



**ASSOCIATION OF ENVIRONMENTAL &  
ENGINEERING GEOLOGISTS**  
SOUTHERN CALIFORNIA SECTION, SAN DIEGO CHAPTER  
"Serving Professionals in Engineering, Environmental and  
Ground-Water Geology"

**SAN DIEGO CHAPTER, MARCH 2007 NEWSLETTER**

**MARCH MEETING NOTICE: TUESDAY, MARCH 13, 2007.** Social Period starts at 5:30 PM, discussion at 6:00 pm. The meeting will be in the Ninyo & Moore Conference Room, 5710 Ruffin Road, San Diego, CA. Please contact Lesley Barnes at Tetra Tech (lesley.barnes@ttemi.com) to RSVP. Dinner is buffet-style. Cost is \$20.

We will be having a general meeting and receiving reports from committees. We will also like to solicit a discussion from the membership regarding technical and political issues that affect the industry.

**CHAPTER PRESIDENTS COMMENTS – Steve Bradley, CEG**

Since I'm sure you **All** read the Section Chairpersons Column, I'll keep mine short and simple. Read the Southern California Section Newsletter for the latest information on what's happening on the State and National level. Due to Dave Blooms efforts we had a great turnout for the joint SDAGE/AEG meeting last month and saw some cool photos of granite boulders provided by Dr. Peterson. (...so if a spherical boulder cracks in half on a mountain and nobody is around to hear it, does it make a sound?). We have several good talks lining up for the rest of the year, which will include another joint meeting with the SDAG when Werner Landry will give us an update on the Guidelines for fault studies in San Diego. The meeting is tentatively scheduled for June. Other talks will include large diameter boring techniques and lessons learned from the local geo-technical investigations, Caltrans will provide a discussion on the I15 corridor work, updates on Storm Water permitting in the County and also what's happening with CCDC and downtown development. We continuing to look for interesting and, most importantly, useful talks related to our business, so don't hesitate to contact me if you some ideas.

**NEWS AND NOTES FROM THE FIELD:**

- The 21 Annual SDSU Geology Alumni Trip (Geology of he Providence Mts.) is planned for April 21 and 22 in the Mojave National Preserve. More information will appear as the time gets closer. Contact Joe Corones for information, Day 858/492-5034 or Evening 858/484-3582.
- The upcoming GeoCongress 2008, which is the annual ASCE Geo Institute Congress is looking for you. Their meeting will be in New Orleans from March 9 to March 12, 2008. A call for papers will end on March 30, 2007. Conference themes include Sustainability, Geo-Hazard Mitigation, Waste Management and Site Assessment and Remediation. For more information; [asce geoconference](http://ascegeoconference) or Milind V. Khire, Ph.D. [khire@egr.msu.edu](mailto:khire@egr.msu.edu)



AEG SAN DIEGO CHAPTER, AUGUST 2006 NEWSLETTER  
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- San Diego State University Department of Geological Sciences has a nifty monthly update thingy. Check it out. [http://www.geology.sdsu.edu/geonews/02\\_2007.htm](http://www.geology.sdsu.edu/geonews/02_2007.htm)
- Have you ever wondered "Whatever happened to\*\*\*?" or "I've heard of\*\*\*, who is he?"

The undersigned have decided to try to prepare an internet publication with the above title, which will include biographies of engineering geologists in southern California. We would like you to share your biography (autobiography) with other EGs. If you have worked on an interesting project, others would like to know about it.

If we limit each autobiography to 3 pages of text, plus photos, this publication would be more than 1,000 pages long. Therefore, we plan to utilize a proposed new AEG Foundation internet website, where there is no limit to total pages, and we can use color photos. Also, this new website will be available for no-charge access, worldwide, thus spreading the word on the history and evolution of engineering geology, and southern California's immense contribution.

