



Association of Environmental and Engineering Geologists
California Central Coast Chapter, Southern California Section

www.aegsc.org/chapters/centralcoast

Robert J. Urban, President
William "Bill" Tracy, Vice President

Vacant, Treasurer
Vacant, Secretary

JULY 2006 MEETING NOTICE

**GEOTECHNICS, GEOMORPHOLOGY, AND
GEOLOGY OF RECENT EARTHQUAKES**

by

Dr. Robb Moss, P.E.

**Department of Civil and Environmental Engineering
California Polytechnic State University**

Wednesday, July 26, 2006

Rusty's Pizza, Goleta

(RSVP/Directions below)

6:00 pm- 7:00 pm Social Hour
7:00 pm – 8:00 pm Chapter Meeting

The July meeting is sponsored by:



Speaker:

Dr. Robb Eric S. Moss, PhD., P.E.

Speakers' Brief Biography:

Robb is currently an assistant professor at CalPoly San Luis Obispo. Areas of expertise include geotechnical earthquake engineering, engineering seismology, and risk and reliability with respect to earthquake engineering. Robb earned a Ph.D. from UC Berkeley with his research into probabilistic liquefaction triggering. He's been a member of five earthquake reconnaissance teams traveling to Alaska,

Turkey, Mexico, and around California.

Robb has four years of consulting experience involving seismic geotechnics for onshore and offshore projects around the world. His consulting work focuses on probabilistic seismic hazard analysis, liquefaction engineering, and earthquake engineering hazard studies.

He currently has funded research into liquefaction of geologically older deposits, variance analysis of strong ground motion attenuation relationships, probabilistic tsunami modeling, liquefaction testing in China, and seismic resistance and probability of failure of levees and levee

systems.

He is a registered professional engineer in the state of California and is a professional member of SSA, EERI, and ASCE. Robb is a member of Tau Beta Pi, Chi Epsilon, and Phi Kappa Phi honor societies, and was

recently awarded the Middlebrooks Award with fellow co-authors for the ASCE JGGE paper "SPT-Based Probabilistic and Deterministic Assessment of Seismic Soil Liquefaction Potential."

Abstract

Geotechnics, Geomorphology, and Geology of Recent Earthquakes

Dr. Robb Eric S. Moss, P.E.

This talk will be discussing the links between earthquake geotechnics, geomorphology, and geology and how this translates to improved earthquake hazard mitigation. I have had the opportunity to be on several earthquake reconnaissance teams in the last few years and would like to share the knowledge gained from these investigations. Recent earthquakes in Turkey, India, California, Iran, Mexico, and Alaska will be discussed.

Chapter President Message

Greetings CA Central Coast Chapter:

I hope all of you are enjoying your summer. We have interesting presentations planned over the next three months including Dr. Robb Moss, who is speaking this month about his experiences on various earthquake reconnaissance teams.

The new Association of Environmental & Engineering Geologists (AEG) website is up and running. Check out the new website at:

<http://aegweb.org/i4a/pages/index.cfm?pageid=1>

Please note that the election for new officers this September is approaching. If you are interested in becoming a Chapter officer, please contact me. We have current openings for Secretary and Treasurer and will be looking to fill all of the Chapter officer positions this September.

I am keeping this message short this month. I have to get back to packing for fault investigation in eastern California. Unfortunately, this means that I won't be seeing you at the upcoming meeting. However, the other Chapter officers will be there to see to a great meeting.

*Best of regards,
Robert J. Urban
Chapter President
AEG CA Central Coast Chapter*

Announcements

Please email announcements to lavapoet@verizon.net, thank you.

SUMMER 2006 REVIEW COURSES for the ASBOG GEOLOGY LICENSING EXAM

The Association of Engineering Geologists is pleased to announce the Summer 2006 series of review courses for the ASBOG geology licensing exam taught by REG Review, Inc.

