

# ASSOCIATION OF ENVIRONMENTAL & ENGINEERING GEOLOGISTS

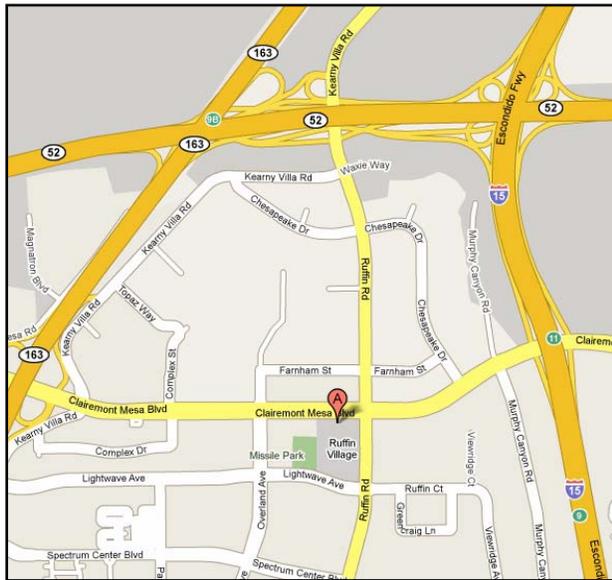
SOUTHERN CALIFORNIA SECTION, SAN DIEGO CHAPTER  
"Serving Professionals in Engineering, Environmental and Ground-Water Geology"

## San Diego Chapter, June 2009 Newsletter

### AEG MEETING NOTICE: MONDAY, JUNE 8, 2009

Our speaker for Monday night's meeting is **Woody Higden** from **GEO-TECH-IMAGERY (GTI)** who will be presenting a discussion on **"Digital Aerial Photography, GIS, & The Soledad Mt. Landslides"**.

**Join us at Giovanni's Restaurant Monday June 8, 2009.** Social Period starts at 5:30 PM; announcements will begin at about 6:00 PM, with the presentation following shortly thereafter. We like to eat while we listen. Restaurant is located at 9353 Clairemont Mesa Boulevard, San Diego (see map below).



Our dinner is buffet style, all you can eat pizza, cheese ravioli and meat lasagna with salad and garlic bread. Cost is \$20.00 each and includes soda. A bar is available for libations.

Please .... **RSVP** with Bob Stroh at [rstroh@leightongroup.com](mailto:rstroh@leightongroup.com) by Friday June 5 please. Feel free to invite friends and coworkers, late and last minute show ups are FINE!

### MAY MEETING COMMENTS!

Our May meeting at Casa Machado Bar and Grill on May 11, 2009 had 17 members/non-members showing up for GEI's Donald Vaughn's and Les Reed's presentation on the bluff edge and coastal canyon geomorphology and pedochronology. Their talk was very interesting with a lot of discussion. The Social hour was fun too. It was a tight net group of guys and one gal.....what's up with that? Anyway, the attention grabber was that oblique aerial photo of Mount Soledad...Can you say "LANDSLIDE"? At any rate the talk provided us with confirmed information that the City of San Diego is open to re-evaluation of bluff top edges, based on site a specific analysis. This could prove very valuable for many of our coastal clients hoping to gain developable property in the future. Thank you to GEI for their time!

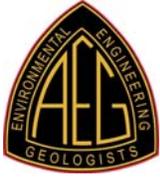


On an interesting side note (that the president is embarrassed by), since the restaurant booked another group at the same time, there was plenty of noise to contend with during the presentation and announcements (not including the Harley and the frequent airplane fly-bys)! WOW. In the future, we will try to prevent that from happening again (Casa Machado is not on the list anymore), but everyone still had a good time, and the food was outstanding from the comments received.

### **MINUTES/DISCUSSION**

The meeting came to order at 5:30 pm and was concluded by 7:30 pm. Topics covered consisted of:

- Socializing began around 5:30 pm
- Announcements and Introductions
  - National AEG Meeting in Lake Tahoe in September – Still accepting applications past the deadline.
- The 2010 Geotech Engineering Earthquake Conference is being held in San Diego this year May 24<sup>th</sup> to 29<sup>th</sup> at the Mission Valley Marriott
- Newsletter content, presentations and notices
  - Please feel free to email Darren Knight or Bob Stroh with submissions or recommendations for speakers and topics
- Meeting location, day, and time
  - We've pretty much settled in on the second Monday of the month.
  - Feel free to discuss or provide suggestions at next meeting for venues.
- **Geotechnical Exploration Inc (GEI)** gave their presentation on "Bluff Edge and Coastal Canyon Geomorphology and Pedochronology at a Top of Sea Cliff Property, La Jolla, California"
- Short discussions and socializing continued after presentation
- End of Meeting at about 7:30 pm



Our speaker for this month's meeting is **Woody Higdon** from **Geo-Tech-Imagery** ([woody@geo-tech-imagery.com](mailto:woody@geo-tech-imagery.com)) who will be presenting a discussion on the **"Digital Aerial Photography, GIS, & The Soledad Mt. Landslides"**.

## Woodrow L. Higdon

### Biography

Woodrow L. Higdon (Woody) obtained his degree with a major in Geology, and a minor in photography, from Cal State University Long Beach in 1975, and worked for Leighton and Associates, Irvine, as a staff geologist until 1979. Woody then formed his company, Geo-Tech Imagery, which has specialized in Land Use Imagery for the past thirty (30) years. He completed his post graduate studies in remote sensing imagery with Harvard University in 1981.