We suggest (not require) three criteria for inclusion: 1. That you are a CA licensed CEG; 2. That you are now or once were a member of AEG; 3. That you have enough years of professional experience to relate one or more significant projects you have worked on. We believe there are more than 250 such EGs in southern California. This will be an evolving internet site where new autobiographies can be added.

We will also include Memorial biographies of past notable geologists in southern California. So far, we have identified 30, including John Buwalda, Ian Campbell, Tom Dibblee, Rollin Eckis, Perry Ehlig, Richard Jahns, John Mann, F.L. Ransome, Charles Richter, Dottie & Marty Stout, Gene Waggoner. We will give a presentation on many of these notable geologists at AEG's 50th Anniversary Annual Meeting in September in Los Angeles.

Here is a CHECKLIST FOR YOUR AUTOBIOGRAPHY:

Complete NAME, address, phone, email; BIRTH DATE and place;  
UNIVERSITY(s) attended, major(s), degree(s), year(s); MILITARY service;  
FIRMS/AGENCIES you worked for; up to 3 significant PROJECTS you worked on;  
possibly relate a serious or humorous INCIDENT; a MENTOR you may wish to acknowledge; professional SOCIETIES, HONORS, AWARDS; HOBBIES; up to 5 PUBLICATIONS; PHOTOS of yourself and of projects (scanned images preferred).

So, if you wish to be included in this new internet publication, prepare your autobiography and email it with photos to: [allen@hatheway.net](mailto:allen@hatheway.net) and in the Subject box, type: So. Cal. Geologist. Or mail it to Allen Hatheway, 10256 Stoltz Dr., Rolla, MO 65401. Please, no more than 3 pages of text, single-spaced, Times New Roman, 12 pt.

Richard Proctor, Allen Hatheway, David Rogers, Larry Cann and Bob Lynn



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- The early registration deadline for the 1<sup>st</sup> North American Landslide Conference ends March 15. After that time, you will have to pay \$845 instead of \$745. If you have not already done so, be sure to register early and save money!
- Please scroll to the end of this document for bonus coverage!

If you are not receiving a newsletter, please contact Lee Vanderhurst at [lvanderhurst@geotechnicsinc.com](mailto:lvanderhurst@geotechnicsinc.com). We receive at least 5 "pings" a month indicating a change of address or bad address information.

#### **UPCOMING SAN DIEGO AEG MEETINGS:**

We are always in need of interesting talks in the environmental and engineering geology arenas. Please send your ideas in to <mailto:stevebradley@ttemi.com>.

#### **MISSION STATEMENT**

The San Diego Chapter of the AEG subscribes to the national AEG's mission statement. The Association of Environmental & Engineering Geologists (AEG) contributes to its members' professional success and the public welfare by providing leadership, advocacy, and applied research in environmental and engineering geology.

#### **AEG AND USEFUL LOCAL LINKS**

- Southern California Section AEG: <http://www.aegsc.org/>
- National AEG: <http://www.aegweb.org/>
- San Diego Association of Geologists <http://www.sandiegogeologists.org>
- American Society of Civil Engineers, San Diego Geotechnical Group [http://www.asce-sd.org/groups\\_geotech.asp](http://www.asce-sd.org/groups_geotech.asp)
- San Diego State University, Geology Department <http://www.geology.sdsu.edu>



#### **EMPLOYMENT**

URS Corporation, a nationwide, multidisciplinary consulting firm and the largest design firm in the country, has a strong project backlog in San Diego County in the transportation and water resources markets. We are seeking qualified candidates for the following positions for our San Diego office:



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**Engineering Geologist (Requisition #URS16201):** Geologist/Engineering Geologist with 0 to 5 years of experience in consulting engineering firm; preferably with master's degree. Responsible for supervising field explorations, geologic mapping, and report preparation. Should be experienced in logging borings in soil and rock, knowledge of Caltrans investigation procedures a plus.

