

# Inland Geological Society

November 2010

Newsletter of the Inland Geological Society

Volume 26 No. 11

**This Meeting:**

**Thursday,  
November 4<sup>th</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 11/1  
(951) 782-3295  
dlass@  
waterboards.ca.gov**

**In this Issue:**

- November Speaker – Dr. Elizabeth Cochran ..... 1
- Employment Opportunities..... 2
- Upcoming Events/IGS Meeting Schedule..... 3
- Current IGS Officers ..... 4
- **LSA MEETING LOCATION MAP** ..... 4

**November Speaker:**

**Dr. Elizabeth Cochran**

Professor, University of California, Riverside

**Improving Our Understanding of Earthquakes  
Through Community-Driven Data Collection**

Abstract

Dr. Elizabeth Cochran will speak to us today on **Improving Our Understanding of Earthquakes Through Community-Driven Data Collection**. Since 2007, she has been an Assistant Professor of Seismology at University of California, Riverside where she studies include Fault Zone Properties, investigating activity across fault lines. Her current research focuses on distributed computing seismic networks and seismic imaging of fault damage structures. Dr. Cochran received a PhD in Geophysics and Space Physics from the University of California, Los Angeles. Her earlier graduate work has been done at the Scripps Institution of Oceanography, UC San Diego, and UCLA. This basic research of fault lines and earthquakes is all part of an ongoing attempt to understand and predict earthquake activity. We look forward to hearing her describe the new Community based data collection systems and share the wealth of knowledge being learned right here in our own back yard.

*Continued on Page 2*

## Employment Opportunity Senior Geomorphologist

Sequence Staffing is seeking a Senior Geomorphologist to join one of our most respected international environmental and natural resource management firms. Our client is noted for their expertise in water resources management, natural resources management, and permitting and compliance. Of particular interest is their unique make-up within the industry; they employ a strong, integrated team approach to their projects, pairing their scientists with teams of regulatory and natural resource professionals, scientists, engineers, economists, and litigation support consultants. As a result, they're better able to address challenges from multiple angles and identify alternatives that bring real value to multiple parties involved.

With private sector clients predominantly in the energy and power, real estate, water and oil and gas industries, they've built a strong, diversified business well suited to sustain itself in this economy. What's more, they've balanced this work with public sector clients too, working closely on behalf of federal, state and regional/local entities, and American Indian tribes.

Because they're so well respected for consistently delivering sound technical expertise and a methodical approach to developing creative and strategically-focused solutions to complex environmental problems, they've had the good fortune to steadily grow and be rewarded with a healthy list of stable clients. Their expansion has been spurred by targeted business development and recruitment of highly skilled, experienced professionals cohesively working to deliver high-valued services.

Today, they're in need of adding to their team a highly experienced Geomorphologist to participate in leading a wide range of coastal and estuarine projects throughout the Northern California and Pacific Northwest markets.

The ideal candidate would possess 8+ years of experience in the management of delineating erosion, habitat restoration, flood hazard assessment and sustainable infrastructure protection projects. This would include conducting field studies, managing and reviewing data, compiling maps/graphs, writing reports, and preparing presentations for clients as needed. Individuals with a strong background in wood debris transport and sediment experience would be a plus.

In addition, this individual would be expected to participate in a leadership role in the firm's business development and client relationship activities within the region, developing proposals, budgets, project scopes of work and mentoring staff. This would require a degree in Geology, Geography, Water Engineering or a related discipline; a MS degree would be desired.

As you can see this is an excellent opportunity for the right individual seeking a senior level position with a financially and technically strong and stable organization; an operations opportunity with direct responsibility for the success of their group. Because of the nature of this position, it can be based in Seattle, Portland, San Francisco, or Sacramento.

I might add that our client believes their people are the firm's greatest assets and are committed to developing and nurturing these assets by providing a positive and rewarding work experience. An important part of their commitment is offering a very competitive and comprehensive benefits package - one that rewards people financially for their achievements while supporting the unique work life goals and personal well-being of each individual.

Health and insurance benefits include medical, vision, dental, flexible spending accounts, short & long-term disability, term life & optional life insurance, AD&D insurance, and supplemental insurance coverage. Plus, they offer a generous competitive base pay, discretionary bonuses, 401(k) plan and company match, and vacation, holidays and sick leave. Further, in support of their commitment to every employee, they offer tuition assistance, employee referral rewards, mentorship programs, on-the-spot discretionary bonuses, and support with professional memberships and development.

