

AEG St. Louis Chapter Newsletter

December 2024

Please forward to others you know who may be interested.

Visit www.aegstl.org, our website for the AEG St. Louis Chapter!

Upcoming AEG St. Louis Chapter Meetings, Speakers, and Field Trips

Mapping the Mahomet Aquifer: Progress and Findings

Wednesday, December 18th: On Wednesday, December 18th, at 6:00 pm Dr. Kisa Mwakanyamale Gilkie and Dr. Jason Thomason will discuss the work they are doing in East Central Illinois. The presentation will discuss the new technology that have been developed to better map groundwater resources like the Mahomet Aquifer.

Dr. Kisa Mwakanyamale Gilkie is a research geophysicist at the Illinois State Geological Survey (ISGS), and the lead investigator for the Mahomet Aquifer Mapping Program. In this role, Dr. Mwakanyamale Gilkie conducts research using airborne and ground-based geophysical methods to characterize the framework of the Mahomet aquifer.

Dr. Jason Thomason is a geologist at the Illinois State Geological Survey, which is part of the Prairie Research Institute at the University of Illinois. With colleagues and students, Dr. Thomason has been studying the Ice Age history of Illinois for over 20 years and has coordinated geologic mapping and research projects across many parts of the state, largely in northeast Illinois. His current work includes the use of airborne technologies to map aquifer systems, 3D mapping of geologic frameworks, and in-situ testing of glacial-sediment engineering properties.

The meeting will be held virtually on Teams at 6:00 pm. Link is [HERE](#). Dinner will not be provided.

RSVP on our website Chapter Meetings & Events | AEG St. Louis (aegstl.org) by Monday, December 16th, to attend.

The cost to attend this virtual meeting is FREE.

We are on the lookout for cooperate sponsors for our next event. If you or someone you know may be interested, please contact our Treasurer, Alex Hirsch (AHirsch@trccompanies.com) for more information.

News and Information for Region 7 AEG Members

The City of St. Louis, FEMA, and other partners are hosting a QuakeSmart Preparedness Workshop, Dec. 10. It's a **FREE**, day-long **EVENT** with lots of practical information on earthquake preparedness and response, with a focus on business continuity. I participated in one several years

ago, and they do an excellent job. More information and registration at their website Here: <https://federalalliance.regfox.com/st-louis-quake-smart-preparedness-workshop>

Dr. Paco Gomez (professor at University of Missouri - Columbia) is now serving as the **Region 7 Director**. Paco plans to help communication among the three Region 7 chapters (Kansas City, St. Louis, and Chicago) and the AEG headquarters. Thank you, Paco!

Please consider contributing to the AEG Foundation, Donation Form (neoncrm.com), as a memorial to **Phyllis Steckel, Former AEG North Central Regional Director**. You may make your donation individually or when you pay your AEG dues renewal.

AEG Foundation Grant, Diversity Field Trips Grant: The Diversity Field Trips Grant established by Phyllis and Richard Steckel is for junior-high school and high school Earth Science or STEM teachers who teach primarily Black, Hispanic or Latino/a, Pacific Islander, and/or American Indian/Alaskan Native students. Applications are accepted year-round and can be found here: <https://aegfoundation.org/grant-scholarships/>. A completed paper application can be emailed directly to staff@aegfoundation.org.

The St. Louis Chapter will match AEG Foundation donations to Diversity Field Trips Grant up to \$500. If you donate to the AEG Foundation in memory of Phyllis, please let Luke Ducey (Luke.Ducey@wsp.com) know so that we can make a matching donation.

Any Bloggers Out There: AEG now hosts blogs created by AEG members. These are short articles, usually 500 to 1,000 words, that give advice, insight, or perspective about some facet of AEG membership. Topics include ideas to engage students, meeting hints, field-trip ideas, and professional tribal knowledge. If you have an idea for an AEG blog, please contact Sheri Maskow (manager@aegweb.org) for more information.

St. Louis Chapter Seeks Monthly Meeting Sponsors

The St. Louis Chapter is seeking a sponsor for our Spring 2025 semester meetings. A sponsorship is \$400-\$500 per semester. As a Spring meeting sponsor, your company will be featured in our meeting announcements and on our Chapter website, and you'll have an opportunity to speak for 3-5 minutes about your company prior to the presentation at our meetings. (Slides may be provided to present during this time.) Please contact the treasurer, Alex Hirsch, (AHirsch@trccompanies.com) for more information.

Employment: Job Seekers & Open Positions

To all Jobseekers and Employers – Please contact the newsletter editor, Sean Garcia (Sgarcia@teamues.com), to post your search for an employer or employee, and when you have found a new job or filled an advertised position. This helps us keep our postings accurate and timely.

AEG St. Louis Chapter Officers, August 2024 - August 2026

Luke Ducey, Chair (Luke.Ducey@wsp.com)

Ben Luetkemeyer, Vice Chair (ben.luetkemeyer@terracon.com)

Alex Hirsch, Treasurer (AHirsch@trccompanies.com)

Sean Garcia, Secretary (Sgarcia@teamues.com)

Matt Masterson, Past Chair (mmasterson@kaskaskiaeng.com)

Region 7 Director: Paco Gomez (fgomez@missouri.edu)