

Newsletter

Inland Empire Chapter News

Southern California Section, Association of Environmental and Engineering Geologists

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Dec 4 2006, (22-Nov-06)

Vol.2, No.12

" Does local lead agency control really work (in respect to SMARA, Alquist-Priolo, Seismic Hazards Mapping, etc.)"

Tuesday 12-December-2006

5:30 - 6:15	Geologist Orientation	Bar Room
6:15 - 6:50	Dinner	Banquet Room
7:00 - 7:15	Meeting - Business	Banquet Room
7:30 - 8:30	Speaker Presentation	Banquet Room

Cask n Cleaver Steakhouse, Corona

(Meeting Cost \$26.00 to \$36.00 Banquet Menu

(includes tax/tip/gratuity & dessert)

(Fund-raising donation suggested is \$5.00, or more)

(RSVP/Directions below)

Dear AEG Members:

Meeting, meal and location details and directions are found inside this Newsletter, as well as other news potentially of interest to you.

RSVP Please: by close of business 7-Dec-06

Send e-Mail RSVP to Rick Gundry at rick.gundry@verizon.net, by COB 7-Dec-06, or call RSVP message at (951) 924-6756.

This Month's Speaker :

Stephen Testa, Executive Officer
California State Mining and Geology Board,
Sacramento, California

Subject

"Does local lead agency control really work (in respect to SMARA, Alquist-Priolo, Seismic Hazards Mapping, etc.)"

Biographical Sketch

Stephen Testa is the Executive Officer of the California State Mining and Geology Board. For over 25 years, Testa has worked as a consultant for a variety of firms. He worked as an engineering geologist for Frankian and Associates, and upon graduation in the summer of 1978, he moved to the International firm Bechtel and performed geologic studies in the North Cascades, Washington, and throughout the states of Georgia, Arizona and California, and in Spain. Most of this work was associated with the suitability of such areas for the construction of nuclear power plants. He would later work for several leading consulting firms such as Converse Consultants, Ecology and Environment, Dames and Moore, and Engineering Enterprises as an engineering geologist working on hydroelectric power plants in southeast Alaska, fault studies in California, and the underground metro rail system for the City of Los Angeles.

By 1985, Stephen became involved in geologic studies and investigations with an environmental focus, being involved in the early phases of the Superfund program, and on the leading edge in aquifer restoration, LNAPL and DNAPL recovery, and soil recycling and reuse technologies. Testa's clients have included many of the major petroleum, mining, large industry, municipalities, irrigation districts, and waste management companies and interests.

By 1990, Stephen was President and Chief Executive Officer for an international consulting firm, which he would take public in 1993. Applied Environmental Services became internationally recognized, providing strong and innovative expertise in soil and groundwater restoration, and recycling and reuse technologies.

Internationally, Testa successfully pursued and became involved in lahar mitigation efforts associated with the Mt. Pinatubo eruption, mitigation of metals-contaminated soil in Eastern Europe and groundwater resource development in Yemen. During this period he would write three leading-edge books focusing on the application of geological principles to environmentally stressed land: *Restoration of Contaminated Aquifers: Petroleum Hydrocarbons and Organic Compounds*, *Geological Aspects of Hazardous Waste Management* and *The Reuse and Recycling of Contaminated Soils*.

Testa is the Past-President of the American Geological Institute (AGI) and the American Institute

of Professional Geologists (AIPG). The author of 11 books and over 125 publications, he has served as an instructor at USC and CSU Fullerton, and is past Editor-in-Chief of AAPG-DEG's peer review journal *Environmental Geosciences*, and the recipient of the AIPG's Martin Van Couvering Award, and AAPG-DEG's Research Award. He received his BS and MS degree in Geology at California State University at Northridge.

Message from the President

Education outreach: The Chapter provided over \$1,500 in donations at the November meeting to students and schools (see Secretary's Report below) satisfying Chapter/ National AEG goals. The Chapter also covered the meeting costs for 13 students and two faculty advisors.

