(818) 568-6103 FAX
c/o Montgomery Watson
301 North Lake Avenue
Suite 600
Pasadena, CA 91101

Southern California Section NEWSLETTER- January 1994

Dinner Meeting - Tuesday, January 18

- The Quiet Cannon Restaurants
901 North Via San Clemente
Montebello
- Cost - \$20.00 (Full-Time Students - \$5.00)
- Make reservations by Friday January 14!!!
Geosoils (818) 785-2158
(Leave Your Name & Number of People in Your Party)
- 5:30 Social Hour
- 6:45 Dinner

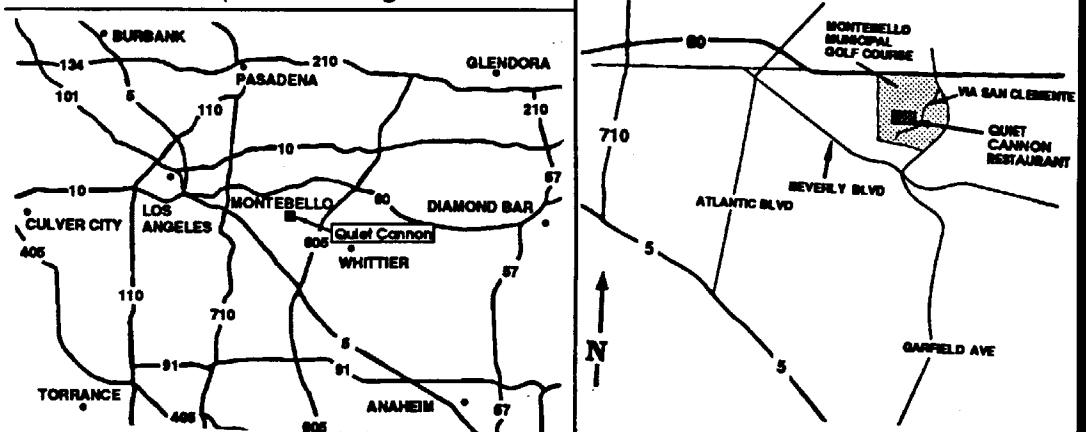
Program

Geological Aspects of Hazardous Waste Management by

Stephen M. Testa
Applied Environmental Systems

PUBLICATION RAFFLE: Everyone attending the meeting will automatically be entered into the raffle. This month's prize is **LOS ANGELES METRO RAIL SYSTEM FIELD TRIP GUIDEBOOK.**

Map to Meeting



PROGRAM Topic & Speaker

Topic: "Geological Aspects of Hazardous Waste Management"

Speaker: Stephen M. Testa, Applied Environmental Systems

Mr. Testa's talk will focus on the the role of the geologist in addressing the problems associated with hazardous and toxic wastes. Principal aspects of hazardous waste management as they apply to the subsurface include regulatory requirements, geologic and hydrogeologic principles, and geologic and geophysical techniques used for characterization and monitoring. The influence of subsurface geologic and hydrogeologic conditions on the decision-making process and their interface with critical issues facing industry, government, and the public are of paramount importance to us all.

Job Opportunity

Large L.A. area environmental consulting firm is seeking a Registered Geologist with sales, client management, and project management experience to expand existing geological/hydrogeological services. Ability to manage other geologists necessary. Three to five years environmental experience required. Salary negotiable and dependent on experience.

Respond in confidence to Personnel Director, 1227 N. Brighton Street, Burbank, CA 91506.



**Environmental
Geotechnology
Laboratory**

An Independent Environmental Geotechnical Testing Laboratory

- | | |
|----------------------------|--------------------------------|
| ● Grain Size Analysis | ● Hydraulic Conductivity |
| ● Atterberg Limits | ● Air Permeability |
| ● Bulk Density | ● Capillary-Moisture |
| ● Specific Gravity | ● Effective Porosity |
| ● Total Organic Carbon | ● Solidification/Stabilization |
| ● Cation Exchange Capacity | ● Compatibility of Clay Liners |
| ● Moisture Content | ● Leachability |
| ● Porosity | ● Unconfined Compression |
| ● Compaction | ● Direct Shear |
| ● Consolidation | ● Triaxial Shear |

We take pride in providing a fast and quality service at very competitive rates.

