



ASSOCIATION OF ENGINEERING GEOLOGISTS

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

NEWSLETTER – JANUARY 2002

MONTHLY DINNER MEETING

Date: Tuesday, January 8, 2002
Location: Stevens Steakhouse, 5332 Stevens Place, Commerce, CA
Time: 5:30 p.m. - Social Hour; 7:00 p.m. – Dinner; – 8:00 p.m. Presentation
Reservations: Call (949) 253-5924 ext. 564 by 5:00 p.m., Friday, January 4, 2002
Cost: \$25.00 per person with advanced reservations, \$30.00 at the door, and \$10.00 for students w/ valid I.D., "No-shows" will be billed \$10.00

**BRING IN THE NEW YEAR WITH AEG
COMPLIMENTARY WINE WITH DINNER AND RAFFLE**

SPEAKER: Rex Upp, AEG President
TITLE: Grade a Road, Go To Jail; A Saga of the Criminal Justice System
ABSTRACT: "I'm sorry I didn't call, but I've been in jail". With these words from my client, my saga began into the Criminal Justice System. At about 5:00 p.m. on a Friday in September 1996, sheriff deputies arrested the defendant (my client) at his place of business. Because of the timing, he could not see a judge until Monday, when he was released from jail. The defendant owns property in the Santa Cruz Mountains in the central Coast Range of California. As a result of road grading done in 1995 and 1996, six charges were filed against him including water pollution, grading without a permit, and grading without protecting adjacent properties.

In trial, I testified on the following issues: The sandstone and shale that had blocked the highway was geologically different and could not have come from the defendant's grading. The blockage of a culvert and washout of a rural road downstream from the defendant's property had occurred long before his grading, based on the nature of the material blocking the culvert and the age of the washout scar. A slip-out on a highway road cut was not related to diversion of runoff but had a history of failures prior to 1995. Virtually all of the sediment that eroded from the defendant's grading remained in retention basins on the defendant's property. The debris flow that blocked the highway in the El Niño storm of February 1998 was caused by a slope failure in a different watershed from the defendant's grading. The jury acquitted the defendant of grading without protecting adjacent property, presumably because there was no measurable off-site damage. The defendant was convicted of the other charges.

BIO: Rex Upp, current President of AEG, holds several degrees in geology and engineering, including a Ph.D. in Engineering Geology from Stanford. He holds both CEG and GE licenses and has been a consultant in the San Francisco Bay area since 1977. His company deals mostly with hillside residential projects, including new construction, distressed properties, landslide repairs, erosion and drainage problems, and fault evaluations. Rex joined AEG in 1976 while at Stanford.

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Jeff Kofod
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CHAIR'S COLUMN

By David Seymour

Welcome to 2002! Twenty-two years ago I used to sit and ponder the turning of the century, as I would be 40 years old and well over the hill. Three kids, two cars and a mortgage later, I now wonder how the time passed so quickly. It's already 2002 for crying out loud. Help our section bring in the New Year at the January meeting. Come rub elbows with your colleagues, share a drink, a few stories and break some bread. After all, life's too short.

Before 2002 ends, I'd like to share with you a few of my goals for our local section. Accomplishing some of these goals will require your assistance, and I hope that you'll be willing to share some of your time. My main goals for 2002 are to increase distribution of the electronic version of our newsletter, establish a website, conduct a field trip, and provide better services to our members.

In order to fulfill these goals, each member needs to understand our basic financial needs and how our funds are distributed. Each section member currently pays \$25.00 annually to support our section operations. Our annual income varies from year to year and is highly dependent upon member dues, contributions, publication sales, ads, and funds generated by short courses and field trips. Our annual income typically varies from \$10,000 to \$14,000. Our main costs are reproduction and distribution of the newsletter and our lobbyist. Mailing and distribution of the newsletter typically costs about \$700 per month, or \$7,000 per year. Our lobbyist costs \$7,200 per year. You don't have to be an accountant to figure this one out.

In short, we need to cut costs and increase income. Due to the political world we reside in, eliminating our lobbyist is not a prudent option. Reducing mailing costs is a viable option, along with increasing income.

Electronic Newsletter

Thanks to **Jeff Kofoed**, our newsletter editor and secretary, our electronic newsletter has improved and is easier to distribute. Our current problem is that very few members have elected to receive it, only 50 out of 500. You may not realize it, but over half of your section dues go to mailing you a hardcopy of the newsletter. Starting this month, you will receive an electronic version of the newsletter. Over the next couple of months, **I would like each of you to take the time and request the electronic version only.** *All you have to do is send Jeff an e-mail.* The e-issue is in Acrobat Reader and identical to the hardcopy version.

Section Website

I have a lot of ideas for a section website that would be useful to our members. **The problem is we can't afford a website until we reduce our mailing costs.** *All you have to do is send Jeff an e-mail.*

Field Trip

Our last field trip occurred over two years ago, and was led by **Dr. Kim Bishop**. I had a great time on that trip, by the way, and I'd like to run a field trip this year. We are still looking for a field trip chair. Please contact me if you're willing to help.

