

# Association of Engineering Geologists

## Southern California Section

### NEWSLETTER- August 1991



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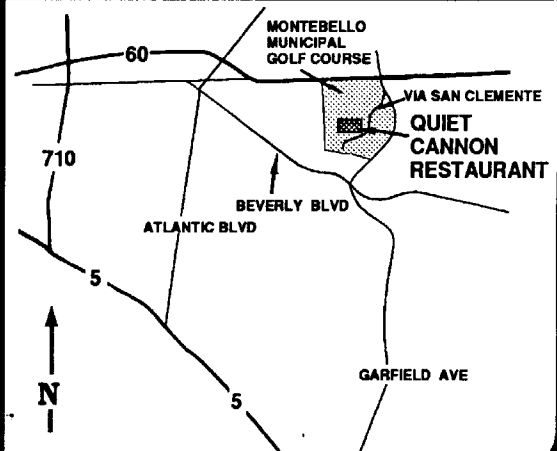
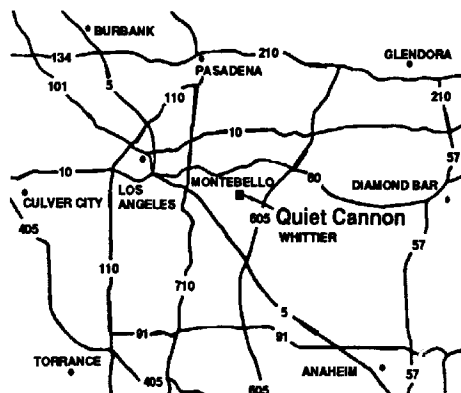
#### Dinner Meeting *Tuesday August 13th*

- The Quiet Cannon Restaurant  
901 North Via San Clemente  
Montebello
- Cost - \$20.00 (Full-Time Students - Free)
- Make reservations by Friday August 9th!!!**  
Grace (Leighton & Associates) 714-860-7772  
(Leave Your Name & Number of People in Your Party)
- 5:30 Social Hour
- 6:45 Dinner
- 7:30 Announcements
- 8:00 Program

### Program

**TOPICS Highlights of the Upcoming August 24th AEG Field Trip, by Thomas Blake (Staal, Gardner & Dunne); and Environmental Assessment Issues, by Kelly Rowe (Gheraty and Miller)**

#### MAP to Meeting



## PROGRAM Topics & Speakers

**Thomas F. Blake** an engineering geologist with Staal, Gardner and Dunne in Ventura will be talking about the **upcoming field trip of the Southern California Section of AEG**. Tom, who is the field trip leader and field trip guidebook editor, has prepared a short presentation to discuss the highlights of the engineering geology in the vicinity of Simi Valley and Camarillo. Exploratory excavations conducted as part of development studies have provided additional insight into the structural geology and engineering geology of these areas. Significant interest in the geology of these areas is evidenced by over 150 people signing up for this field trip to be held August 24th.

**Kelly Rowe**, geohydrologist with Gherarty and Miller, and vice-chairman of the Southern California Section of AEG will discuss the **environmental assessment issues discussed at the Environmental Assessment Conference in Columbus, Ohio**, this July 29th to 31st. The conference was organized by the Association of Ground Water Scientists and Engineers division of the National Water Well Association. Specific topics that were addressed at this conference, and that Kelly will share with us include:

Δ what is an environmental assessment? There is much confusion as to what an environmental assessment is, and yet geologists in southern California will be increasingly involved in these kinds of projects.

Δ liability issues associated with environmental assessments.

