



ASSOCIATION OF ENVIRONMENTAL & ENGINEERING GEOLOGISTS
Southern California Chapter
"Connecting Professionals, Practice, and the Public."

NEWSLETTER –4th Quarter 2019

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Visit the Southern California Chapter Website: www.aegsc.org

Newsletter Editor – Marissa Meredith, mmeredith@rmageoscience

Greetings, members! We kicked off 2020 this year with a presentation from former AEG SoCal Chair, Shant Minas. Looking forward, we are pleased to be hosting Matt Hacker of the Metropolitan Water District this February. Our March meeting will be led by our current AEG Chair, Matt Pendleton. In April, we will be hosting our annual Student Night. Please read on for further details!

Regional Director's Column

By Darrin Hasham

January 31, 2020

Greetings, I'm sure that most of the Sothern California membership already know me, after my tenures as Secretary, Vice Chair, and Chair of the section for the past 6 years or so, but I wanted to re-introduce myself as your Regional Director. It is an honor to have the opportunity to continue to serve you and AEG. I felt I was just hitting my stride as Chair when I relocated to San Luis Obispo County and stepped out of that role. When Eldon Gath's term as Regional Director was coming to an end I saw an opportunity to continue to contribute to the local EG community and the profession, as I felt like I still have something to offer.

Your Regional Director (RD) is elected for a two-year term; my term began at the 2019 annual meeting in Asheville, North Carolina. My replacement will assume the responsibilities at the 2021 annual meeting in El Paso, Texas. The RD is a relatively new role in the organization that was created to reduce the number of directors on the board of directors (BOD), which used to be comprised of all Chapter Chairs, or technically, "Section Chairs." The reduction was to make it easier to achieve a quorum at BOD meetings and to reduce the cost of the mid-year meetings. The BOD meets 2 times a year as stipulated in our articles of incorporation. AEG is incorporated as a non-profit organization in California. One meeting is at the annual meeting and a second is approximately in March of each year. We also plan to have conference calls to fill in the gaps between biannual meetings. The calls will primarily provide the opportunity to close out or check the status of action items assigned at the meetings.

During my tenure I will participate in AEG's business decisions that include our relationships with other aligned organizations like the IAEG, GSA, and AGI; planning related to upcoming annual meetings in Portland Oregon in 2020, El Paso Texas in 2021, and Las Vegas in 2022; the *Environmental & Engineering Geoscience* publication, which is published jointly with GSA; and other miscellaneous business. Currently a significant item for our consideration is replacing our management company, AMR, with whom we will not be renewing our contract for 2020.

At the last BOD meeting in September there were several items of business that will affect the operations of the individual Chapters. These include a revised Field Trip Waiver Form that was revised to stipulate that non-member guests must abide by the same code of conduct as members. A revision to the financial reporting by chapters to headquarters that will require providing monthly bank statements and quarterly financial reports. Previously financial reports were provided annually. These changes are mandated by the new tax code initiated by the current federal administration and

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each Chapter will also need to execute a Chapter Affiliation Agreement annually that is all about preserving the integrity of the AEG brand.

I would like to thank the membership of the chapters in this region, Southern California and Inland Empire, and especially the volunteers that make all the activities possible. I know that sometimes it can be difficult to carve out the time needed to support AEG with all our other work and family responsibilities. So please, as you walk in the door and sign in for your next meeting say thanks to the people that are running the meeting, your smile and maybe a handshake will make the time and effort worthwhile. I know that they are planning some very informative and enjoyable meetings for you in 2020.

I have said many times at meetings that this is our organization and it is what we make of it. Everyone should look for an opportunity to participate. Even if participation is just attending meetings this still adds to the vitality of the group. If more people attend meetings then someone might think it is worthwhile to step into leadership, with more people in leadership we can have more or better field trips or short courses, with better field trips and short courses we have more participation and it goes and goes. So please, participate in any way that you can.

