

# Inland Geological Society

February 2010

Newsletter of the Inland Geological Society

Volume 26 No. 2

**This Meeting:**

**Wednesday,  
February 3<sup>rd</sup>**

**Time:**

**Social: 6:00pm  
Dinner: 6:30pm  
Lecture: 7:00pm**

**Location:**

**LSA Associates  
1500 Iowa Ave  
Suite 200  
Riverside, CA  
92507**

**(Map on Pg.4)**

**Coming to**

**Dinner?**

**Please RSVP:**

**By Friday 01/29  
(951) 782-3295  
dlclass@  
waterboards.ca.gov**

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**February Speaker:**

**Bob Pierotti**

**Chief of the Resources Assessment Branch, Southern Regional Office  
California Department of Water Resources**

**Historical Overview of Well Driller Logs  
and the DWR Well Completion Report**

**Abstract**

The value of well logging has been recognized at least since the mid-19<sup>th</sup> century, and the usefulness of the collection and preservation of drill-cutting samples was also recognized in the 19<sup>th</sup> century. In 1904, the USGS began a voluntary, systematic collection of well records and samples; however, the program was soon discontinued. Beginning in 1909, owners of oil and gas wells in California were required to keep “careful and accurate” logs of wells, and in 1915, owners were required to file those logs with the State. However, it was not until 1949 that drillers were required to file logs of water wells with the State. The Dickey Water Pollution Control Act of 1949 created Regional Water Pollution Control Boards and required the filing of Well Completion Reports (logs) with those boards. Later, the Water Code required the reports to be filed with the Department of Water Resources, and it required the filing of logs of cathodic protection wells (1969), monitoring wells (1986), and geothermal heat exchange wells (1996). The initial intent of the law was to provide groundwater and well information to the regional boards and DWR. Today, DWR has more than 700,000 well completion reports. The reports must be signed by a licensed well drill and filed with DWR within 60 days of the completion

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of the work. The availability of the reports is restricted to 1) governmental agencies for use in making studies, 2) any person who obtains written authorization from the owner of the well, and 3) anyone performing an environmental cleanup study, if the study is conducted under the order of a regulatory agency.

### **Biography:**

Bob Pierotti has worked for the California Department of Water Resources since 1980. Currently, he is Chief of the Resources Assessment Branch of the Department's Southern Regional Office in Glendale. He has responsibility for the Groundwater, Special Projects, and Watermaster Sections, and he is Deputy Watermaster of the West Coast Basin and Central Basin in Los Angeles County. He has bachelor degrees in both geography and geology from California State University, Northridge and a master of science degree in geology from California State University, Los Angeles. Bob is a Professional Geologist, Certified Engineering Geologist, and Certified Hydrogeologist in California.

## **Cal Poly Pomona Geology Department Being Reviewed for Closure**

Greetings IGS Members!

I am writing to ask for your immediate help and support. As you may have heard through the "grapevine", the Provost of Cal Poly Pomona University has announced his intention to close the Geological Sciences Department, unless we can show him that we are valuable and viable. We are seeking letters from local geoscientists, employers, and professional societies in support of the Department and its two B.S. degree programs (Geology & IES).

We would greatly appreciate a support letter from the Inland Geological Society, and individually from any of you as employers or colleagues of our graduates.

Due to the economic crisis, Geology departments across the U.S. are under attack right now because they are typically smaller than other science departments. We are no exception. The support of alumni, employers, and professional societies is proving to be one of the most effective weapons to combat closure of Geology programs at other universities.

Please take a few moments to write a letter of support, describing why the Cal Poly Pomona Geological Sciences Department has been important to you, your company, your organization, and/or the geosciences profession and community in general. Personal anecdotes are encouraged, as they are very powerful in convincing the powers that be. It is important to recognize that most of our campus administrators are relatively new to southern California and have little institutional memory. Be honest, be genuine. Please stand up for Geology at Cal Poly Pomona!

Please make 3 copies of your letter and address them to:

- Dr. Marten den Boer, Provost, Academic Affairs Division, California State Polytechnic University, 3801 W. Temple Avenue, Pomona, CA 91768
- Dr. Donald Straney, Dean, College of Science, California State Polytechnic University, 3801 W. Temple Avenue, Pomona, CA 91768
- Dr. Jonathan Nourse, Chair, Geological Sciences Department, California State Polytechnic University, 3801 W. Temple Avenue, Pomona, CA 91768

Please pass this message along to other geoscientists and supports of the Cal Poly Pomona Geological Sciences Department!! Please see our dept. website (<http://geology.csupomona.edu/>) for ideas in composing your letters. Thank you!

