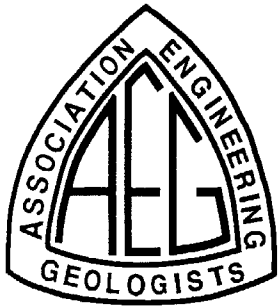


# Association of Engineering Geologists

Southern California Section

## NEWSLETTER - October 1989



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AEG Newsletter Editor  
12 Issues/year-\$20 to "AEG"  
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### Dinner Meeting *Thursday October 19th*

in conjunction with the Association for Women Geoscientists

- The Quiet Cannon Restaurant**  
901 North Via San Clemente  
Montebello
- Cost - \$20.00**
- For reservations call by October 13th**

**Jerry Treiman**  
(213) 620-3560 (CDMG LA Office)

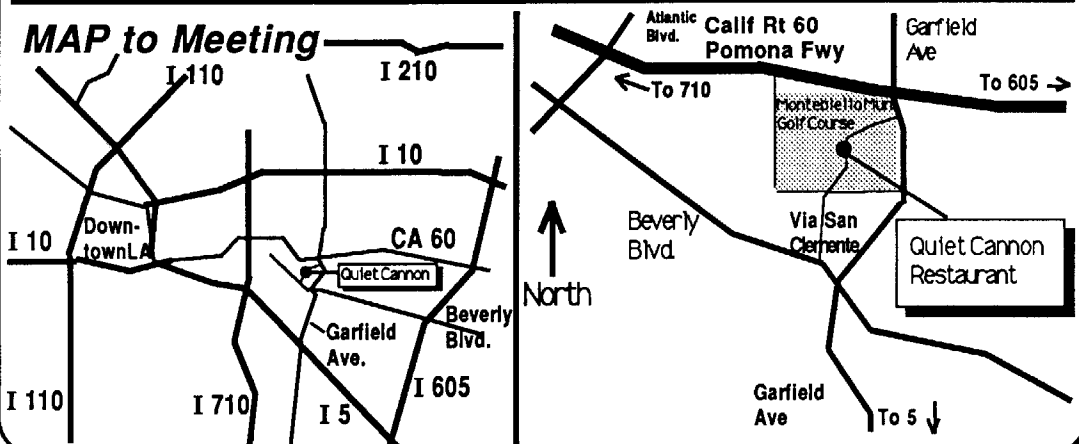
**Make reservations by Noon on the Friday before the Meeting**

- 5:30 Social Hour**
- 6:45 Dinner**  
7:30 Announcements
- 8:00 Program**  
9:00 Section Affairs

### Program

## Geology & Tectonics of Tierra Del Fuego, South America & Palmer Peninsula, Antartica

**SPEAKERS Tanya Atwater, Ph.D. (Marine Geophysics) UCSB**  
**Christine Smith (geology graduate student) UCSB**



# Program

## Topic & Speaker

### Geology & Tectonics of Tierra Del Fuego, South America & Palmer Peninsula, Antarctica

**Tanya Atwater & Christine Smith**

Tanya Atwater and Christine Smith participated in a month-long field trip held under the auspices of the recent 28th International Geological Congress. Trip participants explored the spectacular geologic wonders of the fjords and islands of the tip of South America and Antarctica. Tanya and Chris will share their adventure with an extensive slide show program using two screens.

Tanya Atwater is a professor of marine geophysics at UC Santa Barbara. She studied at MIT, UC Berkeley, and the Scripps Institute of Oceanography where she completed her Ph.D in 1972. Before joining the faculty at UCSB in 1980 she was a professor in the MIT/Woods Hole Oceanographic Institute joint program. Tanya is well known for her work related to plate tectonics, particularly the western North American system.

Christine Smith is a graduate student in the Department of Geological Sciences at UCSB. She did her undergraduate work at Carleton College and her Master's work at U of A, Tucson. Her doctoral thesis will concern the tectonic evolution of Marie Byrd Land, West Antarctica.

