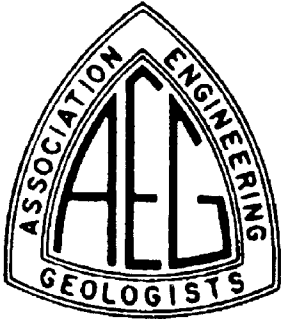


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Southern California Section

NEWSLETTER-March 1993

Joint AEG/ASCE Dinner Meeting Wednesday, March 13th

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- Stevens Steak House
5332 Stevens Place
City of Commerce
- Cost - \$20.00 (\$5 with valid Student I.D.)
- Make reservations by Friday March 12th!!!
URS Consultants 714-660-7676
(Leave Your Name & Number of People in Your Party)
- 5:30 Social Hour
- 6:30 Dinner
- 7:30 Program

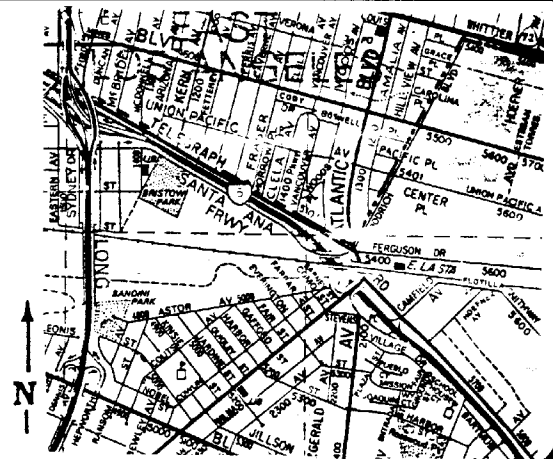
Program

"Design Strategies for Pressure Tunnels and Shafts"

by

Professor Tor L. Brekke, Professor Emeritus
Department of Civil Engineering
University of California, Berkeley

MAP to Meeting



PROGRAM
Topic & Speaker

Topic: "Design of Pressure Tunnel and Shafts in Fracture Rock"

Speaker: Professor Emeritus Tor L. Brekke, Department of Civil Engineering, University of California at Berkeley.

Professor Brekke will speak about his current work on design of pressure tunnels and shafts in fractured rock. He will make extensive use of case histories to illustrate design strategies, including several recent and upcoming hydroelectric and water supply tunnels in Southern California. He will address some of the hydraulic and structural aspects of design along with geological and geotechnical design considerations.

BOARD SETS DATES FOR NEXT REGISTRATION EXAM

The State Board of Registration for Geologists and Geophysicists has scheduled the 1993 registration exams for September 20 and 21, 1993. The RG and Geophysics exams will be given on the 20th, the CEG exam will be given on the 21st. The location where the exams will be given has not been determined yet. Candidates are invited to request their application packages from the Board by writing to:

State Board of Registration for Geologists and Geophysicists
400 R Street, Suite 4060
Sacramento, California 95814
Attention: Regina Rao, Licensing Coordinator

VOLUNTEERS!!!??!!

Mr. Bob Ruff needs volunteers to assist him with the education committee group. Specifically, he would like geologists interested in putting together slide presentations for high schools and elementary schools. Mr. Bob Ruff can be reached at (714) 549-8921.

AMENDMENT TO SECTION 7051 GAINS SUPPORT.

Mr. Frank Dellachaie, Executive Officer of the State Board of Registration for Geologists and Geophysicists received assurance from Mr. Robert Porter, Contractors State License Board, that they will support legislation sponsored by the State Board of Registration for Geologists and Geophysicists which will amend business and Professions Code Section 7051 to include registered geologists within the exemption from the contractors licensing laws. The following language has been suggested.

Section 7051 of the Business and Professions code is amended to read:

7051. This chapter does not apply to a licensed architect or a registered civil or professional engineer acting solely in his professional capacity or to a licensed structural pest operator acting within the scope of his license or a registered geologist operating within the scope of the Geologist and Geophysicist Act.

SACRAMENTO NEWS

AEG is active in Sacramento where supporters are inching forward in their quest to amend and initiate legislation dealing with issues confronting geologists in their profession. Currently, work is being done to formally include hydrogeologists as a professional entity under the State Board of Registration for Geologists and Geophysicists. We are also trying to change the Business and Professions code adding Geologists to the list of professionals for which a "Certificate of Merit" must be obtained.

Mr. Hugh Robertson, Committee Chair for Legislative Affairs, AEG, Southern California Section, has requested that members having knowledge of any legislation involving geologists call Hugh and tell him about it. Hugh can be reached at (805) 991-6367.

Chairman's Column

Kelly E. Rowe

Here it's March, time for green beer on St. Patrick's Day, time change-springing forward one hour, and time for our annual joint meeting with the ASCE Geotechnical Group. Yes, it is on the 17th - St. Patrick's Day. Please feel free to come to the meeting and perhaps you will encounter some leprechauns or old friends and acquaintances from work or school.

CDMG Workshop/Short Course

The CDMG course on the Preparation and Review of Engineering Geologic/Seismicity Reports for Schools and Hospitals on February 27th went quite well. It was put on with the cooperation of the California Office of Statewide Health Planning and Development and sponsored by all of the AEG California Sections. The several speakers from CDMG covered many aspects of the subject rather rapidly and left some questions remaining to be answered. The people who attended, however, will get their answers. I have to provide their addresses to CDMG. Trinda Bedrossian, C.E.G., supervising geologist with CDMG, is commended for the time and effort undertaken by her and her staff in presenting the course.