Dr. Jeff Marshall

Associate Professor of Geological Sciences

(909) 869-3461

<http://www.csupomona.edu/~marshall>

## Upcoming Meetings/Events

### Rock & Gem Shows—Various locations

Various rock and mineral shows will be throughout So. California. To find one near you, visit [www.rockngem.com/showdates.asp](http://www.rockngem.com/showdates.asp)

### SME—SoCal Section Meeting



Larie Richardson, President of North Star Minerals, Inc., will be giving a talk on "Marigold Mine, Valmy, NV". The meeting will be on **Tuesday, February 16, 2010** at the Pomona Valley Mining Company in Pomona, CA. For more info., visit [www.smenet.org/](http://www.smenet.org/)

### 2009 GSA Cordilleran Section and Pacific Section AAPG Joint Annual Meeting



The cordilleran section of the GSA and the Pacific Section of the AAPG will be holding their Joint Annual Meeting on **May 27-29, 2010** at the Anaheim Marriott in Anaheim, CA. For more info., visit [www.geosociety.org/](http://www.geosociety.org/)

### South Coast Geological Society



Dr. W. Richard Laton, 2009 McElhiney Distinguished Lecturer and Associate Professor of Hydrogeology at CSU, Fullerton, will be giving a talk on the "*Boring Logs—What's Important and What's Not: A Scientific Viewpoint*". The meeting will be **Monday, February 1, 2010** at the Doubletree Club Hotel in Santa Ana, CA. For more info., visit [www.southcoastgeo.org](http://www.southcoastgeo.org)

### AEG—Inland Empire Section Meeting



Tom Rockwell will be giving a talk on the "*Last 4,000 Years of Activity on the San Jacinto Fault*". The meeting will be held on **Wednesday, February 17, 2010** in Temecula, CA. For more details, please visit [www.aegsc.org/chapters/inlandempire/](http://www.aegsc.org/chapters/inlandempire/)

## IGS Meeting Schedule

### **March 2, 2010 (Tuesday)**

Dr. Paul Marinos, Nat'l Technical Univ. of Athens  
2010 GSA/AEG Jahn's Distinguished Lecturer  
TBA

NOTE: This will be an AEG-IGS-UCR Hewitt Club joint meeting at UCR. Further details will follow.

### **April 7, 2010 (Wednesday)**

Meredith Rivin, LSA Associates, Inc.  
TBA

### **May 6, 2010 (Thursday)**

Eldon Gath, Earth Consultants International  
*The Santa Ana Mountains: Indenter-Driven Seismotectonics of the OC*

### **June 2, 2010 (Wednesday)**

Dr. Prem Saint, CSU Fullerton, retired  
*Paleohydrology of the 5000-year old Indus Valley Archeological Sites in the North-West Indian Subcontinent*

### **July 1, 2010 (Thursday)**

Shelby Barker, Kleinfelder  
*An Investigation of the Potential Surficial Recharge in Lucerne Valley Groundwater Basin, Western Mojave Desert, California*

### **August 4, 2010 (Wednesday)**

TBA

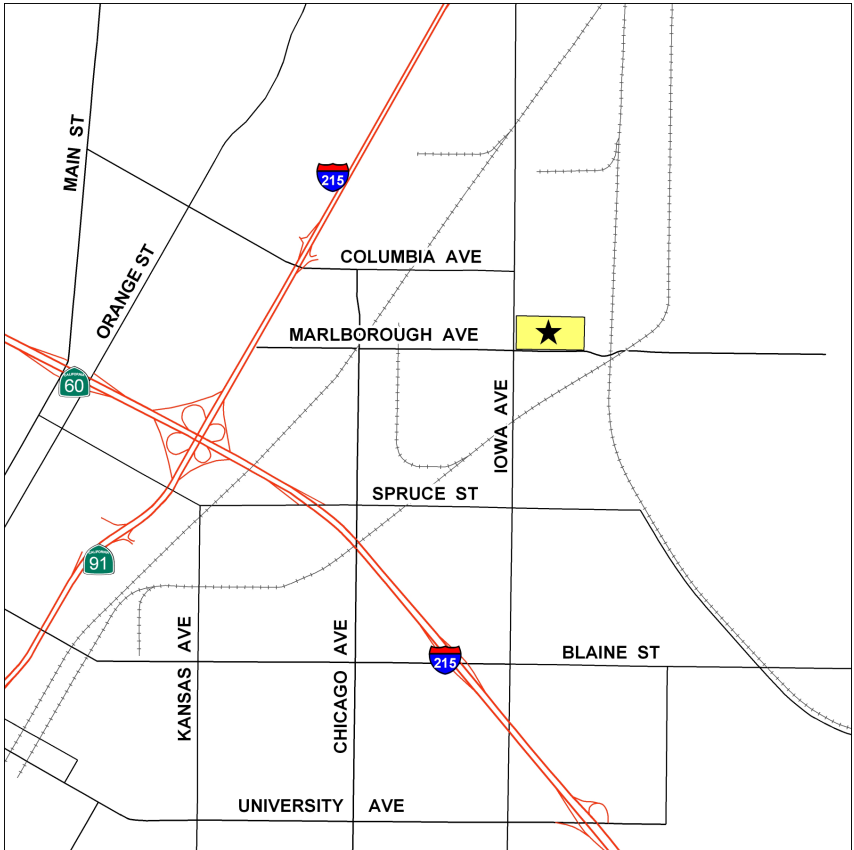
### **WANTED:**

### **Speakers for 2010 meetings!**

With 2010 now here at our door step, we are looking to fill our schedule for this years meetings! If you (or someone you know) would like to speak at an IGS meeting or have any suggestions, please contact Greg Middleton or Steve Mains.

**IGS MEETING LOCATION:**

**LSA Associates, Inc.  
1500 Iowa Ave, Suite 200  
Riverside, CA 92507**



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