



ASSOCIATION OF ENVIRONMENTAL & ENGINEERING GEOLOGISTS

SOUTHERN CALIFORNIA SECTION, SAN DIEGO CHAPTER
"Serving Professionals in Engineering, Environmental and Ground-
Water Geology"

San Diego Chapter, August 2009 Newsletter

JOINT AEG/SDAG MEETING NOTICE: MONDAY, AUGUST 3, 2009

This month, the AEG monthly meeting will be another joint meeting with SDAG. We will have a presentation by **Edmund Medley, Ph.D.**, the **2009 Richard H. Jahns Distinguished Lecturer in Engineering Geology** who will be presenting a discussion on **"An Introduction to the Use of Ground-Based Stereo Photography in Geopractice"**.

Join us at Marina Village, Monday August 3, 2009.

Where:

Catalina Room (southern end of MVCC) SEE MAP
Marina Village Conference Center
1936 Quivira Way, San Diego, CA 92109

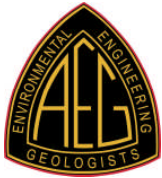
When:

5:30 pm – Social Hour
6:30 pm – Dinner
7:30 pm – Program

Directions:

FROM INTERSTATE 5: Take the SEA WORLD DRIVE exit. From SEA WORLD DRIVE, take WEST MISSION BAY DRIVE on your right. When you see the large green sign that says QUIVIRA ROAD, get in the farthest left of the two left turn lanes. Turn left, go one very short block and turn left again. Drive about one half mile and MARINA VILLAGE will be on your right.

FROM INTERSTATE 8: Take the WEST MISSION BAY DRIVE exit to the right. You will be on INGRAHAM STREET for a short distance from which you will take the next exit marked WEST MISSION BAY DRIVE on your right. When you see the large green sign that says QUIVIRA ROAD, get in the farthest left of the two left turn lanes. Turn left, go one very short block and turn left again. Drive about one half mile and MARINA VILLAGE will be on your right.