## REPORT FROM THE LEGISLATION COMMITTEE (BY HUGH ROBERTSON, CHAIRMAN)

Assembly Bill 892, Tanner, which proposes to change the name of the Registration Board and to provide for registration of Hydrogeologists, was passed out of the State Assembly. The bill is being held for a year before being pushed through the Senate. The bill is presently in the Senate Business and Professional Committee. There is apparently much opposition to this bill in the Senate, therefore, it may be difficult for it to get passed. It is our understanding that the Tanner Bill is intended to put pressure on the Registration Board to begin to address registration of Hydrogeologists. Our Registration Board is actively looking at this issue through the Professional Practice Committee. Present thoughts are to establish a Hydrogeologist Certification similar to the Engineering Geologist Certification. The exact nature of this certification has not been established. What are your thoughts? Should an exam be required? Should a person be able to grandfather into the new certification? What should be the educational requirements, given the difference in courses now offered on groundwater geology that were not offered 5 or 10 years ago when currently Registered Engineering Geologists were finishing their college education? If anyone has comments or thoughts regarding these issues, contact Hugh Robertson at (805) 373-0057, or write to him care of Robertson Geotechnical Inc., 2500 Townsgate Road, Suite E, Westlake Village, California, 91361.

The request for funding for enforcement was lost from the Registration Board's budget. A bill was passed by the Legislature to appropriate all surplus money, over 3 months, existing in the registration board's budgets and applying it to the General fund. It is our understanding that some litigation may be planned as other registration boards were hit harder than the Geology Board. This bill may be challenged in court or challenged in the Legislature when they come back into session in August. The hope is that our past efforts to obtain funding for enforcement and support from some of our past critics may make it possible to request an augmentation be added to a bill after August 19th to allow us funding for enforcement. It would be important that Consumer Affairs support this request. Bill Keese, our lobbyist in Sacramento, is working on this issue.

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### SECTION COMMITTEE CHAIRS

**Professional Registration:** Bob Hollingsworth (818) 889-0844

**Public Relations:** Robert Ruff (714) 549-8921

**Legislative Affairs:** Hugh Robertson (805) 373-0057

**Short Course:** Dave Grover (818) 889-0844

**Field Trips:** Robert Larson (818) 458-4923

## **PROGRESS REPORT REGARDING THE 1992 AEG ANNUAL MEETING IN LONG BEACH, CALIFORNIA**

**(BY JOHN W. BYER, MEETING CHAIRMAN)**

The theme for next year's AEG Annual Meeting is "Engineering Geology into the Twenty-first Century." In keeping with this theme, the opening session of Tuesday, October 26th, will feature three prominent speakers within the fields of seismicity, environmental issues, and legal issues. Four concurrent technical sessions are planned. Major topics include Engineering Geology, Seismicity, Environment, and Consulting Practice. Topics to be covered under Engineering Geology include Major Landslides, Interpretation of Geologic Data, Local Topics, and Engineering Geologic Aspects of each of the four field trips to be held on Friday, October 9. Topics to be discussed in the Seismicity sessions include Legislation and Regulation, Active Faults, Retrofitting of Pre-1933 Buildings, Retrofitting of California Department of Transportation Highway Structures, and Earthquake Ground Failures. The Environmental sessions will feature Hydrogeology, Site Remediation, Waste Disposal, and Groundwater Management. Papers presented for the Consulting Practice sessions will deal with Legal Issues, Registration of Geologists, Loss Prevention, Exhibitor Talks, and Academic Issues.

Short courses are planned dealing with topics including Groundwater, Earthquake Site Analysis, Standard of Care and The Law, and Photographic Techniques. Two symposia are planned as part of the technical sessions. On Wednesday, October 7, a seismicity symposium entitled "Earthquake Induced Ground Failures" will be presented. Also on Wednesday morning, an engineering geology symposium on "Subsidence and Fissuring" will be offered.

Two overnight field trips and one optional overnight field trip will be offered on the weekend before the meeting. The first trip will leave from the Palm Springs area and will travel along the San Andreas fault as far north as the Palmdale area. Dr. Kerry Sieh, with the California Institute of Technology, and John Matti, with the United States Geological Survey, will be present to point out features along southern California's most famous fault. The second overnight field trip will leave Reno, Nevada and travel along the eastern front of the Sierra Nevada Mountains. This trip will feature geomorphic features associated with young faulting and alpine glaciation. Along the Owens Valley, features associated with the 1872 Lone Pine Earthquake and construction of the Los Angeles Aqueduct will be observed. A third trip is planned to Catalina Island where the field trip will be one day and the participants will have the option to stay an additional day for touring, shopping and enjoying Catalina Island.