AEG and REG Review, Inc. have partnered to provide these courses since 1992. In the Summer of 2006, review courses will be offered in Madison, WI, St Louis, MO, Denver, CO, Pittsburgh, PA, Raleigh, NC, Manchester, NH, Seattle, WA, and 2 locations in California (Corona and Oakland). We have also reinstated the CEG and CHG courses in California and these are to be held in Santa Ana, CA.

Summer 2006 course dates and locations are as follows:

LOCATIONS - Summer 2006
Central US ASBOG Courses - (2006NCUS-2, 2006CUS-1, 2006CWUS-2)

2006NCUS-2 Madison, WI
Best Western East Towne Suites
4801 Anamark Drive, Madison WI 53704
608-244-2020
DATE - July 7, 2006, 8am - 4pm

2006CUS-1 St Louis, MO
St Louis Airport Hotel
10232 Natural Bridge Road, St Louis MO
63134
314-427-5955
DATE - July 8, 2006, 8am - 4pm

2006CWUS-2 Denver, CO
Comfort Suites - DIA
6210 Tower Road, Denver CO 80249
303-371-8173
DATE - July 9, 2006, 8am - 4pm

Eastern US ASBOG Courses - (2006NEUS-1,
2006NEUS-2, 2006CEUS-2)

2006NEUS-1 Pittsburgh, PA
Best Western Parkway Center Inn
875 Greentree Road, Pittsburgh PA 15220
412-922-7070
DATE - July 13, 2006, 8am - 4pm

2006CEUS-2 Raleigh, NC
Best Western Cary Inn
1722 Walnut Street, Cary NC 27511
919-481-1200
DATE - July 14, 2006, 8am - 4pm

2006NEUS-2 Manchester, NH
The Derryfield School
2108 River Road, Manchester NH 03104
603-472-3050
DATE - July 15, 2006, 8am - 4pm

West Coast ASBOG Courses (2006SC-3,
2006NC-3, 2006PNW-2)

2006PNW-2 Seattle, WA
Best Western Airport Executel
20717 International Boulevard, Seattle WA
98198
206-878-3300
DATE - July 27, 2006, 8am - 4pm

2006NC-3 Oakland CA
Samuel Merritt College - Health Education
Center
400 Hawthorne Avenue, Oakland, CA 94609
510-869-6161

DATE - July 28, 2006, 8am - 4pm

2006SC-3 Southern CA
Best Western Kings Inn
1084 Pomona Road, Corona CA 92882
951-734-4241
DATE - July 29, 2006, 8am - 4pm

Reinstated Hydrogeology (CHG) and Engineering Geology (CEG) Certification Exam Courses

2006CEG-1 Santa Ana CA
Best Western Orange County Airport North
2700 Hotel Terrace, Santa Ana, CA 92705
714-432-8888
DATE - July 30, 2006, 8am - 12 noon

2006CHG-1 Santa Ana CA
Best Western Orange County Airport North
2700 Hotel Terrace, Santa Ana, CA 92705
714-432-8888

DATE - July 30, 2006, 1pm - 5pm
California Courses are \$450 for AEG members,
\$465 for nonmembers.
ASBOG Courses are \$400 for AEG members,
\$415 for nonmembers.
Preregistration deadline for the Winter 2006
courses is December 15, 2005 for California
courses and December 22, 2005 for all other
courses.

REG Review, Inc. has been teaching these
courses in California since 1985. In March 2000,
we began to direct our teaching towards the
ASBOG geology licensing exam. The pass rate
for students in classes since converting to the
ASBOG course has ranged from 85 to 99%. The
courses are taught by Patti Sutch, California RG
3949, CEG1641, and CHG 25, and Lisa Dirth,
California RG 3951, CEG 1240, and North
Carolina RG by ASBOG exam.
Current information on study manuals, flash
cards, and courses may be found online on REG
REVIEW, Inc's website at <http://regreview.com/>

To contact REG REVIEW Inc.:
e-mail - regreview@aol.com,
mailing address - 37 Rosewell Road, Bedford,
NH 03110,
telephone - East Coast call Lisa Dirth at 603-
472-3050, (fax) 603-471-1969.
West Coast (evenings) Patti Sutch at 916-456-
4870.

