



Association of Environmental and Engineering Geologists

**Inland Empire Chapter** Southern California Section

[www.aegsc.org/chapters/inlandempire](http://www.aegsc.org/chapters/inlandempire)

July 7, 2009 Vol. 5, No. 7

## AEG Inland Empire Chapter **July Monthly Meeting**

### Woodrow “Woody” Higdon

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

**Thursday, July 16, 2009**

**Note change from our normal “Wednesday meeting”**

4:00 – 5:00	“Behind the scenes” Tour	Western Center – Exhibits/Collections
	<b>Note: Specify tour in RSVP</b>	
5:00 – 6:20	Social	Western Center – Class Room
6:20 – 7:20	Dinner	Western Center – Class Room
7:30 - 8:30	Speaker Presentation	Western Center – Class Room

Location

**Western Center for Archaeology & Paleontology, Hemet, CA**

(Meeting Cost \$25.00)

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

(RSVP/Directions on page 4)

Chapter Chair  
Dr. Kerry Cato  
Cato Geoscience, Inc.  
(951) 834-2619  
[kerry@catogeoscience.com](mailto:kerry@catogeoscience.com)

Vice Chair North  
Frank Jordan  
John R. Byerly, Inc.  
(909) 877-1326  
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Vice Chair South  
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Secretary  
David Gaddie  
[David\\_@johnrbyerlyinc.com](mailto:David_@johnrbyerlyinc.com)

### **This Month’s Speaker:**

**Woodrow “Woody” Higdon**

Geo-Tech Imagery

### **Abstract**

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.

Program Chairman,  
Rick Gundry

Webmaster & Newsletter Editor  
Dr. Kerry Cato,  
Cato Geoscience, Inc.  
[kerry@catogeoscience.com](mailto:kerry@catogeoscience.com);

Field Trip Chairman  
Mark Spykerman, Earth Systems  
Southwest,  
[mspykerman@earthsys.com](mailto:mspykerman@earthsys.com);

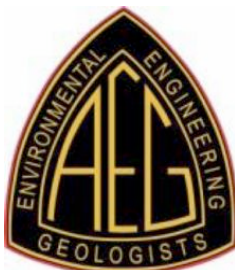
Membership Chairman  
Richard Orr, Leighton Group,  
[Rorr@leightongroup.com](mailto:Rorr@leightongroup.com);

Past Presidents; Frank Jordan,  
2005; Gary Wallace, 2006; Rick  
Gundry, 2007, Mike Cook, 2008.

The AEG Inland Empire Chapter  
*Newsletter* is a monthly  
publication of the Inland Empire  
Chapter of the Southern  
California Section, Association  
of Environmental and  
Engineering Geologists. For  
more information visit the  
Chapter website:  
<http://www.aegsc.org/chapters/inlandempire>.

Submittals: Deadline, 28<sup>th</sup> of the  
month. Employment notices, job  
position announcements, and  
advertisements can be posted for  
a minimal fee. *Newsletter*  
circulation about 170 in greater  
inland areas of southern  
California, and elsewhere.

E-Mail Address changes:  
[kerry@catogeoscience.com](mailto:kerry@catogeoscience.com).



**INLAND  
EMPIRE  
CHAPTER**

## Speaker

**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 or you can visit his web site at: <http://www.geo-tech-imagery.com>.

### Short Course Pictures

(All photos by Mike Cook).

More pictures on website:

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



L to R: Kerry Cato, Gary Lass, Greg Middleton, Jim Madden, Mark Molinari, Richard Minnich



AEG President Mark Molinari receives a token of appreciation from Chair Kerry Cato, Ken Hudnut in the background.



View of the audience at the UCR-Extension facility



Vice Chair-North Frank Jordan (R) gives speaker Jim Madden a token of appreciation.

## AEG INLAND EMPIRE CHAPTER

# Chair's Message

July 2009

Attendees of the recent AEG Inland Chapter Short Course were treated to diverse and in-depth discussions on many technologies, regulatory issues, and future trends useful to practitioners. The Short Course was titled, "*Expanding Geological Practice: New Areas & Methods.*" The course was held on Friday June 12 at the University of California-Riverside Extension and thirty-eight people attended the day-long course. The subject matter fell into two categories:

- 1) Site Investigation Survey Methods-LiDAR, InSAR, GPS-GIS; and
- 2) Environmental discussions include: climate change, solid waste management, storm water pollution plans, and the state of the field of Environmental Practice. In addition, Mark Molinari, President of AEG-National gave his perspective on the state of the engineering geology profession.