On Sunday, October 4, a one day field trip is planned to the construction site of the Los Angeles Metro Rail. The subway system will have been under construction for over six years. Features to be seen include underground stations, shoring, tie-back systems, and features associ-

ated with tunnel boring machines. On Monday, October 5, Dr. Bernard Pipkin from the University of Southern California, has offered to provide a half day Oceanography field trip to the Los Angeles Harbor and Palos Verdes Peninsula. A morning and afternoon trip are planned.

Southern California is rapidly becoming the movie capital of the world. Movie stars, both past and present, have constructed lavish estates within the hillside areas of the City of Los Angeles. A semi-technical field trip "Geology of the Stars Homes" will visit homes of movie stars within the Beverly Hills, Bel Air, and West Los Angeles areas. The "Geology of the Stars Homes" field trip will be repeated on Friday, October 9 along with three other trips to the diverse areas of the southern California area landscape. One trip will head west to Malibu where such features as the Big Rock Mesa Landslide will be observed. A second trip will head south to Orange County where geologic features associated with the San Onofre Nuclear Generating Station will be discussed. The third trip on Friday will head north to the Santa Monica Mountains. Selected projects featuring slope stabilization measures will be visited, including the Hebrew Union College at Sepulveda Pass, and the J. Paul Getty Museum in the Brentwood area of Los Angeles. Guest activities will be coordinated through Kushner and Associates, a professional destination management company. Kushner will provide tours of the southern California area as well as decorations and themes for the various activities. On Sunday evening, October 4, a special excursion is planned to the Magic Castle in Hollywood. The Magic Castle combines individual magic shows with dinner. On Monday, tours area planned to various attractions in southern California. Monday night is the traditional ice breaker which will be held in the exhibit hall, as well as the large deck of the Queen Mary. Tuesday will be a California Wine Tasting followed by a Harbor Cruise with dinner and dancing. Wednesday night will feature the Annual Banquet to be held in the Spruce Goose Pavilion. This is a spectacular setting, with the large open arena capable of seating over 800 people. There will be live entertainment and we will have exclusive use of the pavilion for that evening.

### **HEY - SUPPORT YOUR ASSOCIATION!!!!**

**The Southern California Chapter of AEG (that's us) is hosting the 1992 National Meeting. To assure a successful and measurable meeting, we (that's us) need sponsor contributions (\$\$\$) from the local geotechnical consulting community (that's you). Please call Greg Rzonca at Converse Consultants Inland Empire (714-889-8004) for further information.**

**We thank you.**

## Professional Services



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### LOCAL PROFESSIONAL MEETINGS HELD REGULARLY:

**Coast Geological Society:** Dinner meetings every third Tuesday of the month, October-June; American Legion Hall, 83 South Palm Street, Ventura.

**Inland Geological Society:** Dinner Meeting third Thursday of each month, San Bernardino County Museum, Orangetree, Redlands. Contact: Randy Brandt @ (714) 381-2004.

**Los Angeles Basin Geological Society:** Lunch meetings third Thursday of every month; now at the Union Oil Center in downtown Los Angeles.

**San Diego Association of Geologists:** Dinner meetings third Wednesday of every month - locations throughout San Diego -area. Contact: (619) 292-8030 (Leighton & Assoc., San Diego office).

**San Joaquin Geological Society:** Dinner meeting second Tuesday of every month except July-September, American Legion Hall, 2020 "H" Street, Bakersfield.

**South Coast Geological Society, Inc.:** Dinner meetings first Monday of each month, Revere House, 901 First Street, Tustin.

## Positions Available

Ads in this section are welcome at no cost

### Geotechnical Opportunities

Leighton & Associates, a leading geotechnical and environmental consulting firm has career opportunities in their Los Angeles Region for projects in the West San Fernando Valley area and Ventura County for projects involving site and hillside development, planning and public works facilities.

