



SOUTHERN • CALIFORNIA • SECTION
NEWSLETTER

JOHN BYER
Chairman
213-877-2757

DON LAMAR
Vice Chairman
213-395-4528

RICHARD BROSE
Treasurer
818-243-4140

BOB ZWEIGLER
Secretary
818-980-0825

CHARLIE DAUGHERTY
Newsletter Editor
640 South Lake Avenue
Apartment 203
Pasadena, CA 91106

Office 213-489-6964
Home 818-796-3933

DINNER MEETING

<>Tuesday, August 11, 1987
<>Luminaria's Restaurant
3500 Ramona Blvd.
Monterey Park, CA
(213) 268-4177

<>\$16.00 (Includes Tip)

<>For reservations call
Richard Brose
818-243-4140

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

<>5:30 Social Hour
6:45 Dinner
7:30 Announcements
8:00 Speaker
9:00 Section Affairs

PROGRAM

Edward W. Fall
Principal Geologist
Converse Environmental Consultants
Pasadena, California

**LATE QUATERNARY FAULTING, MALIBU COAST
FAULT ZONE, MALIBU, CALIFORNIA**

See detailed summary page 2

TOPIC

LATE QUATERNARY FAULTING, MALIBU COAST FAULT ZONE, MALIBU, CALIFORNIA

Backhoe trenches excavated across South Winter Mesa, Malibu, California reveal the presence of several faults heretofore unrecognized which potentially impact future urban development in this area. The faults parallel the Malibu Coast fault system, and lie between mapped traces of the Malibu Coast and Puerco Canyon faults. They displace the Tertiary Monterey formation, and two overlying wave-cut platforms 80,000 and 125,000 years old. Regressive marine and prograding continental deposits resting on the platforms are also displaced. One fault disrupts basal sediments about 6,000 years old. Other parallel faults are truncated by pre-Holocene sediments capped by a strongly developed relict paleosol estimated to be 35,000 to 40,000 old. The newly discovered faults display both normal and reverse displacement, with vertical offsets ranging from several to 300 cm. Total offset is generally small, for no individual fault forms a major structural discontinuity, nor gives rise to escarpments or other geomorphic expression. The Winter Mesa faults are probably part of the Malibu Coast fault zone, and are likely secondary features generated in response to nearby large earthquakes. Disparate rupture histories on various fault segments indicate recurring late Quaternary earthquakes in this region extending into Holocene time. Accordingly, re-evaluation of fault and earthquake risk may well be warranted for this part of the Malibu Coast fault zone.

ANNOUNCEMENTS

NOTES FROM THE JULY 14 MEETING

There was a very good turnout of members and guests to hear Roy Schlemmon speak on the subject, "Colluvium-filled Swales: Potential Sources of Debris Flows in California."

The vast majority of those in attendance voted to return to Luminaria's for the August meeting rather than return to Steven's Steak House.

Rick Kent discussed his need for able bodies to help with all of the necessary work to organize and run the 1992 Annual Meeting. He handed out information about the the twelve different subcommittees, and

that information—including a sign-up form for volunteers—is included in this Newsletter. All members are encouraged to volunteer some of their spare time to make 1992 a memorable year in the annals of AEG.

The meeting also saw the completion of a new slate of candidates to be voted on for the Southern California Section term of office that begins in October. Alice Campbell, Chairman of the Nominating Committee, subsequently put together the enclosed ballot which should be completed and returned to her. TAKE A FEW MINUTES TO COMPLETE THE BALLOT AND PUT IT IN THE MAIL NOW.

THE NEWSLETTER HAS A NEW EDITOR!

The July Newsletter contained a notice that the present editor would step down after cranking out the October issue, and that a replacement would be needed by that time. The same announcement was made at the July 14 meeting, and Don Lamar made it clear that he was looking hard for positive responses from certain of his ex-students. Well—there are intellectually slow students, and then there are smart one who are physically slow. Chris Wills falls in the latter category. He didn't move for the door quite fast enough, and so has volunteered to be your new editor who will begin work in time for the November issue.

Chris lives in Van Nuys and works as an Assistant Engineering Geologist for the L.A. Department of Water & Power. He won his Master's degree at the University of Wisconsin in Madison after completing his Bachelor's degree requirements at USC. Chris reports that the first geology course he ever took was under the tutelage of Don Lamar. We can't imagine a better qualification than that for the editorship of the SCS Newsletter.

