

# Inland Geological Society

June 2008

Newsletter of the Inland Geological Society

Volume 24 No. 6

**This Meeting:**

Wednesday,  
June 4th

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 5/30  
(951) 782-3295  
dlass@  
waterboards.ca.gov

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**June Speaker:**

**Greg Middleton PG , CHG**  
Leighton and Associates



## **Geologic and Hydrogeologic Applications in the Restoration and Maintenance of Lakes and Reservoirs**

Abstract

*All lakes – ultimately want to be meadows...*

Lakes and reservoirs serve various functions in urban and rural settings. A feature common to the impoundment of any surface water is its symbiotic relationship to the surrounding groundwater system. Critical to any rehabilitation or maintenance efforts is the systematic approach to the characterization, monitoring and adjustment of and to influences introduced into the surrounding watershed and underlying groundwater system. In the case of reservoir siting, the collection and analysis of surface water and groundwater data prior to the initial siting of the impoundment can prevent the need for expensive rehabilitation and maintenance efforts during its service-life.

This presentation is approached to give the audience a general overview of some of the considerations that the author has come across in project related work over his past twenty years of professional experience.

## ***Biography:***

Mr. Middleton is a Senior Project Geologist with more than 18 years of experience as a professional hydrogeologist, managing personnel, materials, and equipment used in the collection and interpretation of hydrologic and hydrogeologic data. During this time, he has developed particular expertise in the areas of groundwater investigation and monitoring; aquifer testing and characterization; well installation and optimization; and surface water and groundwater characterization. His work related to the scientific support of dredging projects has provided him with experience in the successful application of CWA 401 and 404 permits. Mr. Middleton is the Responsible Managing Employee (RME) for Leighton Consulting Incorporated's State Contractors licenses.

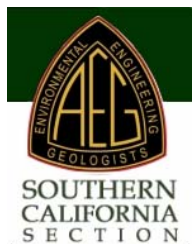


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## Upcoming Meetings/Events

### AEG—Inland Empire Chapter Meeting



“The use of velocity-log data coupled to depth-dependent sample collection techniques from production wells” - Dr. John Izbicki, the meeting will be at Marie Calendars in Temecula, **Wed., June 18, 2008**

For more information, please visit [www.aegsc.org/chapters/inlandempire/](http://www.aegsc.org/chapters/inlandempire/)

### SEPM—Pacific Section Field Trip



In memory of Dr. John Cooper and his scientific contributions to the local area, a one and a half day field trip is planned beginning in Silverado Canyon continuing through to Crystal Cove, **Saturday and Sunday, Sept. 13-14, 2008**

For more information and to RSVP, contact Wayne Henderson at 714.278.2972 or [Whenderson@fullerton.edu](mailto:Whenderson@fullerton.edu)

## IGS Meeting Schedule

### **July 10, 2008 (Thursday)**

George Copenhaver, Geocon  
Geology of the San Diego & Arizona Eastern Railway, San Diego & Imperial Counties, California, USA & Baja California, Mexico

### **August 6, 2008 (Wednesday)**

Dr. John Nourse

### **September 4, 2008 (Thursday)**

Fred Lange, LSA Associates (tentative)  
Desert Depressions, Natural or Man-Made

### **October 1, 2008 (Wednesday)**

TBA

### **November 6, 2008 (Thursday)**

Dr. David Jessey, Cal Poly Pomona  
Basaltic volcanism in the southern/central Owens Valley and its relationship to Neogene tectonics

### **December 3, 2008 (Wednesday)**

TBA

## Employment Wanted

### [Mandy Selders - BA in Geology, CSUSB](#)

951.833.5935 / [geologyhappens@sbcglobal.net](mailto:geologyhappens@sbcglobal.net)

I am graduating June 2008 and am seeking full-time employment. I am interested in working in and gaining experience in any aspect of the geological field. Currently, I am working part-time doing stream flow monitoring at the Arrowhead Tunnel project, however, full-time work is not available at this time. I can provide a resume and a copy of my transcripts upon request.

## Internships Wanted

### [Alonzo Poach - Senior, CSUSB](#)

909.648.1357 / [apoach22@hotmail.com](mailto:apoach22@hotmail.com)

I will be graduating in June 2009 and am looking for summer employment, particularly in hydrogeology, but find any geologic-related industry fascinating. I am a fast learner, a meticulous worker, and have great people skills. I am looking forward to working in industry and look forward to talking to you all.

Geology coursework complete: Historical Geology, Mineralogy and Crystallography, Optical Mineralogy, Igneous and Metamorphic Petrology, Intro to Geologic Mapping, Intro to Hydrogeology, Field Methods in Hydrogeology, Advanced Geologic Mapping, Introduction to Geochemistry, Sedimentary Petrology, Stratigraphy, and Engineering Geology.

### [Randall Morlan - Sophomore, CSUSB](#)

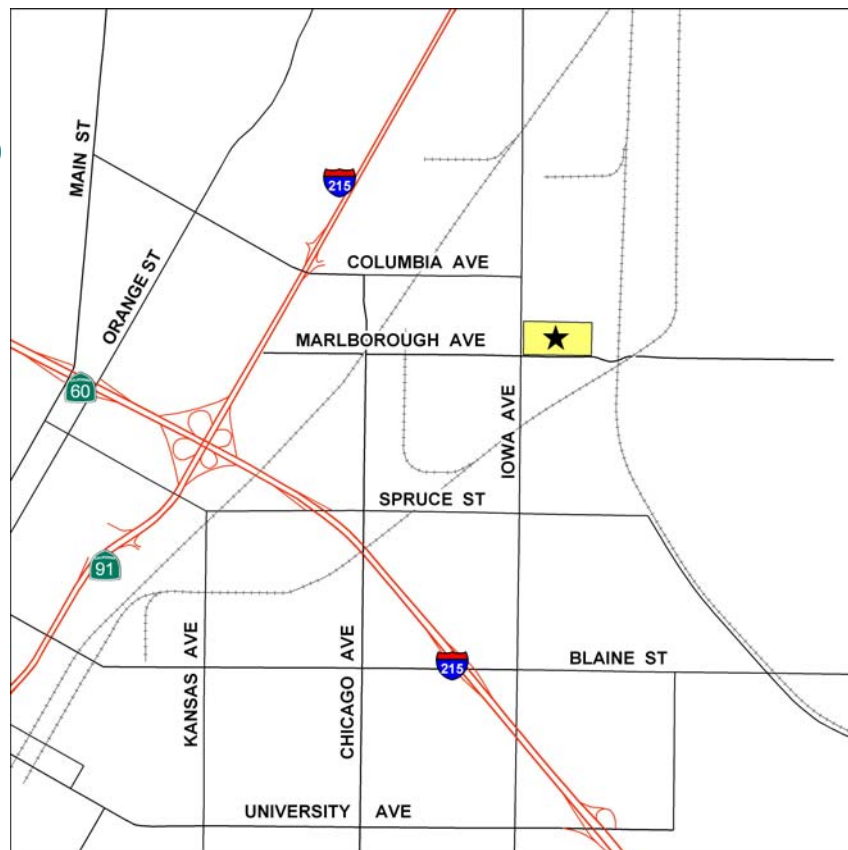
909.327.8075 / [iwantanostrich@gmail.com](mailto:iwantanostrich@gmail.com)

My goal is to become a geologist after I graduate, and I feel that it is important for students to start gaining experience as soon as possible. I would like to find a summer internship in groundwater treatment and/or engineering geology.

Geology coursework complete: Mineralogy and Crystallography, Geology of California, and Geochemistry.

**IGS MEETING LOCATION:**

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

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