

SOUTHERN • CALIFORNIA • SECTION
NEWSLETTER

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DINNER MEETING

JOINT MEETING
AEG Southern California Section
ASCE Geotechnical Group

 Wednesday, March 18, 1987

<>Stevens Steak House
5332 Stevens Place
Commerce, California
(T.G. 53 F2)

<>\$14.00 (Includes Tip)

<>For Reservations, call:

Kovacs-Byer
(213) 877-2757

PLEASE MAKE RESERVATIONS BY NOON ON
THE FRIDAY PRIOR TO THE MEETING

<>5:30 Social Hour
6:30 Dinner
7:30 Program

SPEAKER & TOPIC

Dr. C. Barry Raleigh, Director
Lamont-Doherty Geological Observatory
Palisades, New York

FORECASTING NATURAL DISASTERS

"Prediction is always difficult, but
especially when it's the future."

(For complete summary of Dr. Raleigh's
program, please see page 2.)

FORECASTING NATURAL DISASTERS

Earthquakes, volcanoes, weather and climate all generate occasional disastrous side-effects. One of the most certain, if least calamitous, is the temptation afforded to mankind to attempt to forecast the timing and severity of the event. Purely statistical forecasting has the high rate of failure it deserves. Deterministic models of infrequent events such as great earthquakes are not much more useful because of the inability to test either the mechanical/thermal principles or properties in situ.

Forecasting, in which probability of occurrence is related to a driving mechanism of known rate, is a useful device for thinking about large earthquakes and upon refinement, should help in planning. Deterministic climate modeling has recently led to an accurate long term forecast of El Nino independent of statistically interesting precursors.

Faced with frustration at Nature's general intractability, mankind has begun to perform a controlled experiment; namely to increase the opacity of the atmosphere to infra-red radiation by addition of CO₂, methane and other gases into the atmosphere. The warming process has already begun and the forecasts suggest that the civil and geological engineering of the next 100 years will be on the beaches.

ANNOUNCEMENTS

FROM YOUR CHAIRMAN

The February meeting was started with a short topic on Research of City of Los Angeles Records. The topic was prepared by Jeff Grover and Martin Lieurance, of Grover and Associates. Our main speaker was Professor Walter E. Reed from UCLA, who discussed the effects of oil spills on the marine life in the area of the spill. It was interesting to see how areas recover relatively quickly from spills and the abundance of marine life below the offshore platforms re-establishes itself.

Senate Bill 86, which would eliminate the Board of Registration for geologists and geophysicists, was discussed. The bill has been assigned to committee. Buzz Spellman, President of the Board, handed out information on the bill and reasons for retaining the board. All members of AEG are urged to write their senators,

Senator Boatwright, Senator Montoya and members of the Senate Business and Professions Committee. Please see elsewhere in this newsletter the more detailed information on who, where and what to write.

Chairman Byer announced that the Geotechnical Review Committee will be assembling a directory from responses to the questionnaire. This is the last chance to fill out the questionnaire that accompanied the January newsletter if you want to be in the directory.

The Spring Field Trip is slowly taking shape. The theme will be Unrecognized Geologic Hazards. Anyone wishing to submit papers may do so; however, the book should be ready for printing by the end of April. The cost of the field trip will be around \$30, provided some of the consulting companies donate to the cost of the trip.

Mike Reader of Baseline Consultants indicated they are looking for a Certified Engineering Geologist. Anybody interested can contact Mr. Reader at Baseline Consultants.

Dr. Lamar has scheduled Professor Clarence R. Allen of the Seismological Laboratory of the California Institute of Technology to speak to the Southern California Section in April. The short topic for the April meeting will be a description of the Geologic Problems in Constructing the Third Street Tunnel. The topic will be presented by Merv Johnson. In May, Charlie Buckley will be talking about the Geology of Potrero Canyon. The short topic for May will be Active Faulting in Malibu? presented by John Merrill.

FOR YOUR INFORMATION

The GSA guidebook mentioned by Tom Rockwell in the January meeting is still available, and contains most of the information that he talked about. It is \$15 plus \$1.50 shipping and handling--please make check payable to GSA Cordilleran Section. Send your order to: GSACS Guidebooks, Martin L. Stout, Dept. of Geology, California State University, Los Angeles, CA 90032.

MEMBER NEWS

KENNETH T. KLEBBA has been promoted to office manager and chief geotechnical engineer of the Palm Desert office of Leighton and Associates, Inc. Joining Klebba as an addition to the Palm Desert office will be JOHN F. HOEFFERLE, who has been named chief engineering geologist. FRANK KENTON has been promoted to chief engineering geologist for the Ventura office of Leighton & Associates, Inc. Leighton & Associates has also announced the appointment of Dr. GEORGE E. HEIM to the position of vice president and director of the Hydrogeology Division. Dr. Heim is currently serving as the U.S. representative to the International Atomic Energy Agency. DAVE GROVER gave a presentation on geology to the California Association of Real Estate Inspectors at their annual convention in San Diego in January, and to a class of real estate students in the San Fernando Valley in February.