Woody plans, generates, analyzes, and reproduces all types of images (aerial, ground, underwater photography and video) for all aspects of land use from acquisition thru investigation, construction, litigation, and marketing, to final sale documentation. GTI has over 250,000 frames of standard color, false color infrared, black & white, and side scan radar imagery in its Mapinfo GIS cataloged library. Woody has sold GIS Software and Data, and consulted and trained in GIS since the early 1980's.

Woody is a former Recon Marine with specialized training in Airphoto Interpretation, Combat Photography, and Underwater Photography from Naval Diving Schools. Upon discharge from the marines he became a police officer for the cities of Santa Ana and Garden Grove, California, which included forensic photography as part of his patrol duties.

Photography and video support skills include Naval Diving Schools certifications, PADI Diving Instructor Certification, and Helicopter Pilot certifications with more than 30 years of experience.

GTI's in-house support capabilities include high resolution digital image scanning, digital image editing, GIS encoding and image rectification, non-linear real time digital video editing, and high resolution large format 48 bit color print reproduction.

Woody at Geo-Tech Imagery can be reached at [760-754-8423](tel:760-754-8423) or you can visit his web site at: [www.geo-tech-imagery.com](http://www.geo-tech-imagery.com)



## Digital Aerial Photography, GIS, & The Soledad Mt. Landslides

**Higdon, Woody, GEO-TECH IMAGERY Inc., ADDRESS,** [woody@geo-tech-imagery.com](mailto:woody@geo-tech-imagery.com)

An integrated approach to the use of GIS and digital aerial photography, current & historic, on the Soledad Mt. Landslides, and there is more than one. What you need to know to get the most out of obtaining and using digital air photos for analysis and use in the GIS world to enhance the interpretation, information, and multiple uses of aerial photographs.





### **NEXT Months (July) Meeting will be a Joint Meeting with SDAG:**

David Schug of URS will be presenting on geotechnical investigations for the Panama Canal expansion.

### **August Meeting will also be a Joint Meeting with SDAG:**

We are arranging to have the AEG Jahns Lecturer (Ed Medley) down here for a Joint SDAG/AEG meeting near the middle to end of August along with him presenting for SCGS following our joint meeting. We will keep you posted! Location and date to be determined.

Jahns Lecturer topics to choose from:

1. The Least You Should Know About Characterizing Geological Chaos: Bimrocks
2. The Comforts of Ignorance and the Benefits of Arrogance: Lessons of the Failure Kind for the Geopractitioner:
3. Of Elephants, Earthquakes, Caves and Hot Rock – Recent Geological Engineering Adventures
4. Something to Chew on: Rock is More Nutritious than Dirt:
5. An Introduction to the Use of Ground-Based Stereo Photography in Geopractice
6. Forensic Investigation of the Sea Cliff Incident, an Urban Catastrophe
7. "Shoot! It's Been Delightful!" (Reflections and Snapshots from a 40 year Geo-Odyssey) :

Your input is appreciated.

### **PRESIDENTS COMMENTS BY BOB STROH**

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](http://www.aegweb.org) for submission guidelines and details on the 2009 Meeting.

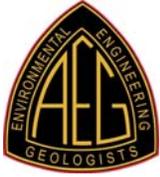
Look for our write up in the next AEG Newsletter, we plan on submitting a summary of San Diego Chapter activities for national publication.

### **NEWS AND NOTES FROM THE FIELD**

**Please visit SDAGs Announcement Section** for additional details and discussion on the new and revamped Google Earth™ See the below partial quote taken from SDAG:

“Google Earth™ finally recognizes the other 70.8% of Earth's surface!

SAN FRANCISCO - Google Earth unveiled the fifth official revamp of its service on Monday, taking virtual tourists down to the bottom of the sea floor, to Mars, and back in time to explore the past through historical data.”



## Annual AEG Inland Chapter Short Course

### Expanding Geological Practice: New Areas & Methods"

Being offered June 12, 2009 at UC-Riverside. For more information & brochure, see the AEG Inland

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

**Also, Please view SOCAL AEG Newsletter for information on submitting biographies to for inclusion in the AEG "Who's Who" Publication!**

**AEG SILENT AUCTION:** As preparations are being made for the 52nd AEG Annual Meeting, the AEG Foundation would like to invite you to participate in this year's Silent Auction. Items for the auction can range from:

Jewelry, precious minerals, photographs of wildlife, etc., wine, cheese, cigars, maps, publications, air miles, a condo in paradise, or just plain old cash...just use your imagination and think outside the box.

Any and all donations will be appreciated! This year the auction will benefit the Marliave Scholarship which honors the memory, work and contributions of Elmer C., Chester E., and Burton H. Marliave. The money that is generated from this auction will be awarded to an outstanding student on the basis of demonstrated ability, scholarship potential for contributions to the profession, character, and activities in student/professional societies, etc. Therefore, if you would like to be a part of this benefit by making a donation to the Silent Auction, please contact Donna Schmitz at [donnas@ext.msstate.edu](mailto:donnas@ext.msstate.edu) or call Donna at 662-325-1757 for further information.

### 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>



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](mailto:dknight@stgcx.com)) for information on advertising in this newsletter. The cost for an ad is \$20 per month

### CHAPTER CONTACT INFORMATION

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