Thanks to the 19 Professionals and 13 Students attending the November 15, 2006 meeting in Rancho Cucamonga, as follows:

Tiana Rasmussen (Speaker); Dr. Sally McGill (CSU-San Bernardino); Shelby Harrell; Amanda Lopez; Kenny Lauler; George Daley; Mandy Selders; Catherine Tran; Holly Hanke; Vanessa Fava; Linda Margullis; Dr. Jeffrey Marshall (CSUPomona); Allison Ruotolo; Robert Ellis; Diana Boyer; David Mrofka; Doug Cook; Mike Cook; Rick Gundry; Dave Gaddie; Jeff Keaton; Mike Luksic; Joe Montgomery; Janis Henandez; Kevin Mass; Zack freeman; Charles Nestle; David Jones; Gary Rasmussen; Mark Spykerman; Gary Wallace; and Bryon Lo;

Secretary's report

A short officer's board meeting was held immediately before the November meeting with the board deciding to add a 3rd Brunton Compass to donate to CSUSB.

At the regular meeting Rick presented educational assistance awards (\$250.00 each) to David Mrofka and Diana Boyer (UCR), Robert Ellis and Allison Ruotolo (Cal Poly, Pomona) and also presented two Brunton compasses (a 3rd on the way) to Dr. Sally McGill for use by the students at Cal State San Bernardino. The 4 student recipients presented a short overview of their current projects. Congratulations to all the recipients for their outstanding scholastic achievements.

Jeff Keaton presented a short review of the upcoming AEG anniversary meeting scheduled for next year in Los Angeles. Charles Nestle presented two awards from the AEG Southern California Section to Gary Wallace (for his leadership as chapter president this past year) and to Rick Gundry (for his hard work and countless hours spent in trying to get our chapter organized and running smoothly). Our congratulations to both of them.

Tiana Rasmussen presented the night's program, a very interesting overview of the capabilities of the refraction microtremor technique for determining the seismic velocities of the subsurface strata. The program was well received by a sizable crowd including many students from the local area Universities.

Also, Chapter Past President Gary Wallace presented certificates of appreciation to Mike Cook (past Secretary) and to Past Section Chairman Charles Nestle for their hard work and support this past year..

Awards Presentation

- Education Outreach

Award of \$250.00 financial assistance (2006 GSA National Meeting, Philadelphia, PA) to:
 - David Mrofka, graduate student, Department of Earth Sciences, University of California, Riverside

Award of \$250.00 financial assistance (2006 GSA National Meeting, Philadelphia, PA) to:
 - Diana Boyer, graduate student, Department of Earth Sciences, University of California, Riverside

Award of 3 Com-Pro Pocket Transits (The Brunton Company) to:
 - Dr. Sally McGill as faculty advisor on behalf of the Department of Geology, California State University, San Bernardino.

Award of \$250.00 financial assistance (2007 GSA Cordilleran Section Meeting, Bellavue, WA) to:
 - Allison Ruotolo, California State Polytechnic University, Pomona

Award of \$250.00 financial assistance (2007 GSA Cordilleran Section Meeting, Bellavue, WA) to:
 - Robert Ellis, California State Polytechnic University, Pomona

- Certificates of Appreciation (service in 2006)

Scott Mathis, Vice President South (Sept mtng)
 Doug Cook, Vice President North (Sept mtng)
 Rick Gundry, Treasurer editor/courses (Sept mtng)
 Dr. Kerry Cato, Webmaster (Sept mtng)
 Mark Spykerman, Field trip Planner.Ldr (Sept mtng)
 Richard Orr, Membership (Sept mtng)
 Gary Wallace, Chapter President (this mtng)
 Rick Gundry, beyond call of duty (this meeting)
 Mike Cook, Secretary (this mtng)
 Charles Nestle, Section Chairman, support (this mtng)

December Meeting Details & Location

Location. The meeting site is located in the City of Corona, adjacent and to the north of US Hwy 91, Lincoln Avenue Offramp.