**Geotechnical Engineer (Requisition #URS15584):** Civil/Geotechnical Engineer with 0 to 5 years of experience in consulting engineering firm; preferably with master's degree. Responsible for planning field and laboratory programs, engineering analyses, and report preparation. Strong analytical skills and communication skills a must.

URS is an Equal Opportunity Employer and strongly supports diversity in our work force (M/F/V/D). We offer competitive salaries and a comprehensive benefits package.

For immediate consideration, please submit to [mike\\_blackmore@urscorp.com](mailto:mike_blackmore@urscorp.com) or apply on-line under the Careers section of our website ([www.urscorp.com](http://www.urscorp.com)) using the requisition number shown in parentheses above.

As a service to our members, AEG San Diego welcomes job postings - either for open positions or jobs wanted. Please contact Lee Vanderhurst ([lvanderhurst@geotechnicsinc.com](mailto:lvanderhurst@geotechnicsinc.com)) for information on advertising in this newsletter. The cost for an ad is \$25 per month.

**CHAPTER CONTACT INFORMATION**

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# SAN DIEGO UNIFIED SCHOOL DISTRICT



INVENTION AND DESIGN EDUCATIONAL ACADEMY  
 4191 Colts Way, San Diego, CA 92115  
 (619) 583-2502

**John P. Spiegel**  
 Principal, IDEA  
 jspiegel@sandi.net



## Calendar of Events

Date	Name of Event	Description	Type of Volunteers needed
October '06 - April '07	Job Shadows	11 <sup>th</sup> grade students get an up-close look at how a workplace operates. Students see how skills learned in school are applied to a career.	Job shadow host. Host provides a student with an up-close look at how your workplace operates. The student would visit you at your worksite for 4-8 hours.
Nov. 06 – Mar. 07	Canstruction	Canstruction combines the competitive spirit of a design/build competition with a unique way to help feed hungry people. Competing teams, lead by the top local architects and engineers in San Diego, showcase their talents by designing giant sculptures made entirely out of canned foods.	We need your help! As a nonprofit, we are soliciting donations to purchase cans. While you are welcome to donate specific cans, it will be easier for you and for us if you can support us through tax-deductible donations.
Throughout school year	Guest Speakers	Visit a class for 45 – 60 minutes and discuss your career field, job duties and educational background.	Guest Speaker
03/08/06	Spring Mock Interviews	Seniors practice their interview skills. The mock interviews are brief, lasting about 5 to 10 minutes per student.	Interviewers
03/19/07 - 06/01/07	Spring Internships	Seniors go out a 10-week non paid internship. It is a chance for them to practice basic work skills and also gives them the opportunity to get outside of their world and make contracts in the business world	Internship site. By providing a 10 week internship you will be giving a student the chance to practice or observe current technology, teamwork and cooperation.

05/24/07	IDEA's Spring Showcase night	Students showcase their work and projects for parents and the community.	
	Grade Level Exhibition	To help each student at IDEA to better prepare for the future, they will each make a presentation at the end of each grade level. The content/focus and audience for the presentation will vary based on their grade level. These presentations will help each student transition from school-to-career or post secondary education	We invite you to share this special day with us as our seniors demonstrate their mastery of the skills necessary for success after graduation. Each panel will listen to approximately four presentations.
06/05/07	9 <sup>th</sup> grade Exhibition	Student focus on developing themselves and incorporating themselves into the high school experience. <i>Personal Victory</i>	Visitors are welcome.
06/06/07	10 <sup>th</sup> grade exhibition	Students explore the community and provide service to it. <i>Public Victory</i>	Visitors are welcome.
06/07/07	11 <sup>th</sup> grade exhibition	Students explore potential careers and the expectations of work place. <i>Financial Literacy</i>	Visitors are welcome.

