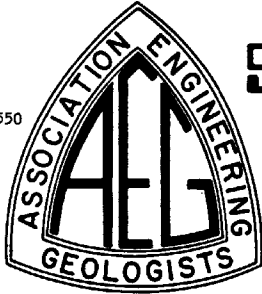


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# SOUTHERN CALIFORNIA SECTION

# news letter

2550 BEVERLY BOULEVARD, LOS ANGELES, CALIFORNIA 90067

## MARCH MEETING

(Joint Meeting With ASCE)

DATE: TUESDAY, March 20, 1985

PLACE: Stevens Steak House  
5332 Stevens Place  
Commerce

COST: \$13.00

RESERVATIONS: Frank Fong (714) 951-8686  
Rudy Roodsari (213) 688-7128  
Please make reservations by noon on previous Friday.

TIME: 5:30 Social Hour  
6:30 Dinner  
7:30 Program

SPEAKERS: Bob Wright - Civil Engineer  
Dan Collins - Geologist

SUBJECT: Stabilization of Landslide No. 5 at  
Tabla Chaca Reservoir in the Purvian Andes

This three million cubic meter landslide was threatening the intake facilities of the hydro-electric generating station at the Tabla Chaca Dam. The \$40,000,000 project utilized several landslide stabilization techniques including: a buttress fill at the toe of the landslide, prestressed tendons in the vicinity of the dam, and drainage tunnels. In addition to the corrective measures, the speakers will discuss the approach used to calculate the stability of the slope and the extensive instrumentation system used to monitor the landslide. The talk will be illustrated with slides. This work was performed by Bob Wright and Dan Collins while they were employees of Woodward Clyde Consultants. Bob is now an independent consultant and Dan is employed by the IT Corporation.

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## GEOMORPHOLOGICAL HAZARDS IN LOS ANGELES

Author:

Publication Date:

Price:

R. U. Cooke

November, 1984

Cloth - \$35.00

Reviewed by: James E. Slosson

"GEOMORPHOLOGICAL HAZARDS IN LOS ANGELES" is an outstanding contribution to the data base and knowledge of floods, erosion, landslides, debris flows, and mudflows in Los Angeles. While the case histories and references in the book pertain to events and parameters within Los Angeles County, the concepts and methodology are valid for all areas of similar geography and geology. This is the only book which explains the close inter-relationship between meteorological events and geomorphic/geologic hazards.

This book presents in approximately 200 pages an excellent background in conjunction with well documented case history. Every student of geology and engineering who plans on working in the applied technology fields of engineering geology, hydrogeology, environmental geology, geotechnic engineering, environmental engineering, civil engineering, as well as those majoring in landscape architecture, physical geography, land-use planning and environmental management should be exposed to the contents of this book during their academic career. Additionally, all currently working within these speciality fields should have this book in their library for reference. Readers should not be limited to those working in the Los Angeles area. Geotechnical professionals working in San Francisco, San Diego, Salt Lake City, Seattle, etc. will all benefit from the data, concepts, and methodology presented.

In a ranking from 1 to 10 for value of materials related to geomorphological hazard, I would assign this book a rank of 10.

"Geomorphological Hazards in Los Angeles" is an outstanding contribution to the technical literature.

James E. Slosson, Ph.D., Professor Emeritus, Los Angeles Valley College; Former State Geologist, California Division of Mines and Geology; Currently Chief Engineering and Forensic Geologist for Slosson & Associates, 14046 Oxnard Street, Van Nuys, CA 91401.

### POSITIONS AVAILABLE

GEOTECHNICAL PROJECT MANAGER - McClelland Engineers, Inc., Ventura Division, has an immediate opening for a geotechnical engineer to develop and manage land projects. Minimum requirements include a Masters Degree, California Registration, and seven years experience in southern California on medium to large, non-residential projects. The successful applicant will have full responsibility for project development, management, technical execution, and reporting. Excellent marketing, management, technical, and communication skills are required. Please send resume with salary history to: McClelland Engineers, Inc., 2140 Eastman Avenue, Ventura, California 93003, Attention: Mr. Mike Ploessel, Manager, Engineering Geosciences.

ENGINEERING GEOLOGIST - McClelland Engineers, Inc., Ventura Division, has an immediate opening for an entry level engineering geologist. Our requirements include a Masters Degree, 0 to 3 years experience, excellent technical and communication skills. The successful applicant will participate in a wide variety of engineering geology projects; duties will include field assignments both on land and offshore, geophysical data interpretation, and report preparation. Send resume to McClelland Engineers, Inc., 2140 Eastman Avenue, Ventura, California 93003, Attention: Mr. Mike Ploessel, Manager, Engineering Geosciences.