Member Services

Improving member services has a lot to do with the members themselves. After all, like most professional organizations, our association relies on volunteers. More volunteers typically create better services, which in turn generate more enthusiasm, and God forbid, more fun. Most of us look toward professional organizations for technical information and self improvement. I can honestly say, however, that I've gained more by volunteering and being a part of the organization. If you don't believe me, then volunteer and find out for yourself.

Raffle Items

A big thank you to Larry Cann for donating numerous items from his personal library. We still have a couple of items left to raffle off. We generated a happy little sum off of Larry's items, and would like to keep the raffle ball rolling. If you have something you'd like to contribute, please bring it to our next meeting, our contact me if you'd like to drop it off.

Best wishes in the coming New Year. I hope to see you at the next meeting.

MEMBERSHIP RENEWAL

If you are unsure about your membership status, please contact **Wendy Schell**, Membership Chair, **Jeff Kofoed**, Secretary, or me.

YEAR 2002 CONTRIBUTORS NEEDED

Contributions from corporations and individual members for 2002 are greatly appreciated. Contributors will be listed in our newsletter throughout the year and can post their logo or business card in the newsletter if so desired. Please mail contributions made out to **AEG** to our section chair, David Seymour, 26276 Buscador, Mission Viejo, CA 92962.

YEAR 2001 CONTRIBUTORS TO OUR SECTION**One last big thanks to:**

Larry Cann
William Elliott
Dr. Peter Weigand (CSUN)
GeoSoils Consultants, Inc.
Grover-Hollingsworth & Associates
Petra Geotechnical, Inc.
Stoney-Miller Consultants, Inc.
Zeiser Kling Consultants, Inc.

YEAR 2002 MEETING SCHEDULE

<u>Date</u>	<u>Speaker</u>	<u>Location</u>
January 8	Rex Upp	Steven's Steakhouse
February Joint w/SCGS	TBA	El Adobe San Juan Cap
March Joint w/ ASCE	TBA	Steven's Steakhouse
April	TBA	TBA
May	TBA	TBA
June	TBA	TBA
July	NO MEETING	
August	TBA	TBA
Sept.	TBA	TBA
October	NO MEETING	AEG National
November Joint w/ IGS	Tentative	TBA
December	TBA	TBA

Please contact **Lorraine Muto**, Vice Chair, if you would like to volunteer as a speaker or have a lead.

AEG SOCIAL SECTION COMMITTEE
CHAIRS

MEMBERSHIP – Wendy Schell (949) 653-7150
 LEGISLATIVE AND REGULATORY AFFAIRS - Joe Cota (818) 785-2158 (cotageo@thevine.com)
 PUBLICATIONS - Dawn James (818) 707-8320 (djames@leightongeo.com)
 FIELD TRIPS - OPEN
 SHORT COURSES - Kerry Cato (909) 506-9688
 EDUCATION - Ali Tabidian (818) 677-2536
 EDITOR – Jeff Kofoed

FIELDTRIP CHAIR NEEDED!

We are still looking for a fieldtrip chair. If you would like to volunteer, or have any fieldtrip ideas, please contact Dave Seymour.

DIBBLEE MAPS NOW ON CD

The Dibblee Geological Foundation recently produced 100 CDs of 18 of Tom's geological maps. Each CD includes 23 quadrangles from Camarillo to Mt. Wilson. Contact the address below for more information.

Dibblee Geological Foundation
 P.O. Box 2309
 Camarillo, CA 93011
 (805) 987-5846

VIRUS ALERT!!

Your newsletter editor's computer has been recently infected by a robust virus. It has wiped out many files, namely the graphic ads for the newsletter. These will return next month. Only Norton 2002 is able to detect the virus. The virus propagates by emailing itself to people in your email address books. Ignore emails with attachments from me dated after December 20 until further notice.

RATES FOR ADVERTISING IN AEG
SOCIAL SECTION NEWSLETTER

Corporate and Members:

Preprinted Insert	\$300/yr
1 pg	\$200/yr
1/2 pg	\$125/yr
1/4 pg	\$100/yr

Non-members:

Preprinted Insert	\$400/yr
1 pg	\$300/yr
1/2 pg	\$175/yr
1/4 pg	\$125/yr

Monthly Ads (Members & Non-Members)

1 pg	\$75/mnth
1/2 pg	\$50/mnth
1/4 pg	\$25/mnth

ASSOCIATION OF ENGINEERING GEOLOGISTS
SOUTHERN CALIFORNIA SECTION

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 31344 Via Colinas, Ste 102
CITY, STATE, ZIP		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		
Shlomon, R.J., 1993, <u>Applications of Soil Stratigraphy to Engineering and Environmental Geology</u> , Short Course Volume I, 3-ring binder	\$20.00		
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		
Buxley, 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, Verduqo Fault, York Boulevard Fault, Raymond Fault, Sierra Madre Fault Zone</u>	\$20.00		
<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		
Tepel, R, 1995, <u>Professional Licensure for Geologists, an Exploration of Issues</u> , Association of Engineering Geologists Special Publication No. 7, 1995			
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**

SUBTOTAL	
DELIVERY	
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EMPLOYMENT OPPORTUNITIESLEIGHTON & ASSOCIATES

Leighton and Associates is a recognized leader in geotechnical engineering throughout Southern California. Meeting and exceeding client expectations for

technical quality and cost-effective service, Leighton and Associates has provided innovative construction design solutions and field support for more than 40 years. Our clients know us for creative site planning, solid foundation and earthwork designs, land development, construction management, and construction observation and testing services that stand the test of time.

