January 2015 Meeting Announcement

“DIRT CAN HURT: Utilizing Flexible Solutions”

Desmond Chung
Geobrugg North America
Southern California Solutions Specialist

Wednesday, January 21, 2015
5:30 – Social  6:30 – Dinner  7:30 - Program

Location
Marie Calendar’s in Corona
(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 January 19, 2015
First and foremost, I wanted to take this opportunity to thank Thom Deane of Deane Consulting, Inc. for his presentation “Effects of Debris Flow and Superposition of Seasonal Spring Flow on Multi-Year Variable spring Base Flow Conditions at Ruby Springs, OMYA Inc’s White Knob Mine, Lucerne, CA” at our December 2014 meeting. We had a turnout of at least 13 at the Cask ‘n Cleaver in Rancho Cucamonga with no less than 3 students representing Cal State San Bernardino. Thom admitted that he made some editorial changes to this talk in order to pare down the time from a similar presentation at Inland Geological Society a few months ago. After the formal presentation, he provided an added bonus of pictures on the effects of debris flows from recent heavy rain events in the Forest Falls/Mill Creek area, where he maintains a residence. All in all, a very good evening of geologic and hydrogeologic information with some oohs and aahs thrown in at the end.

If I were to offer a one-word critique of my first meeting as Chair of the AEG Inland Empire Section, I would say it was “tentative”. Not because I have any concerns in speaking in front of a group but, only because I’m unfamiliar with the standard or normal protocols for getting a monthly AEG meeting off the ground. Every organization does it a little bit differently and I want to thank the AEG Officers in attendance for their comments and directions. I’m sure I’ll quickly become more comfortable in opening and closing our monthly meetings.

In attending monthly AEG meetings (or any meeting for that matter), I always enjoy the varied before-dinner conversations that spring up. I thought I would take a moment to expand on the potential changes in the AEG governance structure brought up by Kerry Cato. In reading the article “Constitutional Vote and Governance Restructure” by AEG National President Ken Fergason in the December 2014 issue of AEG News, AEG members voted for 2 changes to the AEG constitution. One eliminates “the requirement that a Section Chair must also serve as a Director of the Association” and the other reduces “the number of Section-based Directors from 25 to 10-12 regional-based Directors...”. These changes have not yet been implemented as they are contingent on revisions to AEG’s bylaws that are under review. According to the article, the move to a more regional model will have “little to no effect on how AEG functions at a local level,...” and the Sections and Chapters (us) can “continue to meet however works best for them, regardless of regional boundaries.” I’m not familiar with the history of this issue and I’m not sure what all this means to the Inland Empire Chapter but, if I understood the discussion at the meeting correctly, it could mean an upward change in the status of our Chapter. I look forward to further discussion of these changes at upcoming meetings (so I can understand them better) and what they might mean to the Inland Empire Chapter of AEG.

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
Hard facing is most commonly used to stabilize slopes. However, through technology, there are 2 additional options known as soft facing and flexible facing. Desmond will touch on Hard and Soft facings, but mainly focus on Flexible facings. He will discuss the engineering, testing, and computer programs Geobrugg uses and provides to engineers and contractors. He will also discuss several local projects in which Flexible Facing was utilized.

SPEAKER BIOGRAPHY
Desmond Chung, Solutions Specialist
Desmond graduated from Cal Poly Pomona with a Civil Engineering degree. He worked in the Civil Engineering industry for over 6+ years doing design within Land Development, Highway Transportation, and Public Works. Now he is in the Geohazard industry protecting people and property from potential landslides, rock falls, debris flow, and mining issues.
AEG-IE January Meeting Details

Date & Time       Wednesday, January 21, 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          Marie Calender’s
                   160 East Rincon Street
                   Corona, CA 92879

Meal              - Fish and Chips       - Home-Style Meatloaf
                   - Roasted Turkey        - Caesar Salad
                   - Cornbread            - Various Pies
                   *Non Alcoholic Drinks included

Cost              $30 with RSVP
                   $35 without RSVP
                   $15 per student with proof of valid student ID

RSVP              desmond.chung@geobrugg.com   Deadline is Monday January 19, 2015.
                   Individuals who RSVP but do not attend may be charged if the final attendance does not meet the restaurant guarantee.

Directions: From CA-91 Heading East:
1. Exit Main Street and turn Left.
2. Turn Right onto East Rincon Street.
3. Destination will be on the Right (160 East Rincon Street).

Directions: From CA-91 Heading West:
1. Exit Main Street and turn Right.
2. Turn Right onto East Rincon Street.
3. Destination will be on the Right (160 East Rincon Street).
AEG-Southern California Section: January 14, 2015 (Wednesday). Topic: “Someone is Paying Me to Do This! The Geologic, Geohazard, and Geotechnical Field Investigation for the Hoover Dam Bypass Bridge” Speaker: Ken Fergason, PG (AZ). For more information visit: http://www.aegsc.org/

AEG-Inland Empire Section: February 18, 2015 (Wednesday). Topic: TBD Speaker: Garreth Funning – Professor of Geologic Sciences UCR. For more information visit: http://www.aegsc.org/chapters/inlandempire/


ASCE: (San Diego County Branch). January 27, 2015 (Tuesday). Topic: General Section Meeting For more info visit: http://www.asce-sd.org/

EERI: (San Diego). January meeting TBD. For more info, visit: http://sandiego.eeri.org/

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


SCGS: January 12, 2015 (Monday). Topic: “10,000 Years of Summer vs. Winter Influence on Mojave Hydroclimates Where and What Time?” Speaker: Dr. Matthew Kirby. For more info visit: http://www.scgs.org/

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

**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 2014.

The California Division of Safety of Dams (DSOD) anticipates hiring two full-time Engineering Geologists in early 2015. The positions are within the DSOD’s Geology Branch, which independently characterizes geologic conditions for safety-related engineering analyses, and reviews plans and specifications for new dams and seismic stabilizations. The positions are based in Sacramento, California with some statewide travel to dams and dam sites required. Travel is typically a single day or overnight trips and occurs several times a month. The salary range for an Engineering Geologist is $4,608 to $8,675 per month, plus retirement contribution and benefit package. The possession of a valid certificate of registration as a geologist or geophysicist issued by the California Board of Geologists and Geophysicists is required to start at the highest journey level salary.

A Bachelor’s degree in geology, engineering geology or closely related field is required. The candidate should have significant technical experience in dams or similar engineering structures. Due to the specialized nature of the work, we are seeking candidates with significant experience in subsurface exploration, characterization of the geologic conditions and ground motion estimation for engineering analysis along with knowledge of dam design and construction practices in response to geologic conditions. Possession of a Professional Geologist license and a Certified Engineering Geologists license is highly desirable.

If you or any one you know is interested in this challenging opportunity for engineering geologists please take the online exam at https://jobs.ca.gov/Bulletin/Bulletin/Index?examCD=9PB02 to gain list eligibility and monitor our job opportunity bulletin for vacant positions at http://www.water.ca.gov/hro/dwr_job_vacancies.cfm.
AEG MEMBER BENEFITS

- 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.