

**ASSOCIATION
OF
ENGINEERING GEOLOGISTS**
Southern California Section

"Serving Professionals in Engineering, Environmental, and Groundwater
Geology Since 1957"

NEWSLETTER – MAY 2000

Monthly Dinner Meeting

Date: Tuesday, May 9, 2000
Location: Stevens Steak House, 5332 Stevens Place, Commerce, CA
Time: 5:30 p.m. - Social Hour; 7:00 p.m. - Dinner and Presentation
Reservations: Call (949) 253-5924, ext. 564 by 5:00 p.m., Friday, May 5, 2000
Cost: \$25.00 per person with advance reservations, \$30.00 at the door, and \$12.00 for students w/ valid i.d. "No-shows" will be billed \$10.00.

Speaker: ART STUKEY

Subject: DAM EXPLORATION-LESSONS FROM THE 19TH CENTURY

Structural exploration of dams built before 1900 may occasionally encounter unique foundation conditions; some of these may be related to the structure of the dam, or to construction methods that are no longer used. Recent evaluation of a decommissioned, 1893-vintage, stone-masonry dam in upstate New York revealed evidence of a unique method of river diversion that became part of the fundamental structure of the dam. The dam was slated for rehabilitation and upgrading with addition of a small hydro-power station. The investigation involved geotechnical drilling within the body of the dam, geological evaluation of materials, and interpretation of a series of photos taken during the original construction period, all of which were used to develop an understanding of the design and geometry of the dam for rehabilitation.

Art Stukey is a graduate of Tufts University (Medford Massachusetts) and the University of New Mexico (Albuquerque) who holds a BS and MS in Geology. His experience includes four years in Petroleum Exploration and approximately 30 years in Engineering Geology. The last 25 years have been primarily with Harza Engineering, home based in Chicago, but involving travel to large and small-scale water supply and hydro-electric projects in this country and overseas. He has been a member of the Association of Engineering Geologists (AEG) since 1972, and has progressed through the officer ranks of the North Central Section, now serving as president of the Association.

(There is a second meeting on May 18 in San Diego. Please read Chair's column for more information)

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CHAIR'S COLUMN

On the weekend of April 8th and 9th the AEG Board of Directors met in Nashville for our spring meeting. Decisions made at the meeting included increasing the dues for Members and Associate members by \$10 for 2001. This increase is the first in seven years and was necessitated in part by the rising cost of printing the Association journal and other publications. The Executive Council will review the dues increase at their summer meeting and have the authority to revoke the decision if the budget can be reworked sufficiently. In the latest edition of the AEG News, you will find a pie chart showing the expenditure of your dues payments, as you will see a majority of your dues goes toward preparation of the Association publications.

Also at the Board meeting, a vote was held to elect a member of the Association to Honorary status. It gives me great pleasure to announce that Roy Shlemon will be conferred as an Honorary Member at the annual meeting in San Jose in September. Congratulations Roy!

The San Diego State University Student Chapter also got a helping hand at the Board meeting when it was decided to reduce the founding membership quota from twelve students to three. As a result of this, the SDSU Chapter filed paperwork this week with the Association seeking the formation of the chapter. To celebrate, the SDSU Student Chapter is hosting a dinner meeting at the campus of SDSU on May 18th. The speaker will be the AEG/GSA Jahns Distinguished Lecturer for 2000, Allen Hatheway, who was originally scheduled for our April meetings. I strongly encourage members to attend this very interesting presentation and at the same time support the new Student Chapter.

I would like to announce the opening of nominations for the Southern California Section officers. All positions will be open for election this year as my two year term is expiring. Any nominations may be forwarded to me at schellbw@aol.com, ph./fax 949-653-7150 or by mail at 3775 Carmel Ave, Irvine, CA 92606. Nominations will close on June 15, 2000 and elections for section officers will occur in July. If anyone would like to help out the section but feels an officer position is not what they are after, we have many opportunities for volunteers to help with field trips, short courses, publications etc. Please let me know if you are interested in volunteering. Unfortunately I will be on vacation in May and will be unable to attend either of the dinner meetings. Dave Seymour will be filling in for me in my absence.

See you in June!
Wendy Schell, Chairman

A MESSAGE FROM REX UPP, AEG VICE PRESIDENT

Southern California AEG members: We need a little help. We all expect that the AEG 2000 Annual Meeting in San Jose will be very successful, but it will also be expensive. Sponsorships and Advertising by your Vendors and Suppliers (V/S) will help defray the costs. V/S depend on us for much of their business success and with a little urging they should be willing to help our profession in return.

