

Association of Engineering Geologists

Southern California Section

NEWSLETTER - October 1990



Eldon Gath
Chairman
(818) 965-4874 or
(714) 860-7772

Kelly E. Rowe
Vice Chairman
(714) 474-9344 or
(818) 965-4874

James O'Tousa
Treasurer
(213) 489-6964

Tania Gonzalez
Secretary/Newsletter Editor
12 Issues/year-\$20 to "AEG"
(Full-Time Students \$10/year)
(818) 965-4874 or
(714) 860-7772
(714) 860-1089 FAX
c/o Leighton & Associates
1470 S. Valley Vista Dr. #150
Diamond Bar, CA 91765

2550 Beverly Blvd.
Los Angeles, CA 90057

No Dinner Meeting this Month.

Regular Meeting Next Month - November 13th
at the Quiet Cannon in Montebello

The AEG Annual Meeting in Pittsburgh, Pennsylvania
is during October 1-5.

***Announcing the 1990 Annual AEG Field Trip
to Soledad Basin -Upper Santa Clara River Area.***

When: November 3, 1990 8:00 am

Where: Via Princessa Park & Ride Parking Lot, between Sierra
Highway and the Antelope Valley Freeway (Highway 14), 6
miles east of Valencia or 6 miles north of the junction of
Interstate 5 and Highway 14.

Highlights: Mint Canyon Formation Earthflows
Plum Canyon Landslide Complex
New Interpretation of the Pelona Fault
Holocene Activity of the Elkhorn Fault
Groundwater Quality Issues in Agua Dulce and Acton
Lithology of the Mint Canyon Formation

Field Trip Leaders/Speakers: Kim Bishop, Charlie Buckley,
Bruce Hilton, Bob Hollingsworth, Mark Osborne, Dick Saul, and others.

Lunch provided to attendees at Vasquez Rocks Park

Transportation: Via Bus; wear walking shoes

The field trip will start with an approximately 2 mile walk (only 15 minutes uphill, the
rest downhill over earthflows).

Cost:\$50.00 - includes guidebook and lunch.

Guidebook contains geologic map of the entire Mint Canyon Quadrangle by Dick Saul.

Send reservations and money to California Environmental by October 20.

AEG 1990 Annual Field Trip
c/o California Environmental
31320 Via Colinas, Suite 104
Westlake Village, CA 91362

Indicate number of people in party _____ x \$50.00 = _____

Indicate names of individuals in party _____

THIS MONTH

October 1990



Kelly E. Rowe
Hydrogeologist

This month there will be no monthly meeting. This year's annual meeting is being held during October 1 to 5 in Pittsburgh, PA. For your info. next year's meeting will be held in Chicago. The following year, 1992, the annual meeting will be held here in Los Angeles (actually the meeting will take place in Long Beach).

Last month Dr. Mark Legg spoke about the offshore faulting off the southern California and northern Baja California areas. According to Dr. Legg the fault scarps correlate with some of the identified onshore faults. He described the new ocean bottom mapping techniques that are available now which he used in his dissertation. For example, a single pass over an area with this equipment can record greater and more accurate detail over a broader area than recorded in the past. Reference was made to the possible magnitude earthquakes that could occur from these faults based upon the limited historical records we have. Considering that about 17 percent of the population of California lives within 5 miles from the coast, we should be aware that tsunamis may impact us.

Bob Hollingsworth reported that the recent Orange County Grading Code changes are undergoing review. Thanks is due to AEG members and interested people who called or wrote letters to the county to express their concern. Engineering geologists will remain in the code. AEG is now in the loop to review proposed changes in the county's code.

At the July 30, 1990 meeting of the State Board of Registration for Geologists and Geophysicists, the board unanimously elected James R. Weddle, president and Karen L. Melikian, vice president.

Mr. Weddle is a petroleum geologist and president of San Joaquin Energy Consultants, Inc. of Bakersfield, a position he has held since 1980. He is a member of AAPG and was president of the Pacific Section AAPG in 1983.

Governor George Deukmejian reappointed Ms. Karen L. Melikian of Fresno and Mr. William B Snyder of Whittier to second full terms on the board. Terms of office are for four years.

Ms. Melikian has been an educator for the Fresno Unified School District since 1981. She received her bachelor's degree in education from California State University, Fresno, and her master's degree in education from the University of Southern California. She is a member of the California Teachers Association, the National Education Society and the University of California Alumni Association.

Mr. Snyder is a part-time business development manager for the Hood Corporation, a position he has held since 1984. He received his bachelor's degree from the University of Southern California in 1939. He is a member of the University of Southern California Alumni Association, the American Petroleum Institute and the Elks Club.