Cask *N Cleaver Steakhouse
 100 N. Lincoln Avenue
 Corona, CA 92882
 (951) 735-8550

Directions to Meeting. Traveling on 91 in Corona, EXIT at Lincoln Avenue. If traveling towards Riverside, Turn right (North) and cross over freeway to immediately turn left to Restaurant. If traveling toward Orange County, Turn Right into Restaurant Parking. From I-15, take 91 West to Lincoln Avenue offramp.

Meal Venue (Menu). Select at meeting from the following 4 choices (see Entrees below):

Double-Breast Teriyaki Chicken	\$ 26.00
Fresh Char-broiled Salmon	32.00
w/ basil vinaigrette	
Slow-Roasted Prime Rib	33.00
New York Strip Steak	36.00
(w/ Mesquite pepper rub, extra)	

Entrees include*:

Coffee, Tea, Soda drinks
 Bread and butter
 Caesar Salad
 Garlic Mashed potatoes or skillet rice
 Fresh vegetables in season

*Special Desert: included by AEG

*No Host Bar: Drinks, /etc., additional cost

Future Meetings

JAN NO MEETING see Field Trip information

FEB Wednesday February 21, 2006, Temecula

- ■ ■ The search for Paleotsunami deposits in southern Thailand •

Dr. Brady Rhodes, Department of Geology,
California State University, Fullerton

50th Annual Meeting AEG 24-28 Sept. 2007, Los Angeles, California

Special Anniversary Meeting in Southern California

- AEG founded in Southern California ●

Field Trip Saturday Jan. 20, 2007 Palm Springs

- ■ Spring Geology of the Indian Canyons and Agua Caliente Hot Springs, Riverside County, CA •

Alexander Schreiner, Earth Systems,
Southwest, Bermuda Dunes, CA
Seek information in separate message

Continuing Education Ongoing Short Course

- An Introduction to Landslides or Mass Wasting •

An Online course

AIPG Accredited (3.5 CEUs)

rgfont@geosciencedm.com,

slbishop@geosciencedm.com

www.geodm.com Robert Font, Ph.D.



Inland Empire Chapter Officers and Section/National Contact Information

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Mike Cook	VicePresident North	Mcook@kleinfelder.com	(909) 557-1463
Doug Cook	Chapter Treasurer	DCook@Sladdenengineering.com	(760) 962-1868
Dave Gaddie	Chapter Secretary	Dgaddie@rctlma.org	

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<http://www.aegsc.org/chapters/inlandempire>

AEG Southern California Section Web-site <http://www.aegsc.org/> Association of Environmental and Engineering Geologists (Headquarters) <http://www.aegweb.org>

Connecting . . .

Professionals

Practice,

And the Public

Other Future Meetings

25-28 Feb 2007

■109th Western Mining Conference and 2007
SME Annual Meeting and Exhibit•
Society of Mining, Metallurgy and Exploration
www.smenet.org/meetings/annualMeeting2007

Mar 27-30

■EarthScope 2007 National Meeting•
Portola Plaza, Monterey, CA, by the
EarthScope. (EarthScope, 1200 New York
Ave, NW, Suite 700, Phone: 202-682-0633
FAX: 202-464-1161 Email: [earthscope-
info@earthscope.org](mailto:earthscope-info@earthscope.org) Web:
<http://www.earthscope.org>)

1-4 April 2007

■Understanding Earth Systems - Pursuing the
Checkered Flag•
AAPG Annual Meeting and Convention
American Association of Petroleum Geologists,
Pacific Section Association of Petroleum
Geologists and SEPM (Society of Economic
Paleontologists and Mineralogists, Society for
Sedimentary Geology)
Long Beach, CA www.aapg.org/longbeach

1-5 April 2007

■20th Anniversary Symposium on the
Application of Geophysics to Environmental
and Engineering Problems•
[Denver, CO www.eegs.org/sageep](http://www.eegs.org/sageep)

4-6 May 2007

■GSA Cordilleran Section 103rd Annual
Meeting•
Bellingham, WA (360) 650-6573
bernieh@cc.wvu.edu

7-9 May 2007

■GSA Rocky Mountain Section 59th Annual
Meeting•
Saint George, UT (435) 652-7758
dinogami@gmail.com, colberg@suu.edu

