

July 2018

Newsletter of the Inland Geological Society

Volume 34 No. 7

Next Meeting:
No July Meeting

Watch for information regarding our August 2018 meeting in the next newsletter.

<u>In this issue:</u>	
• Announcements	1-2
• Upcoming Events	3-4
• Current IGS Officers	4



In honor of the July 4th Independence Day holiday, IGS will forego its regularly scheduled first-week monthly meeting. Monthly meetings will resume the first week of August. Watch this space for further information.

Enjoy a safe and relaxing holiday!

Your Summer Reading List

Take a break on your next lazy summer day to catch up on some reading! Here is a list of recent articles to broaden your horizons and stir your imagination:

Mapping beach changes after devastating Montecito debris flow (USGS; March 26, 2018)
<https://www.usgs.gov/news/mapping-beach-changes-after-devastating-montecito-debris-flows>

New insight into how Giant's Causeway and Devils Postpile were formed (Science Daily; April 12, 2018)
<https://www.sciencedaily.com/releases/2018/04/180412085715.htm>

Could you be a scientist? Celebrating USGS women (USGS; undated)
<https://www.usgs.gov/news/could-you-be-a-scientist>

Probabilistic estimates of ground motion in the Los Angeles basin from scenario earthquakes on the San Andreas fault (Geosciences; April 6, 2018)
Kinematic source inversions of past earthquakes in the magnitude range of 6–8 are used to simulate 60 scenario earthquakes on the San Andreas fault. The unilateral rupture scenario earthquakes are hypothetically located at six locations spread out uniformly along the southern section of the fault, each associated with two hypocenters and rupture directions. Read more at <http://www.mdpi.com/2076-3263/8/4/126/htm>.

USGS rolls out groundbreaking earthquake study: The HayWired earthquake scenario (USGS; April 18, 2018)
On April 18, the USGS, along with approximately 60 partners, released a new fact sheet that summarizes a report from a larger study of what could happen during a major earthquake in the San Francisco Bay area along the Hayward Fault — arguably one of the most urbanized and interconnected areas in the nation. This study is called "The HayWired Earthquake Scenario." Read more at https://www.usgs.gov/news/usgs-rolls-out-groundbreaking-earthquake-study-haywired-earthquake-scenario?qt-news_science_products=1#qt-news_science_products.

Congress passes FY 2018 omnibus with record funding of geoscience agencies (AGI Summary; March 23, 2018)
On March 23, Congress passed a \$1.3 trillion spending bill. The bill included record funding for some science agencies. Highlights of the bill for geoscience include:

- U.S. Geological Survey (USGS): \$1.148 billion — 6 percent increase from FY2017
 - Bureau of Land Management (BLM): \$1.33 billion — \$79 million increase from FY2017
 - National Oceanic and Atmospheric Administration (NOAA): \$5.9 billion — 4 percent increase from FY2017
- For a full breakdown of the spending bill's impact on the geoscience industry, read more at <https://amrms.app.box.com/s/54wye0j97gg1laxj2ercda71277k03z1>.

Successfully resisting the repeal of Illinois' Professional Licensing Act—the Chicago way (AEG Licensure Committee; January 24, 2018)
<https://amrms.app.box.com/s/xj56hatk95esvgri2hmqwxias3naz77j>

Upcoming Meetings/Events

Inland Geological Society

The Inland Geological Society typically meets the first Wednesday or Thursday of each month. We will take hiatus in July to accommodate the Independence Day holiday. Our August speaker will be Christopher Gentile, "Spatio-Temporal Relationships of Rock Avalanches in San Antonio Canyon, San Gabriel Mountains, CA". Watch for the August newsletter for information about our next meeting. For more information, visit our website at www.inlandgeo.org.

South Coast Geological Society



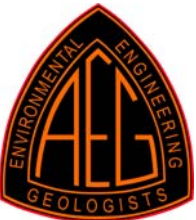
Monthly dinner meetings are typically the first Monday of each month. The July meeting has not been announced yet. For more information, visit the association website at www.southcoastgeo.org.

AEG—Southern California Chapter




The AEG—Southern California Chapter typically meets the second Wednesday of each month at Victorio's Ristorante in North Hollywood. The July meeting has not been announced yet. For more information, visit the association website at www.aegsc.org.

AEG—Inland Empire Chapter



The AEG—Inland Empire Chapter typically meets the third Wednesday of each month at Pinnacle Peak Steakhouse, 2533 S. La Cadena Drive, Colton. AEG-IE will take hiatus in July. Visit the association website at www.aegsc.org/chapters/inlandempire for more information.

San Diego Association of Geologists



Meetings are usually held the third Wednesday evening each month. Student presentations will be given in July. 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 July meeting has not been announced yet. For more information, visit the association website at www.labgs.org.

Get Your IGS Coffee Mug!

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



More Upcoming Events

AEG Annual Meeting

Registration is now open for the AEG Annual Meeting to be held September 15-23, 2018, in San Francisco, California. For more information and to register, read more at <https://www.aegannualmeeting.org/>. As part of this year's conference, a four-hour workshop will be offered for grade 4-12 teachers looking for new and exciting material for the classroom. For more information on the workshop, read more at <https://amrms.app.box.com/s/qp9h013r4mopswdyldamhdr28tfz25z>.

International Petroleum Environmental Conference (IPEC)

The 25th IPEC will be held from October 30-November 1, 2018, in Denver, Colorado. Abstracts and registration are now being accepted. For more information, read more at <https://cese.utulsa.edu/ipec-conference/>.

Your participation is requested!

Ongoing threats to licensure (AEG; April 19, 2018)

The Idaho "Licensing Freedom Act" requires state agencies to conduct an assessment to determine if licensure requirements are necessary and in the public interest. The executive order can be found at <https://gov.idaho.gov/mediacenter/execorders/eo17/EO%202017-06.pdf>, in addition to a press release from the governor's office at <https://lgo.idaho.gov/wp-content/uploads/sites/13/2017/05/Lt.-Governor-Little-Release-Licensing-Freedom-Act.-5.19.2017.pdf>. Idaho is now seeking comment from the public. Comments can be left at <https://lgo.idaho.gov/freedomact/>, or mailed to Office of the Lieutenant Governor, State Capitol, PO Box 83720, Boise, ID 83720.

IGS OFFICERS

President

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

Co-Vice President

Jeff Fitzsimmons
Lahontan RWQCB
geojeff08@att.net
951.212.5018

Co-Vice President

Debbie Kunath
Consulting Geologist
Debbie_Kunath@ymail.com
760.885.0232

Treasurer

Margaret Gooding
mgooding@roadrunner.com
909.434.5377

Secretary

Jessie Bagby
CSUSB Undergraduate Student
rsvp.igs@gmail.com
951.551.7804

Membership Chairman

Kirby Roucher
Independent Contractor
inlandgeologicalsociety@gmail.com
951.522.5318

Newsletter Editor

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

Web Master

Scott Orton
Consultant
scottorton@hotmail.com
951.505.6547