Seminars/Meetings/Field Trips

OCTOBER 1990

1-5"33rd Annual Meeting of the Association of Engineering Geologists" Pittsburgh, Pennsylvania. Technical sessions, three short courses, two symposia & several field trips.

1-3"Principles of Subsurface Contaminant Fate & Transport Modeling" Long Beach, CA. Assoc. of Ground Water Scientists and Engineers (NWWA). CONTACT: NWWA (614)761-1711/P.O. Box 182039/Dept. #017/ Columbus, Ohio 43218.

1-3"Theory and Practice of Ground Water Monitoring and Sampling" Long Beach, CA. Assoc. of Ground Water Scientists and Engineers (NWWA). CONTACT: NWWA (614)761-1711/P.O. Box 182039/Dept. #017/ Columbus, Ohio 43218.

4"Environmental Site Assessment Course" Long Beach, CA. Assoc. of Ground Water Scientists and Engineers (NWWA). CONTACT: NWWA (614)761-1711/P.O. Box 182039/Dept. #017/ Columbus, Ohio 43218.

9-12"American Institute of Professional Geologists" Long Beach, CA CONTACT: (213)594-9485 Steve Testa, Applied Environmental Services 6695 E. Pacific Coast Highway, 2nd Floor, Long Beach, CA 90803.

15-19"Multiphase Organic Transport Modeling with Emphasis on Pollution by Hydrocarbons" Dr. J. Parker, et al., International Ground Water Modeling Center CONTACT: Holcomb Research Ins. Butler U., 4600 Sunset Ave., Indianapolis Indiana 46208 (317)283-9519.

18-21"Annual Industrial Fabrics Association International Convention" San Francisco, CA. CONTACT: IFAI, 345 Cedar St., Suite 800, St. Paul, MN 55101 (612) 222-2508.

20"SDAG Annual Field Trip - Engineering Geology Projects in San Diego" San Diego, CA. San Diego Association of Geologists CONTACT: (619)292-8030 Sue Tanges, Leighton & Assoc., San Diego, CA office.

22-25"Ground Water and Vadose Zone Monitoring and Sampling Technology -ASTM Training Course" Atlanta, GA. CONTACT: (215)299-5480 Kathy Dickinson, ASTM, 1916 Race Street, Philadelphia, PA 19103.

23-25"A Comprehensive Approach to Development and Protection of Ground Water" San Francisco, CA. Assoc. of Ground Water Scientists and Engineers (NWWA). CONTACT: NWWA (614)761-1711/P.O. Box 182039/Dept. #017/ Columbus, Ohio 43218.

23-25"Applied Drilling Engineering for Rotary & Auger Methods/GW Investigations" Same.

27-28"South Coast GS Field Trip - Southeastern California Extensional Terrain - Whipple Mountains, et al." South Coast Geological Society CONTACT: John Foster (714)449-7096 Cal State Fullerton U.

28-11/1 "Third National Irrigation Symposium - Visions of Irrigation - Technology to Enrich Our Environment" Phoenix, AZ. ASAE CONTACT: ASAE (616)429-0300 2950 Niles Rd., St. Joseph MI 49085-9659.

29-31"California Watersheds at the Urban Interface - Watershed Management Council 3rd Biennial Conference" Ontario, CA. CONTACT: Rex Woods, Water Resources Center, Rubidoux Hall, UC Riverside, 92521. (714)787-4327

31-11/2"Petroleum Hydrocarbons and Organic Chemicals in Ground Water: Prevention Detection & Restoration" Houston, TX. Assoc. of Ground Water Scientists and Engineers (NWWA).CONTACT: NWWA (614)761-1711/P.O. Box 182039/Dept. #017/ Columbus, Ohio 43218.

NOVEMBER 1990

4-9"AWRA 26th Annual Conference - The Science of Water Resources: 1990 & Beyond; Symposium on Transferring Models to Users; Symposium on Urban Hydrology" Denver, CO. Amer. Water Resources Assoc. (AWRA). CONTACT: AWRA (301)493-8600 5410 Grosvenor Lane, Suite 220, Bethesda, Maryland 20814-2192.

8"Theory and Application of Vadose Zone Monitoring, Sampling, Remediation" Las Vegas, NV. Assoc. of Ground Water Scientists and Engineers (NWWA). CONTACT: NWWA (614)761-1711/P.O. Box 182039/Dept. #017/ Columbus, Ohio 43218.

6-8"Haz Mat 90 West" Long Beach, CA. HAZMAT WORLD & Tower Conference Management Co. CONTACT: Tower (708)469-3373, 800 Roosevelt Road, Bldg. E-Suite 408, Glen Ellyn, IL 60137-5835.

8-9"Designing with Geosynthetics" Denver, CO. CONTACT: (215)895-2343 Geosynthetic Research Institute, Drexel U., West Wing - Rush Bldg. #10, Philadelphia, PA 19104.