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**Canstruction®** merits funding for the following reasons:

- **Canstruction®** provides an artistic, creative endeavor in which every nation on earth can join together to participate regardless of national, political, racial or religious ideologies. It holds the promise of bringing the world together around a spectacular annual event in an international effort to end world hunger.
- **Canstruction®** are giant works of sculptural art. Like works of art they have a tremendous visceral impact on the viewer. They arrest the viewer's attention, get them to focus on the issue of hunger, and evoke a personal response to those in need.
- **Canstruction®** draws the media. Hunger is not a hot news item. Most hunger groups cannot get the news coverage they need to keep the issue in front of the public because they cannot generate "news."
- **Canstruction®** draws the media to the issue of hunger through its artistic visual medium of communication.
- **Canstruction®** creates opportunities for the entire design and construction industry (a very large industry) to become involved in a pressing social issue that their profession would not otherwise link them to.
- **Canstruction®** invites the public to donate food in addition to the substantial amounts of food donated by the participants.
- **Canstruction®** offers food manufacturers an event where they can receive brand name visibility while contributing to a worthy cause, thus increasing their desire to participate in providing food to those in need.
- **Canstruction®** invites hunger advocacy groups to install exhibitions and give symposiums on hunger that run simultaneously with the event.
- **Canstruction®** is a new valid pop art form, "*canned art*", that challenges the imagination of the designer/builder and viewer alike.



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**John P. Spiegel**  
**Principal, IDEA**  
jspiegel@sandi.net



TO: Crawford IDEA  
4191 Colts Way  
San Diego, CA 92115

FROM: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DATE:

RE: Donation

Please accept my/our donation of \$ \_\_\_\_\_, Crawford IDEA.

These funds are to be used for the following purpose:

To purchase approximately 1, 200 cans to compete in the Canstruction competition.

If there are residual funds after purpose has been accomplished, these funds are to be used for the following purpose: Donated to Home Front San Diego and Set Free San Diego.

Thank you,

Donor: \_\_\_\_\_  
Signature of Donor

Accepted and approved by: \_\_\_\_\_  
Signature of Crawford IDEA

ID#95-6002781

## Committee Chairs

### Meeting General Chair:

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### Meetings Manager; Exhibitors & Registration:

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## AEG•2007

ASSOCIATION OF ENVIRONMENTAL  
& ENGINEERING GEOLOGISTS

## **GOLDEN ANNIVERSARY IN THE GOLDEN STATE**

Los Angeles, California  
Sheraton Universal Hotel  
September 24 – 29, 2007

## **CALL FOR TECHNICAL PAPERS AND EXHIBITORS**

Come and enjoy all that Southern California area  
has to offer! AEG•2007 features short courses, field  
trips, technical sessions, symposia,  
and more!

**Come to Los Angeles in 2007!**

### Technical Session Topics include:

- Coastal/Floodplain Processes
- Construction Geology
- Dams
- Environmental Issues
- Field Geology
- Forensic Geology
- Geomorphology
- Geophysics
- Geotechnics
- Landslides/Slope Stability
- Natural Hazards
- Remote Sensing/GIS
- Rock Mechanics
- Seismic Hazards
- Seismology
- Site Characterization
- Soil Mechanics
- Ethics
- Professional Practice
- Subsidence
- Tunneling

### Abstract submittals due April 1, 2007

E-mail preferred: [aegjuliek@aol.com](mailto:aegjuliek@aol.com)  
or submit your abstract on AEG's Web Page:  
[www.aegweb.org](http://www.aegweb.org)

## AEG•2007



ASSOCIATION OF ENVIRONMENTAL &  
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## **GOLDEN ANNIVERSARY IN THE GOLDEN STATE**

50<sup>th</sup> ANNUAL MEETING

Los Angeles, California  
Sheraton Universal Hotel  
September 24 – 29, 2007

### For more information:

[www.aegweb.org](http://www.aegweb.org)

# AEG•2007

## About Los Angeles ....

Los Angeles offers a wide variety of things to see and do within the city itself and throughout the rest of Southern California: Knott's Berry Farm, Disneyland, Hollywood Blvd., The Sunset Strip, Grauman's Chinese Theater, Rodeo Drive, The La Brea Tar Pits, Disney Concert Hall, House of Blues, Huntington Library and Norton Simon Museum, Getty's Center, Queen Mary and the Long Beach Aquarium, San Juan Capistrano and Laguna Beach, Temecula Wine Tasting, Santa Barbara Wine Tasting, Channel Island Cruise, Greek Theater, and more.