Challenging opportunities are currently available in Leighton's offices in Irvine, San Diego, Santa Clarita, Westlake, Chino and Temecula offices. We offer generous benefits, interesting project assignments, and teams with whom you will enjoy working.

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Chino, San Diego and Temecula

STAFF GEOLOGIST - ENVIRONMENTAL

San Diego

Accepting applications for various positions at all locations. Please visit our web site for more information.

Resume with salary history (in confidence) with a reference to AEG to:

Human Resources
Leighton & Associates
17781 Cowan, Suite 100
Irvine, CA 92614-6009
Fax 949-250-1769

resume@gtginc.com

www.leightonge.com

No phone calls, please. EOE

LAWSON & ASSOCIATES GEOTECHNICAL CONSULTING Inc.,

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Resumes may be sent to:

Kristen @

Phone: (949) 369-6141

Fax (949) 369-8083

or

P.O Box 1074 San Clemente

CA 92674

AMEC EARTH & ENVIRONMENTAL**Staff Geotechnical Engineer**

1-3 yrs of experience in the geotechnical field. EIT, RCE (pref'd) Experienced in field exploration & laboratory testing phases of geotechnical investigations. Good analytical & computer skills. Highly motivated individual with keen desire to develop technically & professionally. BSCE, MSCE (pref'd).

Senior/Principal Geotechnical Engineer

5/10 yrs of experience in the geotechnical field with a track-record of progressively increasing project management responsibilities. RCE, GE (pref'd)/GE for Principal. Established skills in geotechnical analysis including knowledge of current software. Highly motivated individual capable of managing several independent projects. Good verbal & written communication skills. Seller/Doer - able to market and develop clients, prepare comprehensive proposals, manage project to completion & provide appropriate follow-up service/marketing efforts. BSCE, MSCE (pref'd).

Staff Engineering Geologist

1-3 yrs experience. CEG Career Path, field experience & excellent computer skills. Report writing experience & skills. Solid work history. BS, MS (pref'd).

(cont.)

(cont.)

Project/Senior/Principal Engineering Geologist

Min. 5-7-10 years experience Project/Senior/Principal, respectively) CEG Career Path, varied geotechnical Project Management experience. Demonstrable client development history & experience. Seller/Doer - able to market/develop client, prepare comprehensive proposals, manage project to completion & provide appropriate follow-up service/marketing efforts. BS, MS (prefd).

Marketing Coordinator:

Geotechnical, environmental and construction material fields; experienced in compiling SOQs, Proposals, 254s, 255s; able to pursue leads from IMS sheets, Dodge Reports, etc. and bring to attention of managers; good communication skills – writing and on phone; proficient in Word, WordPerfect, Excel and Power Point.

Fax/email resume stating position of interest to:

D. Cooper

Email: dcooper@agraus.com

Fax: (714) 779-8377

JS LABORATORIES, INC.

USLB has immediate openings for Senior, Project and Staff level Geotechnical Engineers and Geologists, with 5 to 10 plus years of experience. We are also looking for experienced Field Technicians and Inspectors with appropriate certifications. Positions available in our Ventura, Irvine, San Diego and Las Vegas offices (BTC, TELA, TESD, BUENA).

Please submit resumes in confidence to our Corporate office:

US Laboratories, Inc. (USLB)
7895 Convoy Court, Suite 18
San Diego, CA 92111
Attn: Human Resources c/o M. O'Brien

E-mail: mobrien@uslaboratories.com

CDMG

The California Division of Mines and Geology is seeking an energetic, experienced Manager/Seismologist to oversee a 3 million dollar annual budget and a dedicated team of 26 geologists, seismologists and support staff in Sacramento.

Primary ongoing program efforts include studies active faulting, probabilistic earthquake analysis, earthquake risk and loss analysis, earthquake history, geotechnical review, landslide mapping, and regional geologic mapping. Applied research experience in probabilistic earthquake analysis and earthquake risk and loss analysis is desirable, as is familiarity with HAZUS.

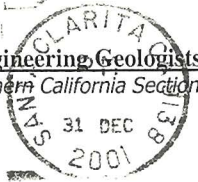
Management experience and Professional Registration in California (which may be obtained within the first year of employment) is required. A Ph.D. is desirable. Liberal benefits and a starting salary of \$67,644 await you.

A second position at the same level, also in Sacramento, may also occur by late March, 2002. This second position will manage the CDMG Technical Information and support Program, which oversees publication production and sales, electronic conversion of data, our library and photo collections, and constituent outreach.

Contact Cindy Ballou, Personnel Liaison at (916) 445-1401 or cballou@consrv.ca.gov for details about either position.

Association of Engineering Geologists
Southern California Section

J. Kofoed
AEG Newsletter Editor
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