

SOUTHERN CALIFORNIA SECTION

news letter

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HAPPY NEW YEAR!!!

JANUARY MEETING

DATE: Tuesday, January 14, 198~~7~~⁶

PLACE: Stevens Steak House
5332 Stevens Place
Commerce (T.G. 53 F2)

COST: \$13.00 (Tip included)

RESERVATIONS: Kovacs-Byer & Associates, Inc.
818-980-0825
Please make reservations by noon on previous Friday.

TIME: 5:30 Social Hour
6:30 Dinner
7:30 AEG Business
8:00 Speaker
9:00 Section Affairs, if scheduled

SPEAKER: Technical Information Slide Show
At press time the speaker has yet to be selected. In instances like these the National Association provides a series of educational slide show programs which may be shown. Garry Guacci has selected a program on the La Grande Hydroelectric Complex, James Bay, Quebec, Canada. The author is Jerry Levay, who has been sponsored by the Society of Energy of James Bay.

BULLETINS

A GSA symposium on Engineering Geology and Soils Engineering is being held in Boise, Idaho on February 26-28. Information: Spencer H. Wood, Dept. of Geology and Geophysics, Boise State University, Boise, ID 83725; (208) 385-1631.

Robert D. Perry has joined Irvine Soils Engineering, Inc. as chief geologist. Perry brings more than 19 years of engineering geology experience to the company and will add to the company's growing geologic capabilities.

Infrared Stereo Pairs Available: Santa Monica - Malibu Coastal Area (April, 1984, 1"=1000); Palos Verdes Peninsula (November, 1984, 1"=1000 and 1"=2000); Santa Monica Mtns. (1"=1000) to be flown December 1985. Contact Woody Higdon of Geo-Tech Imagery International: (714) 498-2470.

Thanks go to LeRoy Crandell and Associates for paying for dinners for 3 students from CSULA. All firms are encouraged to support students at our monthly meetings. Please contact Bob Zweigler about contributing for students.

Examinations for registration as a geologist and geophysicist and for certification as an engineering geologist are expected to be given in Sacramento, Los Angeles, and San Francisco.

Examinations will be given: Geology & Geophysicist - May 16, 1986, Engineering Geology - May 17, 1986 (Final Filing Date - February 17, 1986); Geology & Geophysicist - November 14, 1986, Engineering Geologist - November 15, 1986 (Final Filing Date - August 15, 1986).

MEETING HIGHLIGHTS

Jim Shuttleworth provides the following summaries of highlights of the November and December meetings:

DECEMBER

Jack Eagen, Senior Vice-President, Moore and Taber gave a very interesting talk on "Residential structure distress caused by gypsum growth". According to Jack, the growth of gypsum crystals after construction can result in as much as an 800% volume increase, causing severe distress to the structure. The main purpose of Jack's talk was to alert the profession to this problem. Occurrences have been identified throughout the S. California area. Jack illustrated the talk with a case history of a residence in the Santa Monica Mountains where doming of 6 inches of the interior raised floors was caused by this phenomenon. Structural Damage and Potentially Expansive Sulfide Minerals, by Dougherty and Barsotti, AEG Bulletin, Vol. IX, No. 2, 1972, is recommended for further study.

HIGHLIGHTS OF NOVEMBER MEETING

In addition to an interesting talk about Plate Tectonics, the Section's new offices were installed. Outgoing Chairman Hugh Robertson brought the local section up-to-date on national affairs which included a major fund raising drive. Apparently, the foundation of this drive is a membership dues increase and a membership increase. The membership drive program will include gifts to members who recruit a certain number of new members. See the membership chairman or Hugh for details. Coffee cups with the AEG emblem are also being offered, among other items, to raise funds.

Mr. Jack Sheehan, consulting geologist, gave a very interesting talk on his theory of S. California Plate Tectonics. Basically, he believes that the modern San Andreas Transform Fault system in S. California is a composite of three faults, including the San Gabriel-Elsinore and San Jacinto Faults. Right lateral movement on these faults has been caused by spreading ridges at the southern end of each fault. The spreading ridge system is moving to the northeast, resulting in new transform faults developing parallel to each other from south^{west}~~east~~ to northeast, with the San Gabriel-Elsinore being the oldest and the San Andreas the youngest. And according to Mr. Sheehan, a new transform fault may develop northeast of the San Andreas in the future.

JS:lvs 48

SUMMARY OF ANNOUCEMENTS

1. AEG needs a new executive director; 4-5 year term; some travel, enthusiasm needed; low compensation.
2. Questionnaire is coming in mail with National dues statement. Members are to fill out the questionnaire and return. Dues have been increased.
3. Members encouraged to bring new members into the Association. Awards will be given to those bringing in the most members.
4. Association offering Doug Piteau award for outstanding young member. Purpose is to recognize young member contributions to the Association and to provide encouragement for future leadership in AEG.
5. The AEG Bulletin editor needs revised papers back from the authors.
6. AEG offers special AEG mugs for sale at \$8.00.
7. Next year's annual meeting will be held in San Francisco in October, 1986.
9. The Professional Practice Guidelines will be revised and reviewed by an attorney. The Association has retained an attorney to review various matters.