The second edition of this course will be given on March 13 in Oakland in Preservation Park. Call Allen Driscoll for reservation information (510-526-5805). The cost is \$65 for AEG members and \$90 for Non-AEG members.

We had a total of 80 copies of the course book available at the time of the course. All of which save one have been sold. There are plans to reproduce more if the demand is significant. Together with the other AEG California Sections, we will over the next 2 months have a copy of the course book available for review at our meetings. A survey will be taken during meeting announcements and requests for the book will be totaled to determine the demand. Leave me a message at my office to know if you are interested.

Upcoming Short Courses in May and August

Upcoming short courses include one to be given by Dr. Roy Shlemon in May. The tentative title of the course is "*Application of Soil Stratigraphy to Engineering Geology*". Another short course will be given relative to environmental and groundwater issues, sometime in August. If you have any ideas on topics for short courses please feel free to let me know. For example, the recent CDMG course was started based upon concerns and disputes AEG members had on the way reviews were being conducted by the state on engineering geology and seismicity reports. AEG is a forum for people to discuss and promote engineering, environmental and groundwater geology. Feel free to join in.

The recent rains and associated damage to homes and buildings due to slope movement has gained much attention on the activities of geologists. For example, Tom Slosson, with Slosson & Assoc., was interviewed on TV relative to the Anaheim Hills massive landslide, Gail Vogt, with Zeiser Geotechnical, was interviewed on TV recently relative to the San Clemente hillside failure onto the Santa Fe rail line, prohibiting AM Track passenger movement between San Diego and Los Angeles. More rain in our area should cause us to see many more familiar faces on the tube.

AEG Southern California Section Education Committee Database

I formally appeal to you to participate in the founding of the AEG So. California Section Education Database. The Education Committee has compiled a significant collection of slides related to geology and engineering geology for presentation to students ranging in age from 7-fifth grade to high school. Lessons have also been collected for use to educate students on principles of geology and engineering. These materials are no good to anyone if they are not shared. We can all be a little more altruistic in sharing our understanding of what we know to future scientists, engineers, and voters. Therefore, at this juncture feel free to notify the official education database manager (me) that you are interested in participating in this database.

The database will contain the current names, addresses and telephone numbers of interested teachers and geologists in Southern California. (1) Interested teachers will contact the education database manager on the availability of geologists to assist them in teaching their students. (2) The names and telephone numbers of listed geologists who live locally to the teacher in the database will be given to the teacher. (3) Materials available from the Education Committee will be coordinated and distributed to the geologists for use with the students. Education Committee members will have 2 to 3 repositories available in Southern California to obtain the materials for classes.

Sounds pretty simple. It is. It only takes communication. So far as a start there are over 50 teachers and geologists in the database. It would be nice to include all of the AEG members in Southern California in the database, but this will not be done without your approval. So let me know. One or two visits a year to tell kids what you know about geology can't be that tough to do.

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 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
- 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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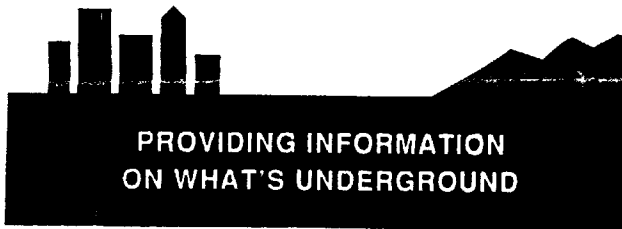
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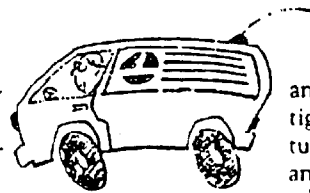
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Seminars/Meetings/Field Trips

March 1993

13 Preparation and Review of Engineering Geology/Seismic Reports for Hospital and School Sites in California. Short Course, Northern California., CONTACT Kelly Rowe (714)660-7676.

17 Joint Meeting Geotechnical Engineering Group/ASCE and AEG, Steven's Steak House, City of Industry. CONTACT URS (714)660-7676

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

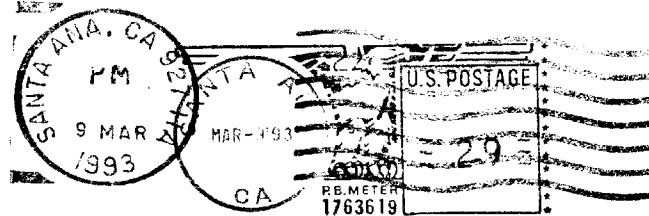
23-26 Surface Geophysical Application to Ground Water Investigations, Tampa, FL. CONTACT (614) 792-0006.

April 1993

13 Southern California Section AEG Meeting, Knollwood CC. CONTACT URS (174)660-7676

May 1993

25-27 The 7th National Outdoor Action Conference to Feature Aquifer Restoration, Ground Water monitoring, and Geophysical methods. Las Vegas, Nv. CONTACT NGWA (800) 551-7379



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