

Inland Geological Society

November 2017

Newsletter of the Inland Geological Society

Volume 33 No. 11

Next Meeting:
Wednesday
November 8th

Time:
Social: 6:00pm
Dinner: 7:00pm
Lecture: 7:45pm

Location:
LSA Associates
1500 Iowa Ave
Suite 200
Riverside, CA
92507
(Map on Pg. 5)

Coming to
Dinner?
Please RSVP
by Monday 11/6
(951) 232-0430
rkolenko90@gmail.com

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November Speaker:

Jeff Fitzsimmons, PG
Engineering Geologist, Lahontan Regional Water Quality Control Board

“Preparing for Employment”

Abstract:

Professionals employed within the various disciplines of earth sciences are frequently approached by students and recent graduates seeking information on entering the work force. Areas of inquiry include: employment opportunities, applications, resumes, cover letters, interviews, job expectations, salary, driving records, background checks, et cetera... A negative result associated with any one of the previously mentioned topics will most likely terminate the employment process for an applicant.

This presentation will touch upon all of these topics. The intent of the presentation is not to provide the answers, but rather to offer suggestions for applicants to use (or not use) for the development of their own solutions for navigating the employment process.

Jeff will be joined by a panel of other professionals including Patrice Copeland, Engineering Geologist with the RWQCB Lahontan Region, Greg Johnson, Engineering Geologist with Los Angeles County Department of Public Works, and others.

(continued on p. 2)

(continued from p. 1)

Biography:

Jeff Fitzsimmons joined the State of California Lahontan Regional Water Quality Control Board as an engineering geologist in 2015, and is assigned to the Land Disposal Unit. Mr. Fitzsimmons began his geotechnical career in 1988 with Triad Geotechnical Consultants. After 8 years with Triad Geotechnical Consultants, he worked at The RMA Group for 4 years prior to his employment with John R. Byerly, Incorporated. During his 15+ years with John R. Byerly, Incorporated, his job titles included soils technician, field engineer, field geologist, staff engineer, staff geologist, and senior staff geologist.

Prior to his career in the geotechnical field, Mr. Fitzsimmons served in the United States Army (1985-1988) and the United States Army Reserve (1988-1992), including receiving a diploma as Combat Medical Specialist (91A10) in 1985 from the United States Army Academy of Health Sciences in San Antonio, Texas.

In addition to serving our country and establishing a career in the geotechnical industry, Mr. Fitzsimmons has spent his personal time furthering his education and promoting the geological sciences. He has completed Associate of Science degrees in Natural Sciences and Fire Technology from Citrus Community College (Glendora, CA) in 1984 and Mt. San Antonio Community College (Walnut, CA) in 1991, respectively. In 2008, Mr. Fitzsimmons graduated from California State University, San Bernardino with a Bachelor of Arts degree in Geology. He has served as Vice President for the Inland Geological Society since 2013 and as Vice Chair-North for the Association of Environmental and Engineering Geologists since 2014.

Invitation to Submit Photos

Do you have an interesting photo to share?

IGS will publish photographs submitted by members of **geologic localities or items of interest** in our monthly newsletter. Subjects may include field site geology, field trip localities, mineral specimens, water issues, etc. Be creative! Photos must be your own work product. Submit your exemplary photo with your name, the approximate date and location, and a short (paragraph) description of the photo to any IGS board member for publication in an upcoming newsletter.

Links to Publications

We have been working to update the IGS website! Many interesting publications are available for viewing and download, including articles hosted by Greg Johnson. Check out Greg's Reading Room as well as links to other publications at:

<http://www.inlandgeo.org/library.html>.

**CALIFORNIA DEPARTMENT OF CONSERVATION
CALIFORNIA GEOLOGICAL SURVEY**

www.conservation.ca.gov

**ANNOUNCEMENT OF PRELIMINARY REVIEW MAPS OF
NEW AND REVISED SEISMIC HAZARD ZONES
AUGUST 17, 2017**

Preliminary Review Maps of new and revised Seismic Hazard Zones were released to the cities of Antioch, Belmont, Brentwood, Burlingame, Foster City, Hillsborough, Menlo Park, Murrieta, Oakley, Redwood City, San Carlos, San Mateo, Temecula and Wildomar and the counties of Contra Costa, Riverside and San Mateo by the California Geological Survey (CGS) on August 17, 2017. These maps are released under the authority of the Seismic Hazards Mapping Act that was passed following the 1989 Loma Prieta earthquake. The Seismic Hazards Mapping Act is a state law designed to reduce the hazards from soil liquefaction and landslides during an earthquake.

Seismic Hazard Zones are regulatory zones that encompass areas that have a potential for future ground deformations caused by liquefaction or landslides. The index maps below (Figures 1 and 2) show the general location of maps delineating the preliminary Seismic Hazard Zones within the affected counties.

Review Comment Period

The August 17, 2017 release date begins a 90-day public comment period designed to provide the opportunity for cities, counties, state agencies, and the public to provide technical review comments to the State Mining and Geology Board that may have a bearing on the proposed Seismic Hazard Zone maps. Comments should be sent to the State Mining and Geology Board before November 17, 2017. Comments should be addressed to:

Jeffrey Schmidt, Executive Officer
State Mining and Geology Board
801 K Street, MS 20-15 Sacramento, CA 95814
(916) 322-1082
smgb@conservation.ca.gov

The State Mining and Geology Board will hold a public hearing near the end of the 90-day review period. For more information on the date and location of the public hearing, contact the State Mining and Geology Board.