LOCAL SECTION ANNOUNCEMENTS

1. John Wolfe of the Registration Board needs assistance from long standing members to help grade the recent registration and certification examination. Those interested should contact John.
2. Members have responded, so far, 2 to 1 in favor of the Section publishing suggestions for the preparation of a safety manual. Joe Cobarrubias gave a summary status of the manual.
3. 1986 Officers were installed: Chairman - Garry Guacci; Vice Chairman - Steve Jensen; Secretary - Jim Shuttleworth; Treasurer - Robert Zweigler.
4. The Attorney General's office has evaluated the criteria of negligence and has recommended to the Board that the criteria not be adopted. The Board has not adopted them.
5. The results of the local section questionnaire were summarized. Of those responding to the questionnaire, 56% desire to hold the meetings at different locations on a regular basis, 79% preferred to have the meals varied, 67% agreed that there was a need to publish suggestions to assist companies in preparing a safety manual.

As a result of the questionnaire, the section will work to schedule one to two meetings in the San Fernando Valley, one meeting in Orange County, and possibly a joint meeting in northern San Diego County with the San Diego Association of Geologists. The remaining meetings will be held at Steven's Steak House. The Industrial Safety Committee, chaired by Joseph Cobarrubias, was given the go ahead to complete the Safety Manual. Anyone interested in helping should contact Joe.

6. Those names of members who volunteer to serve as a member on a committee will be given to the chairpersons for the committees for 1986:

COMMITTEE

CHAIRPERSON

AIPG Representative- Interprofessional Relations	Ray Moresco (213) 595-6611
Awards	James Shuttleworth (213) 738-2828
Building Codes	
Continuing Education	
Editor	Mark Osborne (818) 888-3786
Industrial Safety	Joe Cobarrubias (213) 485-2160
Legislation	Robert Hollingsworth (818) 980-0825
Membership	Wayne Schick (818) 980-0825
Nominating	Alice Campbell (213) 413-3550
Professional Ethics & Practice Program	Glenn Brown (213) 413-3550
Public Information & Professional Relations	Steve Jensen (619) 931-1916
Publications	Hugh Robertson (805) 373-0057
	Ann Meeker (714) 546-6602
	Steve Steiner (714) 859-4599
Student Liaison	David Grover (818) 889-0844

Positions are still open for chairpersons for the Building Codes & Continuing Education Committees. If you are interested in chairing these committees, please contact Gary Guacci and if you are interested in participating in any of the above committees, please contact the chairperson.

7. Suggestions for field trips on the questionnaire were discussed. The field trip with the most interest was the coastal geology and landslides in the San Diego - Ensenada area. This would be a joint field trip with the San Diego Association of Geologists and would be on a weekend.
Estimated cost: \$80-120 for transportation, meals, lodging and guidebook. More details are forthcoming.
8. The Association's Douglas R. Piteau Outstanding Young Member Award was discussed. No nominations were given at the meeting, but applications for nominating individuals (age 35 or younger) and more information can be obtained from James Shuttleworth.
9. 1986 local section dues (\$13.00) are now payable.
10. The AEG sponsored Student Workshop will be held at California State University, Los Angeles on February 22, 1986.
11. A position is open with the State Building Safety Board. Nominations are requested from members. Please contact Gary Guacci or Gary Rasmussen if you are interested. The term is for four years and the individual should be familiar with building codes, architecture and structural engineering.

Attention: ALL ENGINEERING GEOLOGISTS

An undercurrent of interest in rewriting or recreating a publication similar to "Engineering Geology in Southern California"(1966,1969) or "Geology Seismicity and Environmental Impact " (1974), has begun to surface. Gary Guacci, the Section President, mentioned a last months meeting That there is an interest in putting out a publication describing state of the art practice here in Southern California.

Subject or Chapter Topics from the 1966-69 Publication are

- Earthquakes and Faulting
- Highways and Freeways
- Landslides and Urban Development
- Legal Aspects of Engineering Geology
- Grading Codes
- Groundwater
- Subsidence
- Flood Control
- Marine Geology and Beach Erosion
- Foundation, Soil Mechanics and Rock Mechanics
- Nuclear Reactor Studies

In 1974 Broad Titles of

- Geology
- Seismicity
- Environmental Impact covered a Series of related articles.

Some Ideas for New Topics might include

- Rock Bolts
- Hazardous Waste Studies
- Soil Stratigraphy
- Vadose Zone Monitoring
- Slope Stabilization Methods
- Aerial Photography in Engineering Geology

If you have some ideas, some interest, or some time and would like to be involved with putting together such a publication (and a number of people would certainly make the job easier), come a bit early to the January meeting, or call Gary Guacci at Leroy Crandell and Associates, 213-413-3550 or Ann Meeker at Medall, Worswick and Associates, 714-546-6602.