9"Environmental Site Assessments One-Day Legal Course" Las Vegas, NV. Assoc. of Ground Water Scientists and Engineers (NWWA). CONTACT: NWWA (614)761-1711/P.O. Box 182039/Dept. #017/ Columbus, Ohio 43218.

Other Local Professional Meetings Held Regularly

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

Inland Geological Society, Dinner Meeting third Thursday of each month, San Bernardino County Museum, Orangetree, Redlands, CA Contact: Jay Martin (714)888-2422.

Los Angeles Basin Geological Society: Lunch meetings third Thursday of every month; now at Luminarias Restaurant, Monterey Park, CA

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, CA

South Coast Geological Society, Inc.: Dinner Meetings first Monday of each month, Revere House, 900 West First Street, Tustin, CA

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Career Opportunities For Hydrogeologists, Geologists, Civil & Environmental Engineers

Openings are available for entry and senior level Hydrogeologists, Geologists and for Civil & Environmental Engineers. Openings are available in the City of Industry office and the Newport Beach office. In addition, positions for experienced ground water and soils remediation specialists are available in offices throughout the United States. Salary is negotiable and is commensurate with experience.

CONTACT: (818) 965-4048

or send resume to:

Geraghty & Miller, Inc.

Attention: Michael Shiang
17800 Castleton St. #175
City of Industry, CA 91748

Career Opportunities For Hydrogeologists, Geologists, Civil & Environmental Engineers

Immediate openings are available at international environmental engineering firm for entry level Hydrogeologist/Geologist, Environmental/Civil Engineer in Irvine office. Position requires a BA/BS, MS preferred, interest in hazardous waste, wastewater or water supply. Chemistry and computer background a plus. AAI/ EEOC.

Please submit resume to:

Camp Dresser & McKee, Inc.

Attention: Pat Kaler
18881 Von Karman, Suite 650
Irvine, California 92715

Career Opportunity For Hydrogeologists, Environmental Geologists, Chemical Engineers & Geotechnical Engineers

Immediate openings are available for experienced staff and senior level candidates. Excellent communication skills required, computer literacy a plus. Salary D.O.E; and excellent benefits.

CONTACT: (818) 848-0214

or send resume to:

Law Environmental, Inc.

3320 N. San Fernando Blvd.
Burbank, CA 92131

Career Opportunity For Hydrogeologist/Engineering Geol.

Openings are available for a geotechnical position in the Solid Waste Management Department. Position requires BS in Geological Engineering or MS in Geology and several years of experience in hydrogeology/engineering geology. Civil engineers with strong geology backgrounds considered. Salary ranges from \$46,020 to \$51,252 depending on qualifications. No deductions for Public Retirement System; family med/dental; exempt from 6.2% Soc. Sec. deduction.

Send resume to:

County Sanitation Districts of Los Angeles County

Attention: M. Murillo
P.O. Box 4998
Whittier, CA 90607

Career Opportunity For Geologists, Hydrogeologists & Geotech Engineers

Openings are available in the Irvine office for entry and senior level geologists, hydrogeologists and geotechnical engineers. Salary is negotiable and is commensurate with experience

send resume to:

ICG Incorporated

15 Mason, Irvine, CA 92718
Attn: Personnel Department

Career Opportunities For Registered Geologist/Registered Civil Engineer & Chemical Engineer

Openings are available for management and technical leadership in remediation of, and the design of equipment to manage, hazardous wastes, soil and ground water problems. Interact with clients to develop new projects and provide technical and regulatory advice. Minimum five (5) years experience in the field. Excellent oral and written communication skills are essential.

CONTACT: (714) 632-8521.

or send resume to:

Environmental Audit, Inc.

1000-A Ortega Way
Placentia, CA 92670-7125
Attn: Ms. Peggy Wolverton

Career Opportunity For Reg. Geologist/Reg. Civil Engineer

Openings are available for project level civil engineer and geologist in the San Diego office. CA registration required; 3 to 7 years experience in project management; engineer; ground water and soils remediation & hands on implementation; geologist; engineering geology, geotechnical engineering, & hydrogeologic investigations.

CONTACT: (619) 294-9400.

or send resume to:

Woodward - Clyde Consultants.

1550 Hotel Circle North
San Diego, CA 92108
Attn: Personnel Manager

Career Opportunity For Senior Geotechnical Engineer

Immediate opening is available for a senior geotechnical engineer in the SGD Ventura office. The position requires a minimum of 7 years of consulting experience, CA P.E. license (G.E. preferred), good written and verbal communications skills, and strong marketing/client relations skills.

CONTACT: (619) 653-5556.

or send resume to:

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Attn: Timothy N. Dunne

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