**THIS MONTH**

**October 1989**



*Kelly E. Rowe  
Hydrogeologist*

This month Tanya Atwater & Christine Smith will show and describe their recent observations on Tierra Del Fuego and Palmer Peninsula. This meeting is in conjunction with the Association for Women Geoscientists (AWG). For your information the AWG is open for participation by men also. For additional information about AWG contact Ann Meeker (714)727-3223 or Karen Kahler (818)357-9023.

The 1989 annual AEG meeting, held in Vail, Colorado last week, will be reported on in the next issue.

The annual field trip for the Southern California Section of AEG, held on September 23rd was a great success. Trip leaders, Larry Cann and Edward Steiner, report that over 80 people attended. Presentations on the Engineering Geology of Coastal Orange County were given by Don Barrie, Larry Cann, Jack Eagen, Paul Guptil, Scott Kerwin, Rosalind Munro, Roy Shlemon, and Tom Tatnall. An excellent guidebook was also completed and given to all trip participants. It was interesting to see and ask questions about the problems handled by the presenters. Sincere thanks and appreciation is extended to all of the people who were involved in the organization of this field trip and the guidebook.

## Seminars/Meetings/Field Trips

### OCTOBER 1989

**14-15 "Geology of Northern Baja California" Fall Field Trip Pacific Section SEPM.** San Diego State University, Pat Abbott, Ph.D. and the geology faculty at the Universidad Autonoma de Baja California (UABC) are organizing visits to prime localities for rocks and structures ranging in age from Ordovician to Holocene. CONTACT: (619)594-5586.

**18-20 "Clay Liners and Covers for Waste Disposal Facilities" at Austin, Texas, Univ. of Texas at Austin 78712** Costs: \$630. Dr. David Daniel, Continuing Engineering Studies, College of Engineering, Cockrell Hall 10.324 CONTACT (512)471-4730.

**19 (Thursday) AEG So. Cal. Sect. & the Association for Women Geoscientists "Geologic Explorations in Tierra del Fuego and Palmer Peninsula."** Tanya Atwater and Christine Smith.

**23-27 "Multiphase Organic Transport Modeling with Emphasis on Pollution by Hydrocarbons"** Dr. John Parker and Dr. Jagath Kaluarachchi (VA Poly Inst.), Dr. Marian Kembrowski (Shell Development Co.) and Dr. Aly El-Kadi (IGWMC) International Ground Water Modeling Center Short Course. CONTACT (317)283-9458.

**28-29 South Coast Geological Society's Annual Field Trip "San Andreas Fault from the vicinity of the Cajon Pass into the Carrizo Plain" Field trip Leaders: Kerry Sieh, Ray Weldon, John Foster, Al Barrows, Peter Weigand, Tom Dibblee, et al.** CONTACT SCGS P.O. Box 10244, Santa Ana, CA 92711 or come to the Sept 11 meeting to obtain trip reservation forms or call (714)839-8664.

Proceedings available from Southern California Earthquake Preparedness Project on: The seismic Risk in the San Diego Region Workshop on the Rose Canyon Fault System - June 29-30, 1989, San Diego.

**30-31 "Grouting Practice for Shafts, Tunnels & Underground Excavations" at Milwaukee, Wisconsin, Cost: \$550.00.** Center for Continuing Education - University of Wisconsin - College of Engineering & Applied Science 929 North Sixth Street Milwaukee, Wisconsin 53203 CONTACT (800)222-3623.