**Student
Scholarship and Grant
Opportunities**

Students: Start searching scholarship and grant opportunities NOW for upcoming funding!

Many professional organizations offer travel grants to meetings, as well as scholarships and grants for research. Currently, the Geological Society of America advertises undergraduate and graduate opportunities with submittal dates beginning December 1st. Start researching these opportunities to determine which may be a fit for you!

Get Your IGS Coffee Mug!

IGS will now be selling IGS coffee mugs at the monthly meetings. They will be on sale for \$10.



Upcoming Meetings/Events

Inland Geological Society

The Inland Geological Society typically meets the first Wednesday or Thursday of each month. Our December meeting will be held on Wednesday, December 6th. For more information, visit our website at www.inlandgeo.org.

South Coast Geological Society



Monthly dinner meetings are typically the 1st Monday of the month. In November, the SCGS has a field trip planned for Fri., Nov. 3, through Sun., Nov. 5, to Mecca Hills. For more information, visit the association

website at www.southcoastgeo.org.

AEG—Southern California Section



The next meeting of the AEG—Southern California Section has not been announced yet. For more information, visit the association website at www.aegsc.org.

AEG—Inland Empire Chapter



Monthly dinner meetings are typically the third Wednesday of the month at Pinnacle Peak Steakhouse, 2533 S. La Cadena Drive, Colton. The November meeting has not been announced yet. For more information, visit the association website at

www.aegsc.org/chapters/inlandempire.

San Diego Association of Geologists



The November SDAG meeting will be held on Tuesday, November 14th at Phil's BBQ in Point Loma. Pat Abbott will be the featured speaker. For more information, visit the association website at www.sandiegogeologists.org.

Los Angeles Basin Geological Society



Monthly lunch meetings are typically the 4th Thursday of the month from 11:30 am to 1:00 pm at the Willow Street Conference Center, 4101 E. Willow Street, Long Beach. The next meeting of the Los Angeles Basin Geology Society has not been announced

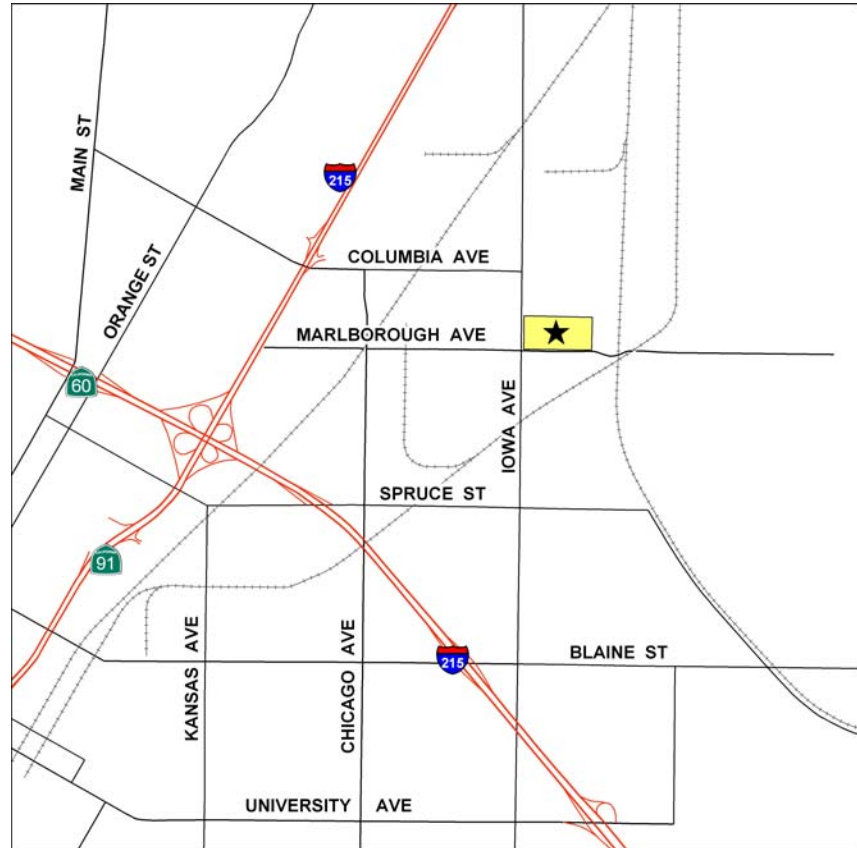
yet. For more information, visit the association website at www.labgs.org.

Rock & Gem Shows—various locations

Various rock and mineral shows will be held throughout southern California. To find one near you, visit www.rockngem.com, then select the Show Dates tab.

IGS MEETING LOCATION:

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

**2016/2017 IGS OFFICERS****President**

Greg Johnson
LA County DPW
gjohnson@dpw.lacounty.gov
626.458.1741

Treasurer

Margaret Gooding
LSA Associates
Margaret.gooding@LSA.net
951.781.9310 x279

Newsletter Editor

Alice Orton
Geocon West, Inc.
orton@geoconinc.com
951.401.3949

Co-Vice President

Jeff Fitzsimmons
Lahontan RWQCB
geojeff08@att.net
951.212.5018

Secretary

Rachel Kolenko
rkolenko90@gmail.com
951.232.0430

Web Master

Scott Orton
Consultant
scottorton@hotmail.com
951.505.6547

Co-Vice President

Debbie Kunath
Consulting Geologist
Debbie_Kunath@ymail.com
760.885.0232

Membership Chairman

Kirby Roucher
Independent Contractor
inlandgeologicalsociety@gmail.com
951.522.5318