CHANGE OF ADDRESS

We repeat—if you want your Newsletter mailed to a new address, send the information to:

Robert Zweigler
Kovacs-Byer & Associates
11430 Ventura Blvd.
Studio City, CA 91604

POSITIONS AVAILABLE

SENIOR ENGINEERING GEOLOGISTS/GEOTECHNICAL ENGINEERS/CHEMICAL ENGINEERS

McClelland Engineers, Inc., Ventura Division, owing to an expanding practice, has immediate openings for experienced engineering geologists, geotechnical engineers, and chemical engineers. The successful applicants will have a Master's degree in their field, five plus years of progressive responsibility, California registration, and excellent technical and communication skills. These positions offer the opportunity to work on a large variety of challenging projects in an attractive Southern California location free of smog and congestion. Engineering geologists and geotechnical engineers should have Southern California project experience in one or more of the following areas: slope stability/hillside grading; hazardous waste site studies; geohydrologic studies; fault/seismicity evaluation; distressed property remediation; medium to large structural foundations. Chemical engineers should have experience in hazardous waste site studies and regulatory compliance. If you would like to be considered for one of these excellent career positions, please send your resume, including salary history, to: McClelland Engineers, Inc., 2140 Eastman Ave., Ventura, CA 93003, Attention: Mike Ploessel, Manager, Engineering Geosciences.

ENGINEERING GEOLOGIST

DeLeuw, Cather and Company, a member of the joint venture assigned to manage construction of the Los Angeles Metro Rail Rapid Transit System will have an opening for an Engineering Geologist in the September-October time frame. The position requires a degree in Geology, Engineering Geology or Geological Engineering, and a minimum of five years experience in borehole logging and mapping of geology revealed by construction. Associated experience in observing mined tunnels and monitoring geotechnical instrumentation is highly desirable. Preference will be given to the candidate who is California certified--or working toward certification--as an Engineering Geologist. Salary

commensurate with education and experience. Firm offer of employment is subject to client approval. Send resume in confidence to: Charles W. Daugherty, DeLeuw, Cather and Company, c/o PDCD, 600 South Spring Street, Los Angeles, CA 90014.

SECTION MAILING REQUEST & FEE	
If you are an AEG member and want to receive Section mailings, please complete the following form and mail it with a check for the appropriate amount to the person and 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	

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.

September Newsletter.....Aug 20
 October Newsletter.....Sept 18

MEMO

To: All Southern California Section Members

Subject: HELP! HELP! WANTED!!!

AEG ANNUAL MEETING
1992 LOS ANGELES, CALIFORNIA

Place: Preferably Beachfront

Time: Last days of September through first days of October

Annual Meeting Chairperson: Richard Kent
Vice Chairperson _____

SUBCOMMITTEES

Finance Chairperson _____
Budgets & cost accounting from each subcommittee, registration bank deposits, bank account, coordinate final fees and charges

Technical Programs Chairperson _____
Subject, length & criteria _____

Registration Chairperson _____
Front desk coordination, packets, credit cards, cash

Exhibits & Sponsors Chairperson _____
Solicitations and setup

Publicity Chairperson _____
International, national, regional and local advertising

Publications Chairperson _____
Program with abstracts, field buidebooks, flyers, tickets, registration forms

Richard J. Proctor
Alice M. Campbell

Field Trips Chairperson _____
Where, when, who

Richard J. Proctor
Frank J. Kenton

Guest activities chairperson _____
Local nontechnical tours, host hospitality room, gifts

Hotel & Transportation Chairperson _____
Suites (executive & hospitality), press room, guest reservations, Board of Directors meeting room, Catering, coffee breaks, lunches

Continuing Educ Chairperson _____
Coordination with Association Continuing Education Committee on short courses

Symposia Chairperson _____
Coordinate with other professional societies, government, universities, etc., what kind

Special Events and Banquet _____
Icebreaker, exhibitors' luncheon, speakers' breakfasts, corporate luncheon, banquet, banquet speaker, general entertainment

ALL VOLUNTEERS SHOULD COMPLETE THE FOLLOWING FORM AND RETURN IT TO:

Richard Kent, Chairperson
1992 AEG Annual Meeting
P.O. Box 17598
Irvine, CA 92713

For information call Rick Kent at 714-261-6441 day or 714-544-7249 eve

AEG 1992 ANNUAL MEETING
Yes, I am anxious to volunteer and become part of the great tradition. Please sign me up and make me responsible for duties on the Subcommittee I have designated below.
SUBCOMMITTEE _____
name _____
affiliation _____
address _____
telephone (work) _____
telephone (home) _____

PROFESSIONAL SERVICES

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CHARLES DAUGHERTY
640 SOUTH LAKE AVENUE
APARTMENT 203
PASADENA, CA 91106