The Utah Geological and Mineral Survey (UGMS) has received a grant from the USGS to begin a three-year program of geologic hazards information compilation and mapping in five Wasatch Front counties. Three engineering geologists are needed for placement in Ogden (Weber and Davis Counties), Salt Lake City (Salt Lake County), and Provo (Utah and eastern Juab Counties). Employment will be with the Weber, Salt Lake, and Utah County Planning Departments, respectively, and work will include basic data compilation, geologic hazards mapping, and engineering geologic site investigations. Starting salary will be approximately \$22,000/year. Minimum qualifications for the position are:

- 1) Master's degree in geology or related field with an engineering/environmental geology specialty, or
- 2) Bachelor's degree in geology or related field with at least two years of full-time experience in engineering/environmental geology.

For application materials, contact:

Salt Lake County Personnel  
135 E. 2100 S., Building 3  
Salt Lake County, UT 84115  
(801) 535-7351

Weber County, Dept. of  
Personnel Management  
434 Ben Lomond Hotel  
Ogden, UT 84401  
(801) 399-8408

Utah County Personnel Office  
County Building  
51 S. University Avenue  
Provo, UT 84601  
(801) 373-5510, ext. 240

For further information, contact: Gary Christenson (801) 581-6831  
Utah Geological and Mineral Survey  
606 Black Hawk Way  
Salt Lake City, UT 84108

GEOHYDROLOGIST - M.S. in hydrology, geology, engineering with a minimum of five years experience required. Experience and education must be relevant to investigations for the siting of a high-level nuclear waste repository in geologic media. Send resume to B. E. White, Rockwell Hanford Operations, P.O. Box 800, Richland, Washington, 99352 (509) 376-6084.

HYDROLOGIST - Minimum of seven years experience required. Experience and education must be relevant to investigations in groundwater hydrology for the siting of a high-level nuclear waste repository in geologic media. Send resume to B. E. White, Rockwell Hanford Operations, P.O. Box 800, Richland, Washington. 99352 (509) 376-6084.

MINERALOGIST - Advanced degree and minimum of four years experience required. Experience and education must be relevant to mineralogy-petrology investigations conducted for the siting of a high-level nuclear waste repository in geologic media. Send resume to B. E. White, Rockwell Hanford Operations, Richland, Washington, 99352 (509) 376-6084.

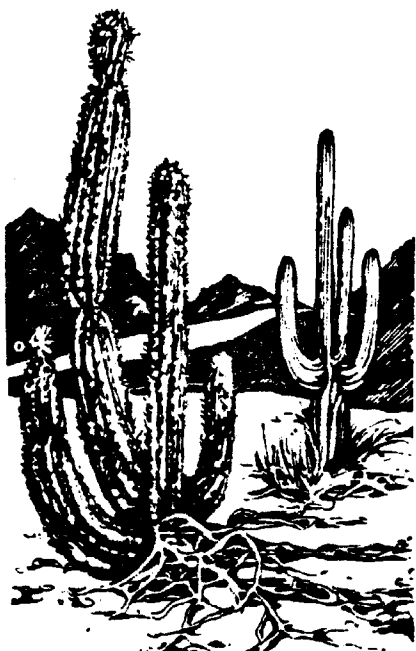
GEOSTATICIAN - Advanced degree and a minimum of four years experience required. Experience and education should include an advanced degree in geology or statistics and be relevant to investigations conducted for the siting of a high-level nuclear waste repository in geologic media. Send resume to B. E. White, Rockwell Hanford Operations, P.O. Box 800, Richland, Washington, 99352 (509) 376-6084.

GEOLOGIST - Two positions available. Minimum of five years experience and a B.S. in geology. Experience and education must be relevant to investigations for the siting of a high-level nuclear waste repository in geologic media. Send resume to B. E. White, Rockwell Hanford Operations, P. O. Box 800, Richland, Washington, 99352 (509) 376-6084.

STRUCTURAL GEOLOGIST - Ph.D. and three years experience desired. Experience and education in theoretical structural analysis. Send resume to B. E. White, Rockwell Hanford Operations, P.O. Box 800, Richland, Washington, 99352 (509) 376-6084.

ENGINEER - B.S. degree in a science or engineering field and five years of experience required. Experience should include planning, design and implementation of subsurface geotechnical testing relevant to investigations for the siting of a high-level nuclear waste repository in geologic media. Send resume to B. E. White, Rockwell Hanford Operations, P.O. Box 800, Richland, Washington, 99352 (509) 376-6084.

GEOPHYSICS (Seismic Exploration) - A graduate degree and at least three years of recent relevant experience required. Experience in seismic exploration; will plan and oversee data collection and interpretation. Send resume to B. E. White, Rockwell Hanford Operations, P. O. Box 800, Richland, Washington, 99352 (509) 376-6084.