You can help AEG by getting this message to your own V/S. Our request is simple:

1. Send an informational and request letter on your company letterhead to all your V/S (e.g., drillers, testing labs, grading contractors, remediation contractors, etc.) Address the letter to a decision maker in person, if possible. A suggested sample letter is given below which you can modify as appropriate. This letter also can be downloaded from the AEG website (AEGWEB.ORG)

2. Send a list of your V/S addresses to both Gretchen Mora for meeting sponsorships and to AEG Headquarters for Program advertising. They will send appropriate information packets to your V/S.

a. Gretchen Mora
AEG 2000 Sponsor Manager
Ninyo & Moore
675 Hegenberger Rd., Ste. 220
Oakland, CA 94621-1919
FAX: 510-633-5646
aegnews@visto.com

b. Kim Samford
AEG Executive Secretary
Dept. of Geology & Geophysics
Texas A & M University
MS 3115
TAMU
College Station, TX 77843-3115
FAX: 979-847-9313
aeg@tamu.edu

3. Follow-up with a phone call to your V/S.

It's that simple - but the deadline for advertisements in the Program and Abstracts is June 30, 2000.

Thanks for your help.
Rex Upp
AEG Vice President

**A MESSAGE FROM REX UPP, AEG VICE
PRESIDENT (cont'd)**

SAMPLE LETTER

(Mr./Ms.) _____
c/o (name of company)

_____, CA _____
Dear. (Mr./Ms.) _____:

Many of your clients are engineering geologists and most of them are members of the Association of Engineering Geologists (AEG). This coming September, AEG will hold its national meeting in San Jose. At least 800 engineering geologists are expected to attend, including over 300 from Southern California.

This meeting presents an excellent opportunity to promote your business to potential customers while at the same time showing your appreciation and support of our profession. There are two ways that you can promote your business while supporting the profession: Sponsorships and Advertising.

Sponsorship: (name of company) could contribute \$500 to help sponsor such events as a speaker's breakfast or technical session coffee break; or \$2000 to sponsor a field trip (these are suggested amounts; any contribution will be greatly appreciated). Sponsors are acknowledged in the program, with a poster at the sponsored event, and a poster at the main entry. We would also distribute your brochures at the sponsored event or in the registration packet given to attendees.

Advertising: Placing an ad in the meeting program will reach all geologists who attend the meeting as well as members who do not. Geologists generally keep these programs as technical references and as a source of vendors from the advertisements. As an added value, advertisers will be listed on the AEG web page (aegweb.org) at no extra charge. You may also link your own web page to this listing at no charge. Because of our publication schedule, the advertisement deadline is June 1, 2000.

Soon, you will receive information on both of these opportunities from a meeting committee member and from AEG headquarters. Thank you for considering this opportunity to help both your business and the Association of Engineering Geologists. If I can answer any questions, please call.

Yours very truly,

S/(your name and company affiliation)

**GEOLOGIC WORK RESERVED FOR
GEOLOGISTS IN INTERNATIONAL BUILDING
CODE**

Testimony by the California Council of Geoscience Organizations at the International Code Council Hearings in Birmingham, Alabama, on April 14 and 15, 2000, was part of a successful effort to ensure that geologic work required by the International Building Code (successor to the Uniform Building Code) is performed by geologists, not architects or engineers. This success contributes to continued improvements in public safety.

The American Institute of Architects (AIA) graciously modified its proposed code change that would have defined "registered design professional" as "an individual who is registered or licensed to practice architecture, engineering, land surveying, and landscape architecture..." by adding "or geology." AIA's modified proposed change was supported by CCGO, the American Institute of Professional Geologists, and the Association of Engineering Geologists (AEG). The AIA proposal was defeated, but that leaves geologists and other professionals free to practice "their respective design profession as defined by the statutory requirements of the professional registration laws of the state in which the project is to be constructed." If AIA had not modified its proposal by adding "or geology," and the proposal had been adopted, numerous code provisions would have limited geologic work to persons licensed in non-geologic professions.

CCGO then negotiated a modification to a separate proposal by the National Council of Architectural Registration Boards (NCARB). NCARB's unmodified proposal was to replace the term "registered design professional" with "architect/engineer" in the structural chapter of the code. That proposal would have prohibited geologists from designating active faults, planning and carrying out subsurface exploration programs, and recommending appropriate setbacks from the crests and toes of slopes. NCARB thought it had already included geology in its proposed change by including "geological engineering" in the definition of "architect/engineer." Upon learning the difference between geologists and geological engineers NCARB modified its proposal to add "or geologist" in the six relevant code provisions proposed to be changed. The entire NCARB proposal was defeated, leaving all registered design professionals, including geologists, free to practice their professions.

CCGO also testified in support of a proposal to add a Grading appendix to the existing code. The proposal was defeated by the slimmest of margins, largely on technicalities, leaving the existing International Building Code still without a requirement for a grading plan, grading permit, soils report for grading, grading

**GEOLOGIC WORK RESERVED FOR
GEOLOGISTS IN INTERNATIONAL BUILDING
CODE (cont'd)**

observation, cut and fill slopes at safe gradients, or drainage and debris terraces on high cuts and fills, and leaving local jurisdictions to develop their own grading codes. CCGO will continue its involvement in the effort to add grading provisions to the code.