### NOVEMBER 1989

**11 "Day In The Field With Tom Dibblee" CONTACT: (213) 598-0595 U.S. Geologic Services - Arthur R. (Dick) Brown**

**15-17 "Petroleum Hydrocarbons and Organic Chemicals in Ground Water: Prevention, Detection and Restoration" at Houston TX, API & NWWA Assoc. of GW Scientists and Engineers. 6375 Riverside Dr., Dublin, OH 43218 CONTACT (614)761-1711.**

**28-30 "Critical Issues in Underground Storage Tank Management" at Doubletree Hotel, San Diego, NWWA Assoc. of GW Scientists and Engineers. P.O. Box 182039/Dept. #017/ Columbus, OH 43218 CONTACT (614)761-1711.**

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## Positions Available

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### Career Opportunity For Principal Hydrogeologist

Immediate opening available for a Principal Hydrogeologist. Duties will include development and management of water resources and groundwater contamination/remediation projects. The successful candidate will have a proven record of project development and management, M.S. degree, California registration as a geologist, 7+ years professional experience with excellent technical and communication skills. Position will be in southern or central California. Salary is negotiable and commensurate with experience.

Call (805) 644-5535 or send resume to:  
**McClelland Consultants**  
Attention: Michael R. Ploessel  
2140 Eastman Avenue  
Ventura, CA 93003

### Career Opportunity For Senior Engineering Geologist

Immediate opening available for a highly versatile Senior Engineering Geologist. The successful candidate will plan and supervise comprehensive engineering geological studies and be the Senior Staff Consultant on complex multi-disciplinary projects. M.S. degree, 5+ years diverse professional experience, C.E.G., and excellent technical and communication skills are required. California experience should include work in several of the following: slope stability, hillside grading, fault/seismicity evaluation, EIR/EIS, geohydrology/water resources, distressed property excavations, site assessments, soil and groundwater contamination and remediation. Salary is negotiable and commensurate with experience.

Call (805) 644-5535 or send resume to:  
**McClelland Consultants**  
Attention: Michael R. Ploessel  
2140 Eastman Avenue  
Ventura, CA 93003

### Career Opportunity For

#### Associate Engineering Geologists

Positions are available in the Environmental Review Project, Sacramento, California. These positions are limited-term expiring June 30, 1990. Duties include reviewing engineering geologic, seismic and geotechnical engineering reports submitted with environmental impact reports, and hospital/school site reports. Desired qualifications include certification as an engineering geologist applicable experience, and familiarity with CEQA, SMARA and Title 24. Salary range is \$3,276-3,950. Applicants need not be on a State list, however, they must meet the minimum qualifications of the

State Associate Engineering Geologist Exam.

If interested, send resume to  
**Zoe McCrea**  
Division of Mines and Geology  
630 Bercut Drive  
Sacramento, California 95814

### Career Opportunity For Geologist

Immediate opening available for an entry level geologist. Requirements: B.S. in geology; mathematical modeling experience desirable; and excellent technical and communication skills. Responsible for but not limited to: field mapping, subsurface exploration and down-hole logging. One to two years of experience is highly desirable but not necessary.

Call (805) 497-9363 or send resume to:  
**Gorian and Associates, Inc.**  
Attention: Scott Simmons  
766 Lakefield Rd., Suite A  
Westlake Village, CA 91361

### Career Opportunity For Hydrogeologist

Immediate opening available for a Hydrogeologist - Groundwater Resources Manager. Requirements: 5-10 years diverse professional experience in groundwater studies, B.S. in geology or hydrology; mathematical modeling experience desirable; and excellent technical and communication skills.

Responsible for but not limited to: collection, modeling and analysis of hydrologic data, development and operation, and short- and long-range master plans for groundwater quantity and quality protection. Salary to \$45,000/yr DOQ/DOE.

Call (805) 525-4431 or send resume to:  
**United Water Conservation District**  
Attention: Frederick J. Gientke  
General Manager  
725 E. Main Street  
Santa Paula, CA 93060

### Career Opportunity For

#### Geotechnical Laboratory Manager

Laboratory Manager needed to plan-out and operate a new soils laboratory. Rapidly growing firm is soon moving to new office building and desires to establish a state-of-the-art soils laboratory. Requirements are at least 10 years of experience in laboratory soils testing.

Contact: (805)653-5556 or send resume to:  
**Staal, Gardner & Dunne, Inc.**  
Attention: Timothy N. Dunne  
121 N. Fir Street, Suite F  
Ventura, California 93001

Kelly E. Rowe

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