ATTENTION

SENATE BILL 86

Hugh Robertson, Chairman of the Southern California Section Legislation Committee, along with John Byer, wants to encourage each AEG member to individually contact appropriate California State Senators regarding Senate Bill 86. You should know that, contrary to previous efforts to allow it to die a natural death through "sunset legislation," this bill is a serious effort to actively abolish the Board.

As you know, AEG, as a body, opposes this legislation, and by now the State Senate is aware of this. But they need to know that individual constituents share the same opinion. Below are the names and address of the Senators to contact.

In addition, Hugh suggests that you pass along to your clients information about SB 86, and request that they take the time to contact the legislators as well. Hugh invites anyone who wishes guidance as to exactly what to include in his letter to call him at (818) 991-6367 or (805) 373-0057.

Mailing Information

All Senators should be addressed as:

The Honorable _____
Member of the Senate
State Capitol
Sacramento, CA 95814

Dear Senator _____:

* * * * *

Joseph B. Montoya, Chairman
Business and Professions Committee
and
John T. Doolittle
William A. Craven
Leroy F. Greene
Milton Marks
Dan McCorquodale
Herschel Rosenthal
Ed Royce
Diane Watson

(All above Senators are members
of the Business and Professions
Committee.)

Editor's Note: If you lack the time needed to write a formal letter, at least send a postcard stating your opposition to the bill. Every communication, no matter how informal and brief, is counted as an aye or a nay when received at a legislator's office.

RENEWAL RENEWAL RENEWAL

If you are already on the section mailing list YOUR RENEWAL FEE WAS DUE JAN. 1, 1987. PLEASE RETURN THIS COMPLETED FORM, WITH YOUR CHECK IN THE AMOUNT OF \$15.00 (\$4.00 FOR STUDENTS), MADE PAYABLE TO "SOUTHERN CALIFORNIA SECTION, AEG," TO THE ADDRESS BELOW. THIS FEE PAYS FOR POSTAGE, PRINTING AND DISTRIBUTION OF THE NEWSLETTER, PUBLICATION OF FIELD TRIP GUIDEBOOKS, SECRETARIAL SERVICES AND SECTION ACTIVITIES. Members who have not paid their fee by April, 1987, will be dropped from the mailing list.

Name

Address

Mail to: STUDENT
RICHARD BROSE Yes [] No []
AEG Section Treasurer
LeRoy Crandall & Associates
900 Grand Central Avenue
Glendale, CA 91201

POSITIONS AVAILABLE

GEOTECHNICAL ENGINEER--Robert Stone & Associates, Inc. seeks a geotechnical engineer for the San Fernando/Riverside office with California Registration. Five years of geotechnical experience in California desirable. Competitive salary. Commensurate with experience. Send Confidential Resume to: Robert Stone & Associates, Inc., 15414 Cabrito Road, Unit A, Van Nuys, CA 91406 or Call: 818-989-5338.

STAFF ENGINEERING GEOLOGIST & SOIL ENGINEER--Hakimian Engineering, Inc. has an immediate opening for the position of Staff Engineering Geologist and Soil Engineer with at least two years experience, excellent report writing and communication ability, able to work independently. Salary range--\$1800 to \$2500 per month. Send resume to: Hakimian Engineering, Inc., 13003 Ladana Court, Santa Fe Springs CA 90670, Attn: Edward Saliba, (213) 946-7783.

DEADLINES

Below is a schedule of deadlines for information to be included in the newsletter. They are the dates by which the material must be RECEIVED BY THE EDITOR.

April Newsletter.....MAR 26
May Newsletter.....APR 23
June Newsletter.....MAY 21
July Newsletter.....JUNE 25
August Newsletter.....JULY 23
September Newsletter.....AUG 20
October Newsletter.....SEPT 18

SECTION MAILING LIST REQUEST AND FEE

IF YOU ARE AN AEG MEMBER AND WOULD LIKE TO RECEIVE SOUTHERN CALIFORNIA SECTION MAILINGS, PLEASE COMPLETE THE FOLLOWING FORM AND MAIL IT WITH A CHECK FOR THE APPROPRIATE AMOUNT TO THE ADDRESS INDICATED.

name

mailing address

(_____)

PHONE

Make check payable to Southern California Section, AEG.

FEES:

Member, Assoc. Member or Affiliate Member
[] \$15.00

Student Member [] \$4.00

Mail to:
RICHARD BROSE
AEG Section Treasurer
LeRoy Crandall & Associates
900 Grand Central Avenue
Glendale, CA 91201

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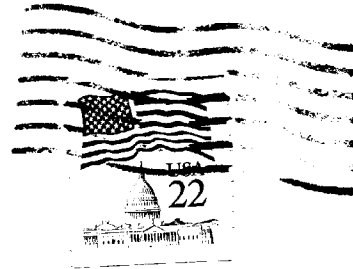
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