For more information, please call Kean Tan at (800)945-5638

Section News

At the December 13 AEG meeting, Earl Brabb with the U.S.G.S. presented an excellent talk on the preparation of landslide susceptibility maps of large areas in a short time by analyzing the relationship between past landslide distribution, geology and slope. The maps are intended as a planning tool and serve a critical purpose in educating planners, regulators, and the public regarding the magnituded of the hazards posed by landslides in certain areas. Those of us who practice in southern California often take the degree of geological sophistication in our community for granted. Many areas, even within California, have virtually no local requirements for the investigation of subsurface geologic conditions. This holds particularly true in other areas of the world, particularly developing countries. Earl has developed a prototype for a worldwide landslide mapping project based on his past work and the availability of GIS technology; all he needs now is some money to implement it! Great talk Earl!

Richard J. Proctor, Southern California Section member, is co-author of a new book for laymen, realtors, planners, and geologists titled "Citizens Guide to Geologic Hazards," 1993, 134pp. The book is available from the American Institute of Professional Geologists, 7828 Vance Drive, Suite 103, Arvada, CO, 80003-2125, for \$19.95.

NEW MEMBERS GET FREE DINNER AT THE JANUARY 18TH SECTION MEETING! The following people were recently approved for AEG membership and will receive dinner compliments of the Section at the January 18th meeting: **Kim Bishop, Andrew Hendrickson, Scott Marshall, Stephen Miller, David Murphy, Michael Spira, and Jeffrey Wilson.** Welcome to AEG!

We need your help! Several of our members have changed jobs or moved but have not provided us with a current address. If you know where any of these people are, please give Tony Stirbys a call at 213-362-6176.

James Wilkerson
Steve McCollum
John Ege
Welford Garner
Dorinda Sue Himes
James Glaze
R. Anthony Mahavier

SECTION COMMITTEE CHAIRS

Professional Registration:
Bob Hollingsworth (818) 889-0844

Public Relations:
Unfilled

Legislative Affairs:
Hugh Robertson (818) 373-0057

Field Trips:
Unfilled

Short Course:
Deems Padget (818) 568-7000

Education:
Kelly Rowe (714) 979-7790
Kathy Williams (310) 597-3977

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. **\$30.00 PRICE REDUCED**
- 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
- 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
- Leighton, Beach F., 1992, Mitigation of Geotechnical Litigation in California, Munson Books. \$44.00
- Shlemon, R. J. Applications of Soil Stratigraphy to Engineering and Environmental Geology, Association of Engineering Geology, Southern California Section Short Course Notes, June 5, 1993. \$35.00
- 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
- Stout, M. L., Editor, 1992, Association of Engineering Geologists. Proceedings for the 35th Annual Meeting, October 2-9, 1992, Los Angeles, California. \$40.00
- Scullin, M.C., 1983, Excavation and Grading Code Administration, Instruction, and Enforcement, Prentice-Hall, Inc. \$25.00
- Stirbys, Anthony F., et. al., October 2-9, 1992, Los Angeles Metro Rail System Field Trip Guidebook, AEG 35th Annual Meeting, Long Beach, California; \$25.00
- Stout, M.L., 1976, Geologic Guide to the San Bernardino Mountains, Southern California. Guidebook for the Southern California Section of the Association of Engineering Geologists Annual Field Trip, May 22, 1976; 115 pages \$11.00
- Shuirman, 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, 779 pages, \$79.95 plus a special charge of \$5.00 shipping and handling.

Books are available from: Bill LaChapelle, Publications Chairman, AEG Southern California Section. c/o Cal-Geo Corporation, 380 Thorpe Circle, Thousand Oaks, California 91360, Telephone (805) 374-9721; FAX (805) 496-5244. 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.

Seminars/Meetings/Field Trips

January 1994

18 **Southern California Section AEG meeting, The Quiet Cannon, Montebello. "Geological Aspects of Hazardous Waste Management" by Stephen M. Testa, Applied Environmental Systems**

February 1994

8 **Southern California Section AEG meeting, The Quiet Cannon, Montebello. "Erosion in Southern California Fire Areas" by Julia Grim, Soil Conservation Service**

March 1994

8 **Joint Meeting with ACSE, The Quiet Cannon, Montebello. "The Newmark Method of Seismic Slope Analysis" by Randy Jibson, U.S.G.S.**



**Dave Ebersold
AEG Newsletter Editor
c/o Montgomery Watson
301 North Lake Avenue
Suite 600
Pasadena, CA 91101**

FIRST CLASS POSTAGE