AEG JANUARY NEWSLETTER

1985 was a good year for publication sales for the Southern California Section of AEG. Top selling item for 1985 was the California Registration and CEG Exam Study Manual, Hmmm - Note this publication is presently not available through A.E.G. - Runner up this year was an old favorite Geology, Seismicity, and Environmental Impact, published in 1973. Just to fill you in, 1984, which was even a better year for publication's sales, found the Sierra Madre and Related Fault Zone, Field Trip Guide book and Geomorphic Applications in Engineering Geology the hot items.

Although most of our publications stay in the State of California and particularly in this area; Virginia Polytechnic Institute in Blacksburg, Virginia has been stocking up on California publications, and a few souls from Texas and Florida have requested copies of the Registration Exam Study Guide. Several other States have initiated. Registration Exams and these folds were looking for any type of study Guide.

AEG Publications cover a wide range of topics, focusing on the Geology and Engineering Geology of the Southern California area. We publish primarily field trip guide books, but have also been involved with the publication of several books addressing standards of the practice in Engineering Geology.

Our list of publications, some in print, and others out of print, but reproducible, is attached in this newsletter.

To encourage sales and distribution of these publications among the geologic community, to get some practice dealing with January white sales and to clear some space in the office of the publications chairperson, were having a

SALE!

At the January meeting; 15% off any book in print. Come listen to a great talk and take home those publications you've wanted to purchase but didn't have quite the cash for.

Association of Engineering Geologists

SOUTHERN CALIFORNIA SECTION

2550 BEVERLY BOULEVARD, LOS ANGELES, CALIFORNIA 90057

AVAILABLE PUBLICATIONS

(All costs include book rate postage and handling)

	<u>COST</u>
(a) GEOLOGY AND URBAN DEVELOPMENT, October, 1965	\$2.50
(b) GEOLOGY SEISMICITY, AND ENVIRONMENTAL IMPACT, 16th Annual AEG Meeting Hollywood, October, 1973, 446 pages	15.00
(c) Field Trip Guidebook: SYCAMORE CANYON FAULT, YORK BOULEVARD FAULT, RAYMOND FAULT AND SIERRA MADRE FAULT ZONE, September 1975, 69 pages	13.00*
(d) Field Trip Guidebook: GEOLOGIC GUIDE TO THE SAN BERNARDINO MOUNTAINS, SOUTHERN CALIFORNIA, May 1976, 115 pages	17.00*
(e) FIELD TRIP GUIDEBOOK TO SANTA CATALINA ISLAND, July 1977	15.00*
(f) FAILURE OF THE ST. FRANCIS DAM, Special Publication Commemorating the 50th Anniversary, March 1978, 65 pages	4.00
(g) GEOLOGIC GUIDE AND ENGINEERING GEOLOGY CASE HISTORIES LOS ANGELES METROPOLITAN AREA, Association of Engineering Geologists First Annual California Section Conference, May 1978, 174 pages	20.00*
(h) Study Manual: CALIFORNIA GEOLOGY AND ENGINEERING GEOLOGY REGISTRATION EXAMINATIONS, 1976, 42 pages	12.00*
(i) Field Trip Guidebook: SELECTED ENGINEERING GEOLOGY FEATURES, SANTA MONICA MOUNTAINS, May 19, 1979, 121 pages	17.00*

CONTINUED ON REVERSE SIDE

*These publications are presently out-of-print, but a single copy could be run off by Medall, Worswick & Assoc., Inc. on an individual basis. The costs shown reflect personnel time, reproduction and mailing costs.

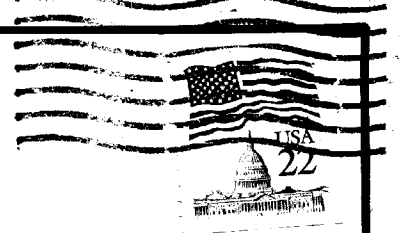
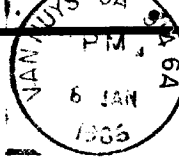
	<u>COST</u>
(j) GEOMORPHIC APPLICATIONS IN ENGINEERING GEOLOGY - A State of the Art Short Course, November 1979, 127 pages	\$10.50
(k) LANDSLIDES AND LANDSLIDE ABATEMENT, PALOS VERDES PENINSULA, SOUTHERN CALIFORNIA, GSA CORDILLERAN SECTION, 78th Annual Meeting, April 19 - 21, 1982, 98 pages	8.50
(l) Field Trip Guidebook: SIERRA MADRE AND RELATED FAULT ZONES, May 21, 1983, 257 pages	15.00
(m) Field Trip Guidebook: ENGINEERING GEOLOGIC FEATURES MALIBU, LOS ANGELES COUNTY, CALI- FORNIA, June 2, 1984, 112 pages	17.50
(n) EXCAVATION AND GRADING CODE ADMINISTRATION, INSPECTION AND ENFORCEMENT 1983, By Michael Scullin, published by Prentice-Hall Inc., (Available on a limited basis from AEG So. California Section)	39.00
(o) Annual Field Trip Guidebook: Anacapa Island, Channel Islands National Park, June 2, 1985.	15.00*

Make checks payable to AEG - Southern California Section


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