The Inaugural at Industry Hills August 4, 2006

The Inaugural at Industry Hills

is the 1st annual golf tournament of the AEG-Southern California Section. This year's event is dedicated to the ***Martin L. Stout Fund*** and proceeds will be donated to the AEG Foundation to endow this important charity. Dr. Martin L. Stout was Professor of Geology at California State University, Los Angeles from 1960 to 1990, and the ***Martin L. Stout Fund*** was established in 1994 by AEG's Southern California Section. The fund was transferred to the AEG Foundation, a 501 (c) 3 tax-exempt charitable and scientific organization, in 2004. The AEG Foundation is dedicated to advancing research, education, and public awareness in engineering geology, including environmental geology and hydrogeology, through publications, speakers, conferences, research grants, and scholarships.



The Inaugural at Industry Hills will be a four-person modified scramble, and prizes will be awarded to the 1st, 2nd, and 3rd place low net teams, longest drive, closest to the pin, and more. Individuals and teams are welcome! An awards ceremony will be held at the banquet immediately following play.

REGISTRATION IS EASY AND YOU CAN PAY BY CREDIT CARD ONLINE.

GO TO

[HTTP://WWW.AEG.GOLFREG.COM](http://www.aeg.golfreg.com)
AND REGISTER TODAY!

Please see the ad the end of this newsletter

for more information.

AEG CA Central Coast Chapter Dr. John W. Williams Scholarship

The CA Central Coast Chapter is currently seeking donations for the Dr. John W. Williams Scholarship fund. This scholarship is awarded to deserving students pursuing education and careers in fields directly applicable to environmental and engineering geology. This scholarship provides awareness of the contributions Dr. Williams to the profession of engineering geology and awareness of AEG in the development of our profession.

To make a donation to the Dr. John W. Williams Scholarship fund, please contact Robert Urban at robert_urban@urscorp.com. All scholarship donors will be recognized on our Chapter's newsletter and website.

Last Month's Meeting

Cancelled.

Chapter Sponsors

URS

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130 Robin Hill Road, Suite 100
Santa Barbara, CA 93117
805.964.6010



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805.569.9670



STL Los Angeles

1721 South Grand Avenue
Santa Ana, CA 92705
Phone: 714-258-8610
Fax: 714-258-0921
ATTN: Wendy Pierce



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4213 State Street, Suite 100
Santa Barbara, CA 93110
Phone: 805.681.3100
FAX: 805.681.3108

The Association of Environmental & Engineering Geologists CA Central Coast Chapter is currently seeking monthly meeting sponsorship. Benefits of becoming a monthly meeting sponsor include: 1) sponsor's name or logo placed on our Chapter website indicating the month of sponsorship, 2) listing as a Corporate Sponsor in our monthly newsletter, and 3) recognition at the monthly meeting. Our Chapter is asking for a donation of \$150 for becoming a monthly meeting sponsor . . . a

small price for the recognition that you contribute to the professional society that best embodies our professional practice.

Directions to Meeting

Monthly Meetings

Monthly meetings will take place on the last Wednesday of every month at Rusty's Pizza in Goleta. Social hour begins at 6 pm; the meeting begins at 7pm.

For more information or to be added to the CA Central Coast Chapter email list, please contact Robert Urban via email at robert_urban@urscorp.com.