#### PROJECT/SENIOR PROJECT GEOLOGIST PROJECT/SENIOR PROJECT GEOTECHNICAL ENGINEER

Minimum eight years experience in project management, field supervision, proposal preparation and client contact. Advance degrees preferred, registration required (RG/CEG).

#### STAFF GEOTECHNICAL ENGINEER STAFF GEOLOGIST

Degreed geotechnical engineer/geologist with minimum 2 years of experience in field investigation, data review and analysis and report preparation.

#### SOIL TECHNICIAN

Minimum one year of experience in soil testing and observation of earthwork and grading for hillside development.

Leighton and Associates offers a competitive wage and benefit package. Candidates should submit resumes to:

**LEIGHTON AND ASSOCIATES, INC.**  
2121 Alton Parkway  
Irvine CA, 92714

### Environmental Opportunities

Leighton & Associates, a leading geotechnical and environmental consulting firm has career opportunities available in Los Angeles and Orange Counties:

#### PROJECT/SENIOR PROJECT ENVIRONMENTAL SPECIALIST

MS/PhD in Geology or engineering and a minimum of eight years of environmental experience as well as professional registration (RG or PE) required. Candidates must also have applied expertise in project management, field supervision, report and proposal preparation, regulatory agency contacts and business development.

#### STAFF ENVIRONMENTAL SPECIALIST

BS/MS in geology/engineering and at least two years of experience in hazardous waste site investigations. Knowledge of government regulations and possession of 40 hour OSHA certification desirable.

Leighton and Associates offers a competitive salary and benefits package; qualified candidates should submit their resumes to:

**LEIGHTON AND ASSOCIATES, INC.**  
2121 Alton Parkway  
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### Career Opportunity for Mid-career Environmental Scientists and Engineers

with experience in one or more of the following  
Soils and ground water assessment and remediation  
Site audit/compliance/permitting  
Hazardous materials management  
Professional registration a plus

Excellent salaries and benefits commensurate with technical and managerial capabilities. Please submit resumes (in confidence) to:

**NINYO & MOORE**  
15375 Barranca Parkway, Suite A-101  
Irvine, CA 92718  
Attention: Dr. Peter R. Supko, General Manager

### Position Available for Environmental Scientist

with 2 to 3 years experience in environmental risk assessments, underground storage tanks, compliance audits, oversight of drilling activities and soil/ground water sampling. Working knowledge of State and county regulations and excellent writing skills required. Send resume (in confidence) to:

**NINYO & MOORE**  
6150 Lusk Boulevard, Suite B-200  
San Diego, CA 92121  
Attention: L. Ashworth

### Positions Available for

#### Staff, Project and Senior Geologists in the Burbank Area

EMCON Associates are looking for geologists with experience in site assessment, ground water monitoring/remediation, property transfer assessments (Phases I, II and III), or underground tanks. We offer career growth in a strong dynamic company with 20 years in business and offices throughout the western U.S. Please submit resumes in confidence to:

#### **EMCON ASSOCIATES**

P.O. Box 7894  
Burbank, CA 91510-7894  
Attention: Lucien Jervis,  
Human Resources.

For more information, call Keith G. Farrell,  
Director of Geology at (188) 841-1160.

### Opportunities for Environmental Professionals

**HERZOG GEOSCIENTISTS**, a growing northern California Environmental, Geotechnical and Materials Engineering firm is part of HIH USA Inc., a nation-wide group of consulting companies with over 2400 employees. We have been established in the California market since 1973 and are expanding our Solid Waste Engineering Services and Remediation Engineering Design capabilities by filling two important positions.

#### SOLID WASTE ENGINEER

The solid waste engineer manager we seek will have a minimum of 12 years experience in all aspects of landfill engineering (design, gas and leachate management, closure/post-closure), excellent marketing and technical management skills, and a proven track record working with major landfill owners, operators and regulators in California, Oregon or Washington. The candidate will have a BS/MS in civil engineering or a closely related engineering specialty, and should be registered as a Civil Engineer in California, or be able to obtain such registration. The ideal candidate will be a leader looking for the challenge of building a talented and aggressive Solid Waste Engineering Group to work with our established Geohydrology and Geotechnical Engineering groups.