Darrin Hasham

Region 2 Director

Chair's Column

By Matt Pendleton

January 31, 2020

My name is Matt Pendleton, and I want your help to create an awesome Southern California Chapter. Our upcoming monthly meetings are spanning both the environmental and engineering geology realms, and we are continuing collaborations with other organizations such as the South Coast Geological Society, San Diego Association of Geologists, Groundwater Resources Association, and CalGeo. Your help is needed to make this a thriving chapter. Please encourage your peers to come out to our events, learn about AEG membership benefits, and recruit new members. All we need is your active participation to keep this organization alive. I'm working closely with our fellow officers and I think we're set-up for an awesome 2020, and I'm looking forward to meeting you all. Thanks for your participation!

Memories from the Past Year



Enjoying a meal prior to Darrin Hasham's presentation on Mined Wine Caves in Paso Robles for our August meeting.



AEG SoCal chairs past and present. Darrin Hasham (right) and Mathew Pendleton (left) confer prior to presentation.



Treasurer, Alison Franco (far left), and Secretary, Christopher Amador-French (far right), socializing at Victoria's Ristorante in North Hollywood.



We were lucky enough to jointly host Janis Hernandez with our sister chapter in the Inland Empire this past November.

Home Fronts

2019 California Building Code Update

This past year your local AEG SoCal chapter sponsored a Continuing Education Series on the 2019 California Building Code Update to go into effect this January 2020. Presenters included Mr. Brian Olson of the California Geological Society, Mr Chase White of the California Geological Society, Dr. Jorge Meneses of RMA Consultants and Mr. Jim Pearson of Brandow and Johnston. The event was heavily attended and considered a great success. We look forward to further collaborations with the Inland Empire Chapter in the future.

Young Geoprosessionals Networking Mixer

In October of 2019 AEG SoCal hosted its first ever networking mixer for young geoprofessionals. Both young professionals and those with ample experience were in attendance. Your leadership team looks forward to arranging more of these mixers in the future to allow for networking opportunities in a more intimate setting.

Trona-Ridgecrest Earthquakes

This past July, the geosciences professional community was rocked by the Ridgecrest Earthquake Sequence. Our sister chapter (AEG Inland Empire) hosted a talk in August from the perspective of San Bernardino County led by Frank Jordan (San Bernadino County Engineering Geologist) and Miles Wagner (San Bernadino County Office of Emergency Services). In November, AEG SoCal and AEG Inland Empire jointly hosted Janis Hernandez of the California Geological Survey for a presentation on the overall earthquake response by geologic teams, surface rupture characteristics and slip measurements compiled to date for both Mw 6.4 and Mw 7.1 earthquake events, including an overview of data collection methods.

AEG 2020
Hazards in Hindsight
Lessons for the Future

Association of Environmental & Engineering Geologists 63rd Annual Meeting

Portland Oregon at the Marriot Downtown Waterfront
September 15-20, 2020
Aegannualmeeting.org

Technical Sessions and Symposia

Technical Sessions:

Complexity in Modern Engineering Geology
Emerging Contaminants
Environmental Characterization and Remediation
Geologic and Geotechnical Site Characterization
Geologic Hazard Mapping
Geological Engineering of Transportation Projects
Groundwater & Karst
Geophysical Case Studies
Hydrogeology and Groundwater Investigations
Mine Reclamation and Geologic Materials
Risk-Based Methodology for Geologic Applications
Rockfall Mitigation
Seismic Hazards – Investigation and Mitigation / Mapping
Transportation and Infrastructure Projects
Vapor Intrusion

Proposed Symposia:

Dams and Levees: Hazards in Hindsight
Geotechnical Asset Management: Change Detection, Asset Management, and Technology
Environmental Characterization and Remediation
Cascadia Subduction Zone: Associated Hazards and Mitigation
Part 1: Preparedness, Policy, Readying infrastructure
Part 2: Applied Earthquake Design and Case Studies
Geologic Aspects of Alternative Energy Sources
Our Neighboring Volcanoes: Hazards, Case Studies, and Lessons Learned
Engineering Geology for Tunnels and Underground Construction
Landslides and Society: Hazards, Risk and Communication
Part 1 Technical Advances in Applied Landslide Science
Part 3 Landslide Mitigation, Policies, and Case Studies
Naturally Occurring Asbestos: Hindsight in 2020 and Lessons for the Future
Coastal Hazards
Geophysics