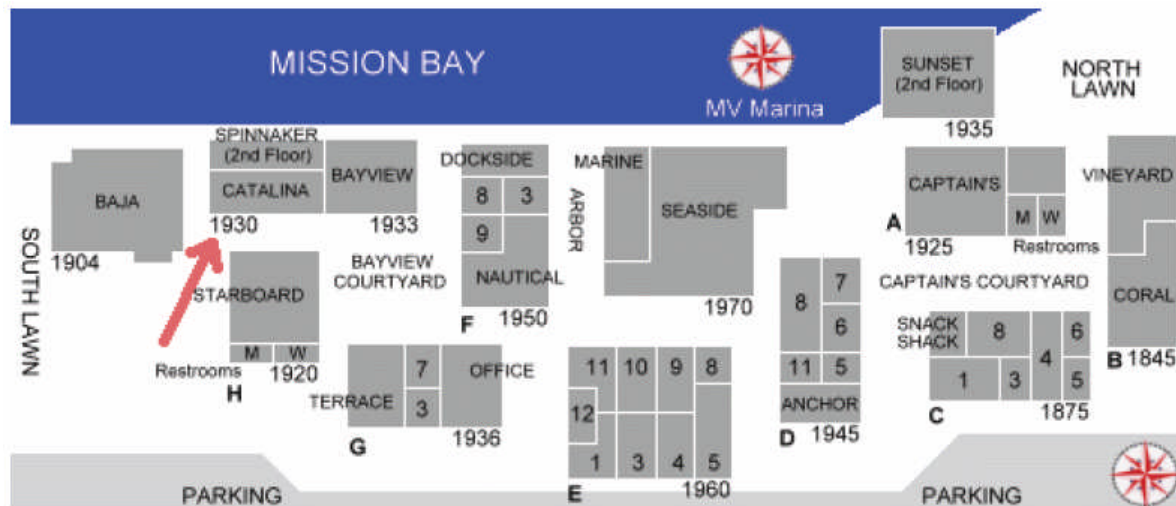
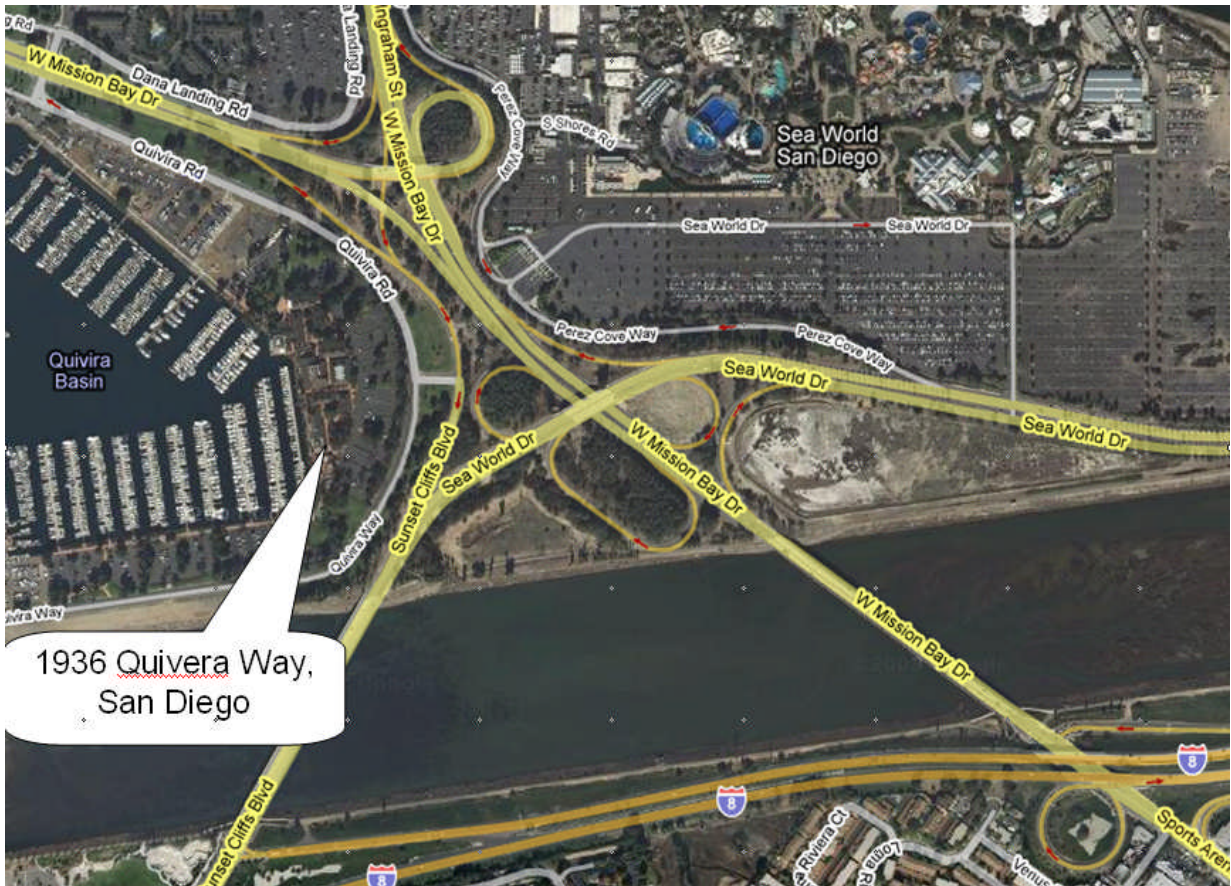


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BUFFET: Hawaiian Luau Buffet.

Cost: \$25 for members (AEG/SDAG), \$30 non members. Students \$20

Please. **RSVP** at the **SDAG** Website www.sandiegogeologists.org Feel free to invite friends and coworkers!





JULY MEETING COMMENTS!

