February 2015 Meeting Announcement

“The 2014 South Napa, California earthquake: a complex event on an (almost) unknown fault”

Gareth Funning
Professor, UC Riverside

Wednesday, February 18, 2015
5:30 – Social 6:30 – Dinner 7:30 - Program

Location
Cask ‘n Cleaver in Riverside
(Meeting Cost $30 with RSVP; $35 without RSVP; Students $15 with proof of student ID);

See meeting details on pages 3 - 7

RSVP to desmond.chung@geobrugg.com by 5:00pm, Monday February 16, 2015
January’s intended presentation by Desmond Chung, “Dirt Can Hurt” which highlights Geobrugg’s research and development of products to reduce and/or mitigate the potential of rockfall and debris flow hazards was sadly cancelled. This was because we had only 2 reservations for the meeting. However, rather than lose the venue, the AEG Inland Empire Chapter held an officer’s meeting at Marie Calender’s in Corona as all officers were in attendance. In addition, Mark Spykerman of EarthSystems was also asked to attend the meeting for additional ideas and input. Thank you, Mark, for attending and contributing to the meeting.

Considering the cancellation of the presentation due to the limited number of reservations, ideas and discussion on how to increase attendance was the primary topic. At this point, I want to thank the Chapter Secretary, Shaun Wilkins from Petra, for taking and summarizing the notes. Topics regarding attendance that were discussed included meeting locations and alternate venues with reduced costs, student pricing for meetings, and seeking sponsorships to help subsidize meeting expenses. With regards to attracting students to the meetings, we discussed various incentives along with reaching out to Geology Department secretaries to make sure they are on our newsletter distribution list and communicating better with the numerous Community colleges throughout the area regarding our meetings and events. In the end, there were many good ideas put on the table which will be evaluated further, and possibly implemented, in the coming months.

Other secondary (but also important) topics that were discussed included our upcoming field trip in the Spring, our Short Course in the Summer (with the possible addition of a poster session for each), along with other ideas such as social events to build camaraderie not only among members of AEG but also among professionals and students. Granted there were a lot of ideas and concepts discussed at the officer’s meeting that will need to be investigated further to evaluate their feasibility before being implemented. As Chair, I look forward to working with the other officers and members in putting some or all of these ideas onto motion to see where they take us. All we can do is try.

Best regards,
Greg Johnson, Chair
AEG Inland Empire Chapter

Note from the Editor

SPONSOR! SPONSOR! SPONSOR!
We are looking for companies to sponsor our meetings so more students can get involved by attending for free. So help the students out while you market your business. Email me for more information.

Members, if you have any announcements, please email me the information by the 25th of the month. Otherwise the information will be put into the following month’s newsletter. Thank you, and I look forward to seeing you at the next event.

Desmond Chung
AEG_IE Newsletter Editor
INTRODUCTION
On August 24, 2014, a M 6 event struck the city of Napa in the northern San Francisco Bay Area, rupturing multiple parallel strands, several previously unidentified, of the West Napa fault. The complexity of the rupture grew with time, as did the surface ruptures – significant shallow afterslip following the event necessitated repeated repairs to roads, and in some places caused more damage than the earthquake itself. Many rich geologic, geodetic and geophysical datasets were collected in the aftermath, some within hours of the mainshock. I will describe what is currently understood about this complex event, and my own contributions to the post-event response.

SPEAKER BIOGRAPHY
Gareth Funning, Professor UC Riverside
Gareth Funning is an Associate Professor in Geophysics at the University of California, Riverside. His research focuses on modeling the movement and loading of active crustal faults as observed by space geodesy (InSAR and GPS) and seismology. The high density of active crustal faults in California, compared with his native England (where he completed his PhD at Oxford in 2005), lured him over the Atlantic to work here, first as a Lindeman Postdoctoral Fellow at Berkeley, and then at UCR, where he has been on the faculty since 2007.
AEG-IE February Meeting Details

**Date & Time**
Wednesday, February 18, 2015.
- **Social hour** 5:30 to 6:30,
- **Dinner** 6:30 to 7:15
- **Announcements** 7:15 to 7:30
- **Talk and Q&A** 7:30 to 8:30

**Location**
Cask ‘n Cleaver
1333 University Avenue
Riverside, CA 92507

**Meal**
- Top Sirloin Steak
- Teriyaki Chicken
- Atlantic Salmon

*Non Alcoholic Drinks included

**Cost**
- $30 with RSVP
- $35 without RSVP
- $5 per student with proof of valid student ID

**RSVP**
desmond.chung@geobrugg.com  Deadline is Monday February 16, 2015.
Individuals who RSVP but do not attend may be charged if the final attendance does not meet the restaurant guarantee.

**Directions:**

**From I-215 Heading South:**
1. Exit University Avenue and turn Right.
2. Destination will be on the Right (1333 University Avenue).

**From I-215 Heading North:**
1. Exit University Avenue and turn Right.
2. Destination will be on the Right (1333 University Avenue).

AEG-Inland Empire Section: TBD
For more information visit: http://www.aegsc.org/chapters/inlandempire/


For more info visit: http://www.asce-sbriv.org/asce_new/calendar.html.

ASCE: (San Diego County Branch). February 24, 2015 (Tuesday). Topic: General Section Meeting – Joint meeting with EERI
For more info visit: http://www.asce-sd.org/

EERI: (San Diego). February 24, 2015 (Tuesday). Topic: Joint meeting with ASCE – SD
For more info, visit: http://sandiego.eeri.org/

GRA: See Website for Meetings. For more info, visit www.grac.org/

IGS: March 5, 2015 (Thursday). Topic: TBD. Speaker: TBD.
For more info visit: http://www.inlandgeo.org/

LA Basin: February Meeting TBD (Thursday)
For more info visit: http://www.labgs.org/

SCGS: March 2, 2015 (Monday). Topic: “TBD” Speaker: Dr. Greg Holk, CSULB.
For more info visit: http://www.scgs.org/.

SME: February Meeting TBD. For more info visit: http://www.smenet.org/SouthernCalifornia/

SDAG: February 18, 2015 (Wednesday). Topic: “Calcite” Speaker: Chuck Houser, SCS Engineers
For more info visit: http://www.sandiegogeologists.org/index.html
2015 membership dues: If you have not renewed your AEG membership for 2014 please take a moment to do so. Membership can be renewed easily and securely at www.aegweb.org. We thank you if you have already renewed your membership for 2015.
· You find value in our conferences - both Annual Meetings and Specialty Conferences - and in the technical knowledge and continuing education you receive at these meetings.

· You appreciate networking opportunities in local settings, at Section meetings, and at national conferences. With over 3,000 members, AEG provides you with access to a wide network of Environmental and Engineering geology professionals.

· You love our publications - the AEG NEWS, the Environmental & Engineering Geoscience Journal, and the AEG Insider - with their relevant geoscience information, updates on AEG activities, and engaging scientific interest stories.

With benefits like these, of course you want to be part of AEG! And we encourage you to spread the word - talk to your co-workers, classmates, and friends about AEG and all it has to offer.

Remember:

· Student Membership is FREE

· Graduating students receive their first year of full membership for FREE as our Graduation Gift to you (Contact aeg@aegweb.org to receive your gift)

· New Membership is just $95 (First Year of Membership only)

· If you have - thank you! Full members receive discounted registration for Annual Meetings and Specialty Conferences

If you have any questions regarding your membership status or would like to Join or Renew today, please call AEG Headquarters at 303-757-2926 or email AEG@aegweb.org.