Geologists once again drew a lot of attention at the hearings and continued to increase support for inclusion of geologic practice in building codes. To join CCGO's Code Development Committee, contact CCGO President Betsy Mathieson at (650) 688-6755 or emathieson@exponent.com.

**PROGRESS REPORT, AEG•GRA 2000: GOOD
NEWS & GOOD PROGRESS**

by: Robert E. Tepel, General Chair

AEG•GRA 2000 has commitments for 31 of our 38 Exhibit Hall booths! This is a wonderful achievement so early in the game. If you know of an agency or company that is a potential exhibitor, let them know we expect a successful, well-attended meeting and they can still get in on the Exhibit Hall action by calling Julie Keaton at 520-204-1553.

We have 10 sponsors signed up, including two major sponsors at \$2,000 or more.

Leo Alvarez is on schedule with the drafts for the field trip guidebook. The page count is not yet final, but could be about 200. This is a major effort. Thanks, Leo and authors.

We have time slots for 232 papers. Chuck Snell (Symposium Chair) and the convenors of ten symposia are filling 120 of those slots with quality papers from invited authors. Two of the symposia may yield proceedings volumes.

Thanks to Dennis Maslonkowski (and some slave labor at the April AEG SF Section meeting), 4200 post cards reminding members of AEG and GRA and others on the combined mailing lists were mailed by mid-April.

Frank Groffie is setting up a great Teachers Workshop. Betsy Mathieson received AEG Board approval for the Outstanding Project award that will be presented at our opening Plenary Session. Linda Upp and Alice Tepel are preparing a varied and high-quality spouse-guest program.

Frank Kresse and Steve Korbay have a record number (32 at last count) of field trip leaders, co-leaders, and contributors working with them to produce an outstanding field trip program. I wish I could go on all of the field trips. Oh, well, it's wait until next year for me, but you have some glorious opportunities.

John Williams has four well-targeted short courses planned. I wish I could take all of them, too.

All in all, nearly 70 volunteers are working together to make AEG+GRA 2000 a success. Add the fifty (!) student assistants that Corrine Stewart is recruiting and you can see that the attendees will owe a big THANK YOU to 120 hard-working souls.

ABOUT BRGG

The AEG Southern California Section Legislative Committee is in the process of reviewing the experience requirement issue and formulating the section's opinion. Any member with comment is encouraged to contact a member of the committee and their views will be taken into consideration.

**BOARD PUBLISHED ITS POLICY ON USE OF
BOARD'S SEALS**

BRGG published its policy position that seals should be used on reports, documents, attachments, maps or other forms of written communication required to be prepared by a licensed Registered Geologist or Registered Geophysicist.

According to the Board's legal counsel, in its memorandum dated August 12, 1999, the completion of a Natural Hazard Disclosure Statement is not the practice of geology and therefore it is not appropriate to seal Natural Hazard Disclosure Statements and other non-geologic reports and forms such as escrow reports and resumes with its seals.

The title of this publication is "Board Policy On The Use Of The Board's Seals" and it is available from the Board.

**INFORMATION OF LICENSURE AS A
REGISTERED GEOLOGIST**

The Board also has a publication on education and experience requirements for licensure as a Registered Geologist. The title of this publication is "Information On Licensure As A Registered Geologist." Interested members may contact the Board or our organization for a copy.

A DAY IN THE FIELD WITH TOM DIBBLEE PALOS VERDES PENINSULA

Saturday, June 17, 2000, 8:00 a.m. - 4:00 p.m.

The **Dibblee Geological Foundation** invites you to participate in a rare opportunity to visit several classic geologic locations and spend a day in the field with *living-legend* **Tom Dibblee, Helmut Ehrenspeck**, local geologist **Keith Ehlert**, and others. The new Palos Verdes Peninsula map by **Tom, Helmut, and Perry Ehlig** will be available and will be featured on this field trip. There is dramatic geology for just about every interest on the Palos Verdes Peninsula. This trip is in association with the AAPG-SPE Conference.

Proceeds from this trip will benefit the Dibblee Geological Foundation, a nonprofit educational organization dedicated to the preservation and publication of Tom Dibblee's extensive geologic mapping of California. Spend a special day in the field with Tom and enjoy a great barbecue picnic overlooking the blue Pacific while supporting this very important cause.

Fee: \$100.00 (includes bus transportation, field trip guidebook, maps, lunch, and donation). Registration deadline is June 9th. Advanced registration is necessary to reserve a bus seat.

Interested in sponsorship or presenting a local project poster board? Call Dick Brown at 562-598-0595.