Our July joint SDAG/AEG meeting at the Marina on July 15, 2009 had over 50 members/non-members showing up for [Dave Shug's](#) presentation on GEOTECHNICAL ISSUES FOR DESIGN OF THE PROPOSED BORINQUEN DAMS EXPANSION OF THE PANAMA CANAL, PANAMA. Despite being in some sort of traffic accident Dave made it in one piece and on time and his presentation was great and we all had a good time!

MINUTES/DISCUSSION

The meeting came to order at 7:30 pm and was concluded by 9:30 pm. Topics covered consisted of:

- **Socializing** began around 5:30 pm
- **Announcements and Introductions**
 1. Joint meeting with SDAG in August. Ed Medley (Jahns 2009 Distinguished Lecturer) will be presenting at the August joint meeting.
 2. The 2010 Geotech Engineering Earthquake Conference is being held in San Diego this year May 24th to 29th at the Mission Valley Marriott.
 3. SDAG Field Trip to Deep Canyon Preserve near Palm Springs.
- **End of Meeting** at about 9:30 pm

Our speaker for the joint AEG/SDAG meeting this month is [Dr. Edmund Medley](#), Ph.D, PE, CEG, F.ASCE is the 2009 Richard H. Jahns Distinguished Lecturer in Engineering Geology.

An Introduction to the Use of Ground-Based Stereo Photography in Geopractice

Dr. Ed Medley

Edmund Medley, Ph.D, PE, CEG, F.ASCE is the 2009 Richard H. Jahns Distinguished Lecturer in Engineering Geology. The selection committee for this award is composed of representatives of the Association of Environmental and Engineering Geologists (AEG) and the Engineering Geology Division of the Geological Society of America (GSA). The intent of the partially-funded Lectureship is to encourage student and professional awareness of engineering geology through a series of lectures presented across North America during the award year. The award was established in 1988 to commemorate Professor Richard H. Jahns (1915-1983), who had an influential and diverse career in academia, consulting and government. Details on the life and career of Professor Jahns are presented at edmedley.com (Jahns Lectures page).

Lacking math and science pre-requisites, Dr. Medley began his academic life in 1973 as a "mature student", admitted to the Mining Technology program at the British Columbia Institute of Technology, in Burnaby, British Columbia. Transferred to the University of British Columbia, in Vancouver, British Columbia, he graduated in 1978 with a B. Appl.



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Science in Geological Engineering (Geotechnical Option), winning the first Aro A. Aho Medal for academic excellence in Geological Engineering. Even more matured, he earned a mid-career M.S. in 1991 and a Ph.D. in 1994, both in Geotechnical Engineering, from the University of California at Berkeley. He was the AEG Marliave Scholar in 1993, awarded for

outstanding scholarship in Engineering Geology and Geological Engineering. For his Ph.D. research he pioneered approaches to the engineering and geological characterization of bimrocks (block-in-matrix rocks), complex geological mixtures of rock and soil such as melanges, fault rocks and weathered rocks. Dr. Medley has authored/co-authored about 50 professional contributions, many on bimrocks. Most of his professional and research contributions are available at bimrocks.geoengineer.org and edmedley.com. He has also presented over 150 professional and academic lectures, Short Courses and MCLE Credit courses.

Dr Medley is a Senior Consultant in the Oakland, California office of Geosyntec Consultants (geosyntec.com). He began his career in the Applied Earth Sciences in 1969, and now has over 30 years of unusually varied international experience in geotechnical and geological engineering consulting, mineral exploration prospecting, failure investigation, litigation testifying and research. He has consulted on major landslides, rockfall hazards, expansive/collapsing soils, tunnel failures, coastal erosion, sinkholes and other ground movements. He is licensed/registered/chartered as an engineer and geologist in the USA, Canada and the United Kingdom.