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## 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)

### Groundwater Resources Assoc. of CA

The Groundwater Resources Association of California will be holding a course on *Interpreting Non-Detect Data Correctly* on **November 2, 2010** in Ontario, CA. For more info., visit [www.grac.org/](http://www.grac.org/)

### SME—SoCal Section November Meeting



Mark Smith, CEO of Molycorp, Denver, CO, will be presenting a talk on the "Extracting Rare-Earth Minerals at the Molycorp Mountain Pass Mine" on **Tuesday, November 16, 2010**. For more info., visit

[www.smenet.org/southerncalifornia/](http://www.smenet.org/southerncalifornia/)

### AEG—Inland Empire Section Meeting



Bruce Hilton from Kleinfelder in Sacramento, CA and President of the Association of Environmental and Engineering Geologist (AEG) will be giving a talk on the "Martis Creek Dam—The Discovery of a

New Capable Fault in Tahoe Basin". The meeting will be on **Wednesday, November 10, 2010** at UCR's Earth Sciences Department Courtyard in Riverside, CA. For more info, visit [www.aegsc.org](http://www.aegsc.org)

### South Coast Geological Society meeting



Dr. John H. Foster, Emeritus Professor of Geology, CSU, Fullerton, will be giving a talk on the Cal State Fullerton Archaeological-Paleontological Memorandum of Understanding with the County of

Orange "The Cooper Center" on **Monday, November 1, 2010** at the Doubletree Club Hotel in Santa Ana, CA. For more info., visit [www.southcoastgeo.org](http://www.southcoastgeo.org)

## IGS Meeting Schedule

### **December 1, 2010 (Wednesday)**

Susan Hough, USGS  
*Haiti Earthquake Groundmotion*

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

Bob Reynolds & Lloyd Sample  
*SCE El Casco Substation: Construction excavation monitoring salvages an early Irvingtonian (middle Pleistocene) fauna and flora*

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

TBA

### **March 3, 2010 (Thursday)**

TBA

### **April 6, 2010 (Wednesday)**

TBA

### **May 5, 2010 (Thursday)**

TBA

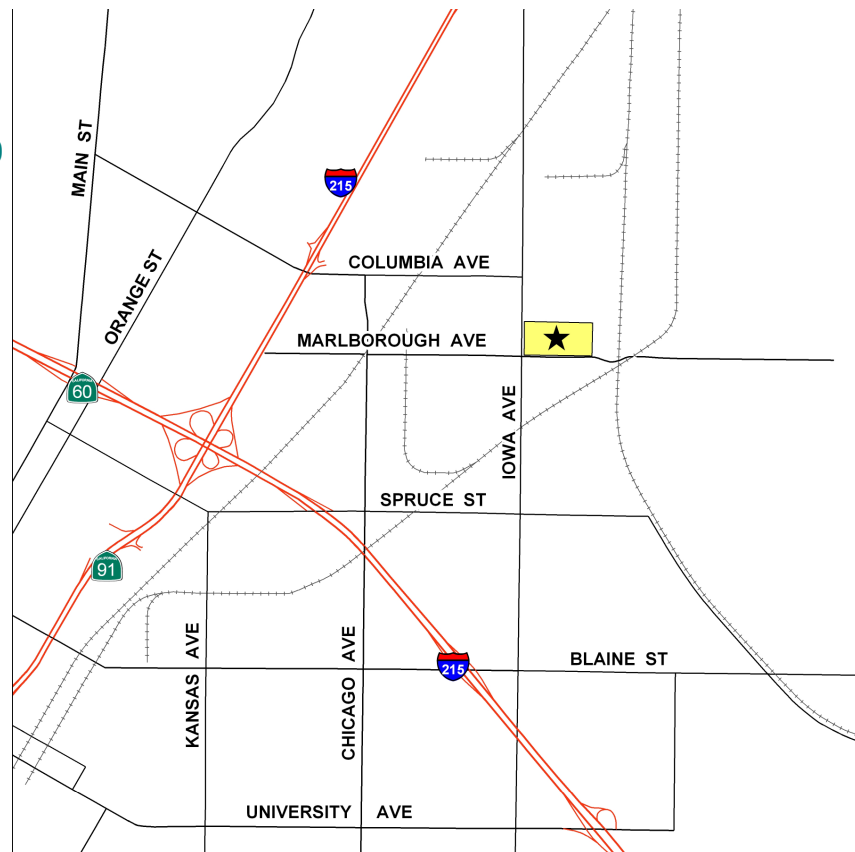
### **June 1, 2010 (Wednesday)**

TBA



**IGS MEETING LOCATION:**

**LSA Associates, Inc.  
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Riverside, CA 92507**

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