Location:

Rusty's Pizza, 270 Storke Road, Goleta (Santa Barbara)

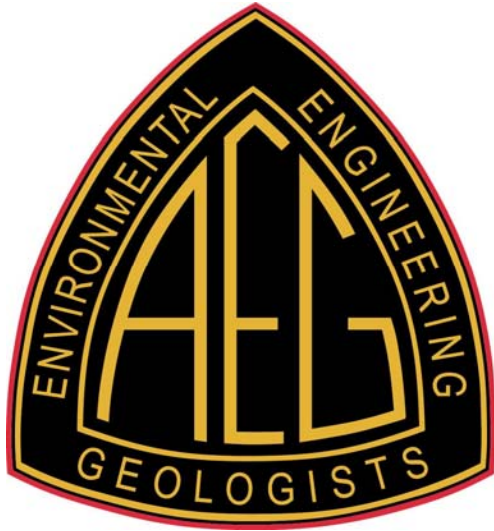
Directions:

1. Driving Northbound or Southbound on Highway 101;
2. Exit on Storke Road;
3. Turn Left (if you were traveling northbound), Right (if you were traveling southbound);
4. Turn Left at the first stoplight past Hollister Road;
5. Rusty's is on the left.

Donation/Cost:

AEG members = \$15; non-AEG members = \$20; Students = \$5

Please: If you plan on attending the meeting, please email lavapoet@verizon.net a confirmation of your attendance by the Tuesday preceding the meeting date. This greatly helps in ordering the food for attendees. However, if you forget to email, please still do attend the meeting. Thank you.



JOB POSTINGS

If you would like to place a job announcement, please email the listing to lavapoet@verizon.net, thank you!



Lawson & Associates
Geotechnical Consulting, Inc.
Lawson & Associates Geotechnical
Consulting, Inc.
2045 Royal Avenue, Ste. 125
Simi Valley, CA 93065
Tele: (805) 579-3434 Fax: (805) 579-3435
Email: kesmond@lgcgeo.com
Website: www.lgcgeo.com

LGC is looking for dynamic individuals to join our team and work on some of Orange, Los Angeles, Ventura, San Bernardino, Santa Barbara and Kern Counties' most interesting and technically challenging projects. If you are an experienced geotechnical professional, or just starting your career, please do not hesitate to contact us. All inquiries will be considered in the utmost confidence. We look forward to hearing from you.

Lawson and Associates looking for Project Engineer

Work under the supervision of registered geotechnical engineer to perform field geotechnical investigations, analysis and design of shallow & deep foundation, seismic hazard assessments, liquefaction analysis,

and static and pseudo-static slope stability analysis; prepare geotechnical reports; participate in inspecting existing engineering projects and formulating recommendation on project design improvements; present the engineering aspect of the project to clients and interact with clients on the technical parts of the projects.

Requirement: MS degree in Civil Engineering with specialization in Geotechnical Engineering.

Send resumes to 2045 Royal Avenue, Suite 125, Simi Valley, CA 93065



URS Corporation is seeking top students graduating this spring for career positions at our Santa Barbara and Santa Maria offices. For further information, please contact Mr. David Bernal, PG by email at:

David.Bernal@urscorp.com

URS Corporation
130 Robin Hill Road, Suite 100
Santa Barbara, CA 93117
805.964.6010

COUNTY OF SANTA BARBARA

The Santa Barbara County Planning and Development Department is currently seeking a full-time engineering geologist to supervise and perform engineering geology work and to review plans for conformance with county ordinances dealing with soil and earth stability.

Registration as a professional engineering geologist in the State of California and a valid California Class C driver's license are required.

The salary range is \$69,139-\$84,406 approximately per year. The County also offers a generous benefits package that includes a \$4946/year benefit allowance.

With a mild climate and spectacular setting that includes scenic coastline, beautiful valleys, and rugged mountain peaks, Santa Barbara County is one of the most desirable places in the world to live and work.

To learn more about the position and to apply on line, visit www.sbcountyjobs.com, or call (805) 568-2800. This position is open until filled.