Affiliated with several international geosciences and engineering organizations. Dr. Medley has been a member of the GSA and AEG for many years. He was the San Francisco AEG Section Membership Committee Chairman between 1991 and 1993 and the San Francisco Section Short Course Chairman between 1995 and 1996. He currently contributes time to several professional committees, Editorial Boards, and as a peer reviewer, to professional journals.

An Introduction to the Use of Ground-Based Stereo Photography in Geopractice

In some situations three-dimensional (3D) perception is critical to efficient and accurate geological/geotechnical investigation. Taking and exploiting ground-based stereo photographs for personal use and geology and engineering consulting is easy and inexpensive. Stereo (3D) photos preserve records of site conditions for use in analysis back at the office, and allow a clear visual depiction of the site to audiences such as clients and juries. Examples of ground-based stereo images of terrain, landslides, gullies, distressed structures, and other features-as used in project-related analyses and presentations-demonstrate the considerable advantages in collecting and viewing site information as stereo images. Stereo glasses will be provided.



NEXT AEG will be held in October:

With the AEG 2009 ANNUAL MEETING IN LAKE TAHOE occurring September 21-26, We will not be having an AEG Meeting in September. Please see additional information in news and notes from the field.

PRESIDENTS COMMENTS BY BOB STROH

I've enjoyed being able to help arrange for speakers and meetings, to provide for some new venues....some of which have been "challenging" to say the least. As the year is half over now, I look forward to more presentations in the coming months and new venues too. Thanks to everyone for their help and support, and especially to the speakers at the monthly meetings who give their time freely to enhance our professional knowledge.

Remember to mark your calendar for the 2009 AEG Annual Meeting is being held September 21-29 at Harrah's Hotel and Casino in **Lake Tahoe**, get it on your calendar now. Please visit www.aegweb.org for details on the 2009 Meeting. The new **AEG NEWS** is out with all of the 2009 Annual meeting details and abstracts. This looks to be another fantastic event, not to be missed!

NEWS AND NOTES FROM THE FIELD

Register Today and Save

AEG 2009 Annual Meeting

Lake Tahoe

An Epoch Event

Harrah's Hotel & Casino

September 21 -26, 2009

Save \$50 if you register by August 1st

Register online at www.aegweb.org

You will not want to miss...

Symposia

- Digital & Electronic Technology in Engineering Geology
- New Uses of Geomorphology
- Earthquake Hazards of the Sierra Nevada Range



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- Long Run-Out Landslides & Rock Avalanches
- Groundwater Resources in California, Quality & Supply
- Geologic Considerations for Dams
- Environmental/Engineering Geology in Mining Practice

Short Courses

- Rockfall Analysis & Mitigation
- 3D Laser Scanning for Rock Engineering Design & Geo-Infrastructure Monitoring
- Field Geological Mapping Using GIS & Tablet PCs
- Seismic Site Response Evaluations

Field Trips

- Wine & Geology of the Motherlode
- Geohazards of the Tahoe Basin & Carson Front of the Sierras
- Quaternary Geology of the Lake Tahoe Basin
- Galena Creek Bridge
- Martis Creek Dam

Check out our Technical Program, Guest Trips and Special Event at www.aegweb.org

Great Rates at Harrah's -Make your reservations by calling 1-800-455-4770 (Identify yourself as an attendee of the AEG Annual Meeting, Code S09AEG) or link to:
<http://www.harrahs.com/CheckGroupAvailability.do?propCode=TAH&groupCode=S09AEG>

Deadline for Hotel Conference Rates - August 22, 2009

If you need a copy of this newsletter our would like to view an archive of San Diego Chapter newsletters you can log onto the San Diego Chapter AEG site at
<http://www.aegsc.org/chapters/extremesocal/>

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
- San Diego State University, Geology Department <http://www.geology.sdsu.edu>



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As a service to our members, AEG San Diego welcomes job postings - either for open positions or jobs wanted. Please contact Darren Knight (dknight@stgcx.com) for information on advertising in this newsletter. The cost for an ad is \$15 per month

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