For further information e-mail John Powell at powell.family@gte.net, call 805-987-5846, or write to PO Box 2309, Camarillo, California 93011

Registration Form

Name _____, Telephone _____

Street Address _____

City _____, Zip _____

Fax _____, e-mail: _____

Make checks payable to the Dibblee Geological Foundation and mail this form with your check to: John Powell, PO Box 2309, Camarillo, California, 93011. A meeting place map and schedule will be e-mailed or faxed with your registration confirmation.

ASSOCIATION OF ENGINEERING GEOLOGISTS PUBLICATION ORDER FORM

Ordered By/Shipping Address:

Mail Order Form To:

NAME		AEG Southern California Section, Publications Chairperson
ADDRESS		C/O Leighton and Assoc., Inc
CITY, STATE, ZIP		31344 Via Colinas, Ste 102 Westlake Village, California 91362
PHONE		Attention: Dawn James Ph.: (818) 707-8320 ext. 224 (Inquiries only, orders must be mailed with payment)

TITLE / DESCRIPTION	PRICE	QTY	TOTAL
Baldwin, J.E. and Sitar, N., 1991, <u>Loma Prieta Earthquake: engineering geologic perspectives</u> , AEG Special Publication No. 1, 170p	\$10.00		
Bishop, K. and Tandy, 1995, <u>Ground Failure during the January 17, 1994 Northridge earthquake</u> : Association of Engineering Geologists, Southern California Section, Annual Field Trip Guidebook, November 11, 1995, 106p.	\$20.00		
Blake, T.F., 1994, <u>Attenuation of Strong Ground Motion from Earthquakes</u> , Volume II, 2-in 3-ring binder	\$20.00		
Blake, T.F., 1996, Technical Program Coordinator, <u>What's Shaking in Southern California? Seismic hazards analysis- The sequel</u> : Association of Engineering Geologists, Southern California Section, Short Course, January 20, 1996, program notes in 2-in 3-ring binder	\$40.00		
Briggs, R.P. and Parke, C.D., 1990, <u>Guide to Field Trips in Pennsylvania, Ohio, and West Virginia</u> , AEG 33 rd Annual Meeting, October 1-5	\$15.00		
Blake, T. and Larson, R.A., eds. 1991, <u>Engineering geology along the Simi-Santa Rosa fault system and adjacent areas. Simi Valley to Camarillo, Ventura County, California</u> : AEG, Southern California Section, Annual Field Trip Guidebook, August 24, 1991, v. 1 & 2, 383 p. 4 map sheets	\$25.00		
Bucxley, C.L., and Larson, R.A., eds., 1990, <u>Geology and Engineering Geology of the Western Soledad Basin Los Angeles County, California</u> : Association of Engineering Geologists, Southern California Section, Annual Field Trip Guidebook, November 3, 1990, 185 p., 2 map sheets	\$15.00		
Byer, J.W., 1975 <u>Sycamore Canyon Fault, Verdugo Fault, York Boulevard Fault, Raymond Fault, Sierra Madre Fault Zone</u>	\$20.00		
Cann, L. and Steiner, eds., 1992, <u>Engineering Geology along Coastal Orange County</u> , annual Field Trip Guidebook, Association of Engineering Geology, Southern California Section	\$15.00		
<u>Highway and Railroad Slope Maintenance</u> : AEG, 34 th annual meeting, September 29 th - October 4 th , 1991	\$10.00		
Leighton, F.B. <u>Mitigation of geotechnical litigation in California</u> : Munson Book Associates, Huntington Beach, California, 274p.	\$20.00		
Sieh, K.E., and Matti, J.C., 1992, <u>Earthquake geology, San Andreas fault system, Palm Springs to Palmdale</u> : AEG, 35 th Annual Meeting, Field Trip Guidebook, October 3-4, 1992	\$10.00		
Stout, M.L., ed., 1992, <u>Proceedings of the 35th annual meeting, Association of Engineering Geologists</u> , October 2-9, 1992: 740p.	\$5.00		
Cann, L.R., Cobarrubias, Hollingsworth, B., 1992, <u>Engineering Geology Field Trips Orange County, Santa Monica Mountains, and Malibu</u> : AEG 35 th Annual Meeting, Field Trip Guidebook, October 2-9, 1992	\$10.00		
<u>Los Angeles Metro Rail System Field Trip Guidebook</u> , Association of Engineering Geologists, 35 th Annual Meeting October 2-9, 1992 Long Beach, California	\$10.00		

**DELIVERY CHARGES ARE \$3.50 FOR THE FIRST BOOK,
\$1.00 FOR EACH ADDITIONAL BOOK**

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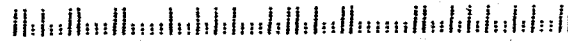
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Southern California Section



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