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of the action. . .**



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**AEG CA Central Coast Chapter
Contact Information**

Chapter President

Robert Urban
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130 Robin Hill Lane, Suite 100
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Phone: 805.964.6010
robert_urban@urscorp.com

Chapter Vice President

Bill Tracy
County of Santa Barbara
4415 Cathedral Oaks Blvd.
Santa Barbara, CA

Chapter Treasurer

VACANT

Chapter Secretary

VACANT

Chapter Student Liaison

Garret Bean, Graduate Student
Department of Geological Sciences
University of California at Santa Barbara
gbean@umail.ucsb.edu

EUC

Eberhart / United Consultants, a southern California geotechnical consulting firm serving its clients for over 25 years, has the following career opportunities:

PROJECT GEOLOGIST: position requires BS with 3 years experience in public/civil works, commercial and residential projects. Duties include field mapping, subsurface exploration, office analysis, proposal and report preparation, and project management.

SENIOR ENGINEERING GEOLOGIST: position requires CEG registration and 8 years experience in public/civil works, commercial and residential projects. Duties include managing/performing geologic investigations, field mapping, subsurface exploration, office analysis, proposal and report preparation, and project management.

We offer a competitive compensation & benefits package for qualified candidates. For immediate consideration, mail, FAX, or email your resume & salary history to:

Eberhart / United Consultants
1031 Segovia Circle
Placentia, CA 92870
FAX (714) 632-0955
dre@euc-inc.com

The AEG - Southern California Section Cordially Invites You To

The Inaugural at Industry Hills



A GOLF TOURNAMENT TO BENEFIT

The Martin L. Stout Fund of the AEG Foundation



Friday, August 4th, 2006

(Shotgun Start Time: 1:30 p.m.)

(Check in Time: 12:45 p.m.)

at

Industry Hills Golf Club "Babe" Zaharias

One Industry Hills Parkway
City of Industry, CA 91744
www.thgolfclub.com

Entry Fee

\$175.00 per person
Includes green fee, cart, range balls,
dinner (6:00 p.m.) and
awards.

\$50.00 per person for dinner only

Prizes/Awards

Closest to the Pin - Male & Female
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Low Gross (Scramble) Teams
1st, 2nd & 3rd Place

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rmunro@mactec.com

or

Visit www.aeg.golfreg.com

PLAYERS

Three ways to sign up today!

1. Online at www.aeg.golfreg.com
2. Detach and mail in the Entry Form
3. Contact Peter Thams at 805.844.7976 ext 420

DEADLINE TO REGISTER: JULY 21, 2006

Registration Form

(detach and submit with your payment)

Mail to: Peter Thams c/o West Coast Environmental, 1838 Eastman Avenue, Ventura, CA 91360

Enclosed is my payment for: ___ player(s) at \$175 each \$ _____ Total Amount

Name: _____

Firm: _____

Mailing Address: _____

Telephone Number: _____ E-mail: _____

Tsunami Workshop

The National Weather Service in San Diego is sponsoring a **Tsunami Workshop**, Saturday, July 29, 2006. Speakers will include: Dr. Mark Legg of Legg Geophysical and representatives from: State Office of Emergency Services, San Diego County Office of Emergency Services, National Weather Service. Topics include discussion of the threat of tsunamis in southern California and tsunami preparedness and response activities. Please see flier below.



SAVE THE DATE!



The National Weather Service in San Diego is sponsoring a

Tsunami Workshop

Open to the Public

Date: Saturday, July 29, 2006
Time: 9:30 a.m. to 12:30 p.m.
Location: Town and Country Convention Center
Mission Valley, San Diego

Speakers will include: Dr. Mark Legg of Legg Geophysical and representatives from: State Office of Emergency Services, San Diego County Office of Emergency Services, National Weather Service

Topics include discussion of the threat of Tsunamis in southern California and Tsunami preparedness and response activities.

Space is limited so RSVP early to Edwin.Clark@noaa.gov

The workshop is free but there is a \$5.00 per vehicle fee for validated parking.