The eight speakers represented industry, academia & research, and government. The Inland Chapter wants to sincerely thank all of the speakers for their presentations and participation in the course. The comments I received were glowing and there were several good question and answer sessions. More detail about the talks and a few more pictures are posted on the Chapter website:

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

This month our speaker will be **Woody Higdon**, speaking on "**Digital Aerial Photography, GIS, & The Soledad Mt. Landslides**". Woody always gives a great talk that is packed with technical information, useful photographic trivia, and delivered with flair. As an additional treat, and if you arrive by 4pm, our group will be given a "behind the scenes" tour of the newly opened Western Center in Hemet. As you may know the Western Center houses the archeologic and paleontologic materials obtained during the construction of the Diamond Valley Reservoir.

Finally, note that an Officer Election Ballot is attached at the last page of this newsletter. Chapter members please return a completed and signed ballot by mail or in person by the July 16 meeting date.

See you at the Western Center in Hemet on July 16.

**Kerry Cato, Chapter Chair**

## Future AEG Inland Chapter Meetings

**August** - Wednesday August, 19th 2009, Riverside  
"Groundwater Contamination at the Omega Chemical Corporation Superfund Site, Los Angeles County"  
**Dr. Tom Perina**, CH2MHill, Riverside, CA

**September** - NO Chapter Meeting,  
National Meeting at Lake Tahoe, CA

## Thursday July 16 Chapter Meeting Details and Location

### RSVP REQUIRED:

- Advance RSVP required by Monday July 13, 2009
- E-Mail: [akwgeotechnical@verizon.net](mailto:akwgeotechnical@verizon.net)
- Info needed:
  - name, company, and number attending
  - Specify if attending the 4pm Western Center tour

Meal – buffet style from Pat n' Oscars, Temecula

- Cost: Professionals = \$25;  
Students + \$10 (with Student ID)

- Entree Selection:
  - Chicken
  - Pasta

- Dinner side accompaniments include:

- Cheese Tray
- Greek Salad
- Bread sticks
- Non-alcoholic drinks included at no cost

### Location:

**Western Center for Archaeology & Paleontology**  
**2345 Searl Parkway, Hemet, CA**

### Directions to Meeting Location from Interstate-215

- EXIT at Scott Road and proceed East
- At SR 79 N (Winchester Rd) {light}, TURN Left and proceed North on SR 79.
- At Domenigoni Parkway {light} turn right and proceed East.
- At Searl Parkway {light} turn right and proceed South into Western Center Driveway. Western Center is the southernmost of the two buildings.

### Directions to Meeting Location from Temecula

- Proceed North on SR 79 (Winchester Rd) out of Temecula
- At Domenigoni Parkway {light} turn right and proceed East.
- At Searl Parkway {light} turn right and proceed into Western Center Driveway. Western Center is the southernmost of the two buildings.



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# Election Ballot

## AEG Inland Chapter Election For 2009-2010

The current Chapter officers are pleased to present the following slate of officer candidates for your voting.

**Instructions:**

1. Circle your selection for each of the four positions or write in your own candidate.
2. Sign and print your name along with your AEG membership number.
3. Return the ballot in person at the July 16 Chapter meeting. Or mail in your ballot to the address listed below. In order to be counted, ballots must be received by July 16.

If mailing ballot, mail to: AEG Inland, c/o Cato Geoscience, Inc., P.O. Box 891930, Temecula, CA 92589

### Slate of Candidates

<b>Chair</b>	<b>Ernest Roumelis</b> Write-in _____
<b>Vice Chair – North</b>	<b>Debbie Kunath</b> Write-in _____
<b>Vice Chair – South</b>	<b>Doug Johnston</b> Write-in _____
<b>Treasurer</b>	<b>David Gaddie</b> Write-in _____
<b>Secretary</b>	<b>Frank Jordan</b> Write-in _____

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#### Member Verification

Print Name \_\_\_\_\_

Signature \_\_\_\_\_

AEG Membership # \_\_\_\_\_