**Join us for a week of education,  
networking, and fun in  
Southern California!**

## **GOLDEN ANNIVERSARY IN THE GOLDEN STATE**

### ◆ Technical Program

In conjunction with the meeting theme *Golden Anniversary in the Golden State*, the technical program (September 26, 27 & 28, 2007) will focus on:

- Environmental Issues
- Coastal/Floodplain Processes
- Construction Geology
- Field Geology
- Dams
- Forensic Geology
- Professional Practice
- Geomorphology
- Geophysics
- Geotechnics
- Landslides/Slope Stability, Subsidence
- Natural Hazards
- Remote Sensing/GIS
- Rock Mechanics
- Seismic Hazards
- Seismology
- Site Characterization, Soil Mechanics
- Ethics
- Tunneling

### ◆ Symposia

- Paleoseismology and Active Faulting
- Perspectives on Regulatory Review
- The Future of Environmental and Engineering Geology – A Global Perspective
- Engineering Challenges of Mine Reclamation
- Levees Protecting Urban Population Centers: Are New Standards Needed?
- Tunneling
- Solving Diverse Problems with Groundwater Models
- Advances in Subsurface Characterization Techniques and Environmental Investigations
- Dam Removal and Decommissioning
- Operating Dam Analysis and Remediation

### ◆ Field Trips

- Geology of Catalina Island
- The Birth of Engineering Geology
- Coastal Geology and Landslides of Orange County
- Geology of the San Andreas Fault
- Rockfall and Debris Flow Protection Along Highways
- Engineering Geology and the Construction of the Arrowhead Tunnels
- Geology of Palos Verdes Peninsula
- Geology of the Wine Country of Santa Barbara

### ◆ Teachers' Workshop

The Teachers' Workshop will be held on Saturday, September 29, 2007 at the Sheraton Universal.

### ◆ Short Courses

- Estimation of Soil Properties for Foundation Design
- Estimation of Rock Properties for Foundation Design
- Implementation of Special Publication SP 117: Guidelines for Analyzing and Mitigating Liquefaction and Landslides
- Open Seismic Hazard Analysis: Web-Based Research and Applied Tools for SHA
- Digital Terrain Analysis
- Virtual Mapping

### ◆ Program with Abstracts

Non-members, if you would like to receive a copy of the AEG2007 *Program with Abstracts*, contact Julie Keaton at 951-789-0271. Everyone is invited to submit an abstract to one of the Technical Program titles. Contact Julie Keaton at aegjuliek@aol.com. **NOTE: Program and schedule are subject to change. You may also view all the *Program with Abstracts* information on AEG's web site: [www.aegweb.org](http://www.aegweb.org)**

### ◆ Meeting Hotel

Situated in the magnificent Hollywood Hills, on the back lot of famed Universal Studios Hollywood, the Sheraton Universal Hotel is often acclaimed as "The Hotel of the Stars." With a sweeping perspective of Hollywood and the San Fernando Valley, the Hotel offers superb convenience to major freeways and all of the excitement Southern California has to offer. The business communities in downtown Los Angeles, Beverly Hills, and the San Fernando Valley are a leisurely commute by car, and LAX and Burbank airports are in close proximity as well. Recreational possibilities abound. Lounge around the tropically-themed pool. Catch the shuttle to Universal Studios Hollywood. Or, stroll through Universal CityWalk, a unique collection of restaurants, shops and entertainment options. The Getty Museum, Disneyland, Knott's Berry Farm, Magic Mountain, and numerous sporting options are close by.