27-28 May 2007

■2007 EarthScope 2007 National Meeting•
Monterey, CA (202) 682-0633

10-13 Jun 2007

■Rapid Excavation and Tunneling Conference•
(RETC)
Toronto, Canada www.retc.org

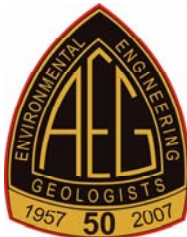
3-8 June 2007

First North American Landslide Conference
■Landslides and Society: Integrated Science,
Engineering, Management, and Mitigation•
Vail, Colorado, Keith Turner,
Kturner@mines.edu

18-21 June 2007
2007 SIPES 44th Annual Meeting
Society of Independent Professional
Geologists
Monterey, CA
Diane Finstrom sipes@sipes.org

18-22 Jun 2007
■Alluvial Fans•
Banff, Alberta, Canada
Phillip Giles alluvialfans2007@smu.ca
<http://husky1.smu.ca/~pqiles/AF2007/AlluvialFans2007.htm>

24-29 Sep 2007
■50th Anniversary Annual Meeting and National
Convention• *Special Anniversary*
Association of Environmental and Engineering
Geologists
Los Angeles, CA
Jeff Keaton JRKeaton@Mactec.com



7-11 Oct 2007
AIPG 44th Annual Meeting
■Geology: The Foundation for the
Environment and Resources•
Traverse City, Michigan
Adam Heft (517) 887-1100

New Peaks in Geotechnics
February 18-21, 2007 Denver, CO

GeoInstitute
(See above,

(ASCE)
right)



Geo-Denver
2007

For more information see:

<http://content.asce.org/conferences/geodenv/er07/welcome.html> or
[Http://www.geoinstitute.org/](http://www.geoinstitute.org/)

2008



Earth Sciences for
Society -
an International
Year of Planet Earth
Organized under the auspices of IUGS

The International Union of Geological Sciences (IUGS) represents about 250,000 Earth scientists in 117 countries. To learn or find out more information of this future program, please refer to the following web-sites:

<http://www.esfs.org/index.htm>
<http://www.iugs.org/>



OROS Sponsors (Financial donors)

AEG Inland Empire Chapter is seeking Sponsors for financial assistance to support and build on existing foundations for education and outreach, scholarship assistance, and special events. We are seeking donors to expand and reach even further above the base or plane of generous Petras Sponsors for mounting a more aggressive and purposeful contribution to society, students, and educators. Currently, we already have two OROS Sponsors, as follows:

SILVER OROS SPONSOR

(\$250, or more) please see next page

Kelly Robertson, GREGG Drilling & Testing, Inc., Signal Hill, California

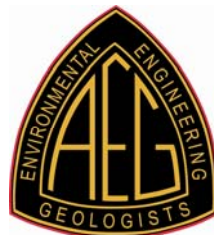
Titanium OROS Sponsor (\$100 or more)

Richard R. Gundry, Inland Geologic, Moreno Valley, California

***Oros* is a latin term like *oro* for rise or rear, as a mountain, as if lifting itself above the plain, or hill or a mount. Partly rooted in the term *adar* to expand honorably, as in great, glorious and magnificent . This is to build upon and maintain the foundation provided by Petras Sponsorship already dedicated to this effort. (See web-Page regarding Petras Sponsorship.)**

We are seeking funds in amounts of \$10, \$25, \$50 or more for OROS Sponsor. \$10 OROS Sponsor; \$25 Bronze OROS Sponsor; \$50 Steel OROS Sponsor; \$100 Titanium OROS Sponsor, \$250 Silver OROS Sponsor, \$500 Gold OROS Sponsor, and \$1,000 Platinum OROS Sponsor. Sponsors at the Titanium or above level will have free advertising in monthly Newsletters (must submit Logo, and company name with contact information).

Please help us in this endeavor as we are a relatively new Chapter in a new-chartered area, and in an area where outreach to the public, students, and educators has been direly needed in the past. If you have any questions, please contact me. To remit a donation send a check payable to "AEG Inland Empire Chapter" at the address as indicated in the above letterhead.





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