**Call for
Technical Papers**
Abstract Deadline: May 1, 2020
Online submittal to be announced

AEG SoCal Tentative Schedule for 2020

The following schedule is subject to change. For the latest on upcoming meetings please check our website at AEGSC.org and follow us on LinkedIn. We post regular updates regarding meetings on both outlets. Furthermore, if you would like to receive email reminders, please email our Secretary, Christopher Amador-French, at chris@aessoil.com to request to be added to our emailing list. We look forward to connecting with you and hope to see you at our next meeting!

Date	Location	Presenter	Title
January 15, 2020	Victorio's Ristorante	Shant Minas, Applied Earth Sciences	<i>A Multi-phase Fault Rupture Hazard Study in Century City, Los Angeles</i>
February 11, 2020	Steven's Steak House in Commerce	Matt Hacker, Metropolitan Water District	<i>Groundwater Conditions in the Metropolitan Water District Service Area</i>
March 2020	TBD	Matt Pendleton, AEG SoCal Chair	<i>TBD</i>
April 2020 (likely in the 3 rd week)	TBD	Student Night	<i>N/A</i>
May 7, 2020	TBD	Cynthia Palomares, AEG President	<i>TBD</i>
July 14, 2020	El Adobe de Capistrano in San Juan Capistrano	Scott Lindvall, Jahn's Lecturer	<i>The 1971 San Fernando Earthquake and Paleoseismology of the Sierra Madre Fault System</i>

Raymond Fault Field Trip

A field trip focused on the Raymond Fault has been proposed for June 13th 2020 from 8am to 4pm. Details will be announced via email. If you would like to help with this field trip please contact the Field Trip Coordinator, Shant Minas at shant@aessoil.com.

AEG SoCal Officer Elections 2020

Please note that coming this April 2020 we will be having officer elections. More information is to come by email closer to the election. If you are considering taking a more active role in AEG SoCal's chapter, you may contact our section chair Mathew Pendleton at mpendleton@ekiconsultants.com.



Association of Environmental & Engineering Geologists Student Night April 2020

Present your Research and Projects

AEG is an organization that contributes to its members' professional success and the public welfare by providing leadership, advocacy, and applied research in environmental and engineering geology. Each AEG chapter holds regular meetings to provide members opportunities to share advancement in the practice, discuss current affairs and network. The meetings of the Southern California Chapter are typically attended by a variety of practitioners, including consultants, and representatives of government agencies at the City, County and State level.

Membership is **FREE** for students. Membership information can be found at www.AEGWEB.ORG.

The Southern California Chapter of AEG is providing an opportunity to students to present their research and projects to the local geologic community. Presenters will receive complimentary meeting attendance, which includes dinner.

We have space for approximately 6-10 students with poster type presentations and 3 or 4 short power-point presentations (about 10 slides).

How to Sign Up

If you are interested in presenting please send a letter of intent to AEG.southerncalifornia@gmail.com, include the topic of your presentation and if you will have a poster or power point, if you can do either a poster or power point please indicate your preference.

Finalized abstracts will be due by March 15th, these will be used in our advertising the meeting.

The power points will need to be delivered electronically two days prior to the meeting, so they can be loaded and previewed before the meeting.

SPONSORS

The AEG SoCal leadership team would like to extend a thank you to our meeting sponsors.



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For those of you who have not yet renewed your membership or are unsure about your membership status, or did not receive your membership dues statement, please contact AEG Headquarters at www.aegweb.org. You can renew your membership online. Please update your membership if you wish to continue to receive future issues of the newsletter.

If you would like to submit content to the newsletter, please contact Marissa at mmeredith@rmageoscience.com. If you would like to be featured in our newsletter, please consider sponsoring an AEG meeting by contacting Darrin Hasham at dhasham@earthsystems.com

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