# JOSHUA TREE

## MONUMENT

### Field Trip

**March 8, 9, and 10**

*Meet Friday night or Saturday at 8:00 a.m.*

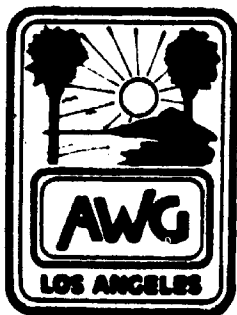
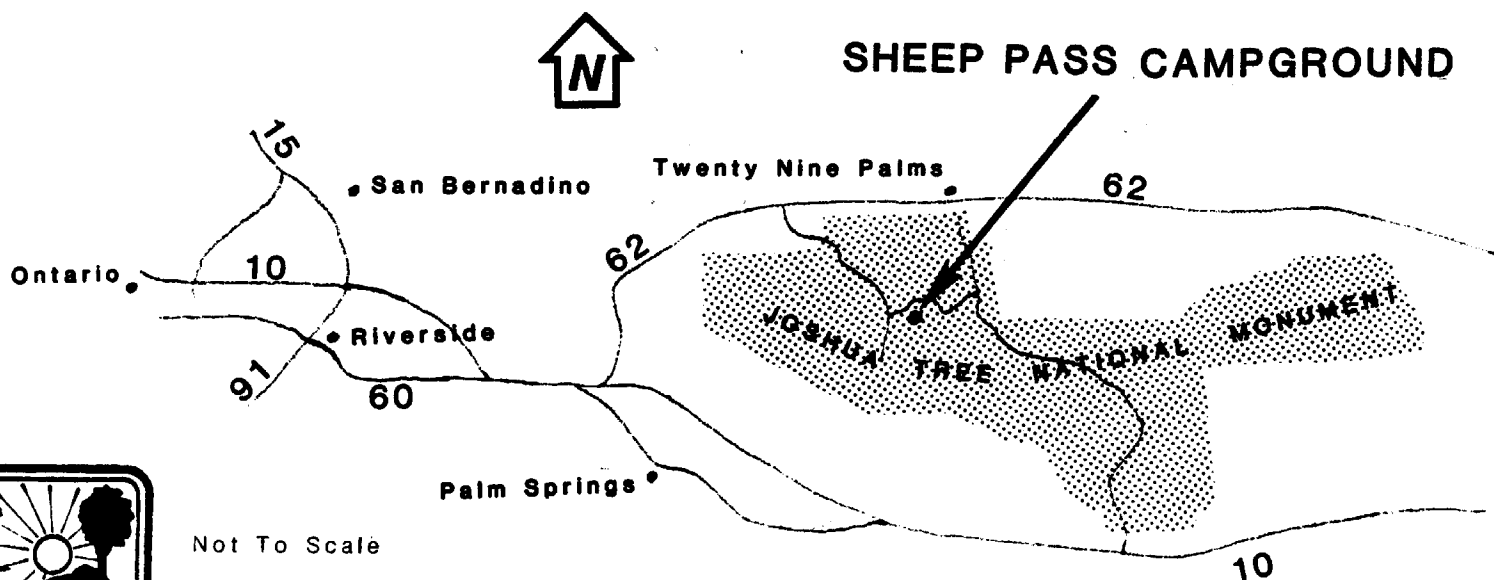
## **SHEEP PASS GROUP CAMPGROUND**

**PLEASE MAKE RESERVATIONS BY MARCH 4**

**Danna Truslow (213) 595-6611**

**Thomas Yamada (213) 739-7797**

**BRING YOUR OWN FOOD AND WATER**



**Association for Women Geoscientists**

LOS ANGELES CHAPTER

P.O. BOX 5941, PASADENA, CALIFORNIA 91107

1985 DUES STATEMENT

Dues for the Southern California Section of the Association of Engineering Geologists are now payable to the Treasurer, JEFF HOLT. Your dues are used to pay for postage, printing of the newsletter, publication of field trip guidebooks, secretarial services, and section activities. The Section dues are \$12.50 per calendar year (\$3.50 for student members). Members who have not paid their dues by April will be dropped from the newsletter mailing list. You must be a member of the Association before you can join the Southern California Section, so be sure to pay your dues there also. Please return this entire form with you check payable to "Southern California Section, Association of Engineering Geologists" directly to the treasurer at the address below. If you have an address change, please notify AEG Headquarters in Short Hills, New Jersey. Thank you for sending your 1985 dues promptly.

NAME \_\_\_\_\_ Membership status: M, AM, SM, AF

Indicate Preferred Address

(Home \_\_\_ Business \_\_\_) \_\_\_\_\_


\_\_\_\_\_ Zip Code \_\_\_\_\_

Telephone ( ) \_\_\_\_\_

Please send entire form to: JEFF HOLT  
Jeff Holt & Associates  
31129 Via Colinas, Suite 705  
Westlake Village, CA 91362


STEVE JENSEN  
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