#### REMEDIATION ENGINEER

The Remediation Design Engineering Manager will have a minimum of 6 to 8 years of increasingly responsible experience in project and contract management, remedial system designs, cost estimating, marketing/client relations, and in working closely with sophisticated clients. The candidate will have a BS/MS in Civil Engineering or a related engineering discipline, and should be a registered engineer in California or be able to obtain such registration. Our ideal candidate will be experienced in designing and managing various kinds of remediation systems for soil and ground water and will be familiar with regulatory requirement.

These positions may be in either the Petaluma (Sonoma County) Corporate office, or in our Sacramento or Oakland, California offices. Interested candidates should submit a resume, geographic preference and salary history to:

**Marc Seeley,**  
Environmental Services Division Manager or  
**Tom Faimali, President/CFO,**  
**HERZOG ASSOCIATES,**  
1318 Redwood Way, Suite 200, Petaluma, California, 94954,  
Fax 707-792-5695.

We are an equal opportunity employer. Women and minorities are encouraged to reply.

### Job Opportunity for a Staff Geologist

**Metcalf & Eddy, Inc.**, a quality oriented engineering and environmental firm is looking for a staff geologist to fill a position in their Santa Barbara office. This position requires 1 to 3 years experience working in the environmental field. Applicants should have a BA in geology, hydrology or related discipline, and be familiar with field activities related to soil and ground water investigations and remediation programs, environmental sampling techniques, and UST projects. Familiarity with environmental regulations recommended. Written and verbal communication skills are mandatory. Send resume including salary requirements in confidence to:

**Sherie FitzGerald**  
**METCALF & EDDY, Inc.**  
P.O. Box 24110  
Santa Barbara, California 93121

## Seminars/Meetings/Field Trips

### AUGUST 1991

**24 1991 AEG Southern California Field Trip:** Engineering Geology along the Simi-Santa Rosa Fault System, Simi Valley to Camarillo, Ventura County, California.

### OCTOBER 1991

**September 30 -October 4** 34th Annual AEG Meeting, Exposition and Field Demonstrations, "**Environmental and Geotechnical Challenges for the Decade**", Pheasant Run Resort, St. Charles (Chicago), Illinois. **CONTACT:** AEG, MEMS, One Northgate Square, Suite 211, P.O. Box 270, Greensburg, PA 15601. (800) 343-5129, (800) 441-1674.

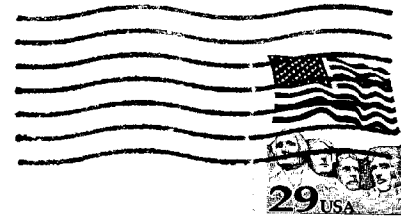
**11-13 Rocky Mountain Friends of the Pleistocene Field Trip:** Quaternary Geology of Lake Boneville in the Sevier Desert, near Delta, Utah. **CONTACT:** Richard Van Horn, U.S. Geological Survey, Box 25046, MS 966, Denver, CO 80225. Send a self-addressed stamped envelope to receive Final Announcement.

**21-24 1991 Annual Geological Society of America Meeting** in the San Diego Convention Center. The meeting will emphasize environmental geology. **CONTACT:** GSA @ (800) 472-1988.

### Short Course Announcement:

**California Registration Exam Review Courses and Study Manual:** REG Review, Inc. offers review courses in the southern California area to prepare for the California Geology Registration and Engineering Geology Certification exams. Review courses concentrate on problem-solving skills in the fields of structural geology, map interpretation, hydrogeology, and engineering geology. Other topics covered are given less emphasis. For REG Review, Inc.'s 1991 brochure giving the course schedules and Study Manual ordering information, **CONTACT:** Patti Osiecki, President, @ (415) 852-9099, or Lisa Dirth (Vice-President), @ (415) 339-3771, or write to REG Review, Inc., 6555 Oakwood Drive, Oakland, California 94611.

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