

AEG St. Louis Chapter Newsletter

May 2021

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

In-person St. Louis Chapter meetings and field trips are not currently being held due to COVID-19.

Wednesday, May 19, 2021 – 6PM – David Kirschner of Royal Dutch Shell will present “Detecting P- and S-wave Arrivals with Deep Learning Models.”

Friday, August 6, 2021 – AEG Fellowship Event at the St. Louis Muny; no-host picnic supper on The Muny grounds, 6:00 pm; Backstage Tour (planned; time TBD); 8:15 pm Showtime for “Sound of Music.” Mark your calendars NOW. More information later.

Fall 2021 – Date TBD. “Mini-Earthquake Insight Field Trip” - one day, meet in Cahokia, Ill.; see Rock City, Ill., visit Kaskaskia, Ill., Ste. Genevieve, Mo., Holcim Cement Mine (TBD). Any interest? Please contact Phyllis Steckel (psteckel@charter.net) for suggested dates and other ideas.

May Chapter Meeting (Virtual)

Join us on Wednesday, May 19, at 6 pm for a webinar from David Kirschner of Royal Dutch Shell will present “**Detecting P- and S-wave Arrivals with Deep Learning Models.**”

Register in advance for this meeting:

<https://geotechnology.zoom.us/meeting/register/tJUrf-CvqzkhUPVx-UYZQovB9n8mHiOiAA>

After registering, you will receive a confirmation email containing information about joining the meeting. If you do not receive a confirmation email, contact jgoodwin@geotechnology.com for assistance.

Publication Planned

The Geology of the Cities of the World – St. Louis, Missouri, USA

The Geology of the Cities of the World is a series of professional publications that provide a geologic overview of the world's most important cities. St. Louis was added to this list some time ago. Recently, the effort to prepare the St. Louis edition of this series has been resurrected.

The audience for this publication includes geoscience and engineering practitioners, consultants, researchers, graduate students, university faculty, urban planners, government officials, diligent property owners, and interested members of the public.

Major parts of the St. Louis edition of *The Geology of the Cities of the World* include Geology, Natural Resources, Natural Hazards, Environmental Issues, and Notable Engineering Projects. Text (with references), maps, and photos will be needed.

An outline for this ambitious publication has been developed. Phyllis Steckel, AEG Region 7 Director has agreed to lead the effort. If you have ideas for topics to be included in the St. Louis edition of *The Geology of the Cities of the World*, please contact Phyllis (psteckel@charter.net).

This will be a collaborative effort, and the work of many authors will be included. There is no funding available, and all collaborators are volunteers. The final publication will be digital (online) only, and no paper or hardcopy publication is expected. The schedule is quite flexible, however, and final publication may be anticipated in 2023 or 2024.

The more information on *The Geology of the Cities of the World* www.aegweb.org/GSOWFAQ Almost 40 cities worldwide have completed publications in this series, including Cairo, Lima, Los Angeles, Montreal, Hong Kong, Johannesburg, San Francisco, and Rome. Publications for Boston, Jakarta, Rio de Janeiro, Washington DC, New York City and others are planned or in progress.

AEG Committees: Opportunities for New Members

There are several AEG Committees that have a need for new members. What are your interests and skills?

The **Advocacy Committee** provides ways for all AEG members to become advocates for our professions of environmental and engineering geology. The **Annual Meeting Committee** helps plan future annual meetings (and you don't have to live in the area where the meeting will be held). The **Awards Committee** helps identify and select candidates for various AEG awards. The **Chapter Support Committee** offers ideas and networking opportunities for the officers of all AEG chapters. The **Communications Committee** oversees the AEG publications and website.

The **Diversity, Equity, and Inclusion Committee (DEIC)** leads efforts for AEG to increase these within AEG practice and networking. There are also the **AEG Finance Committee, the Governance Committee, the Honorary Member Screening Committee, the K-12 Education Committee, the Licensure Committee, the Meetings Advisory Committee, the Nominations Committee, and the Student & Young Professionals Support Committee.**

There are plenty of ways to get on board, start a real network, meet some folks and have some fun, too. If any of these appeal to you, please visit www.aegweb.org/operational-committees for more information or email **Maddie German**, AEG Vice President at vp@aegweb.org.

Upcoming AEG National Events

September 18 – 26, 2021: Rock-n-the River San Antonio 2021 AEG 64th Annual Meeting, Westin Riverwalk-San Antonio, Texas. For more information: <https://www.aegannualmeeting.org/>

Student Educational Award (Robert Berri Jr. Memorial Scholarship)

Students: The May Chapter Meeting is you last chance to enter for the Robert Berri Jr. Memorial Scholarship!

The Robert Berri Jr. Memorial Scholarship is a drawing for a \$500 award made to a student's account with their university. Due to COVID, the Scholarship was not awarded in 2020. As a result, two Scholarships will be presented at the May 2021 meeting.

Each Chapter Meeting attendance by a student will count as an entry for the Scholarship. Attendances during fall 2019 and spring 2020 in-person meetings as well as attendance at digital events during fall 2020 and spring 2021 will be counted as entries for the two awards.

St. Louis Chapter Seeks Monthly Meeting Sponsors

The St. Louis Chapter is seeking sponsors for our virtual spring meetings. We are offering the opportunity to sponsor our virtual meetings at \$200 – half the cost of an in-person meeting sponsorship! Our virtual attendance has been comparable to our in-person meetings, so this is an excellent opportunity to speak to professionals in the field.

As a monthly meeting sponsor, your company will be featured in the meeting announcement and on our Chapter website, and you will have an opportunity to speak for 3-5 minutes about your company prior to the presentation at our virtual meeting. (Slides may be provided to present during this time.) Please contact the treasurer, Luke Ducey (lducey@geotechnology.com) for more information.

Employment: Job Seekers & Open Positions

ENTRY LEVEL PROFESSIONAL

Smith&Co. is expanding its team and will fill one entry level environmental professional position. The entry level environmental professional will assist the department manager and/or project managers with various tasks. Bachelor's degree in engineering or an environmental science is preferred but not required. Responsibilities will include assisting with environmental site assessments, field studies, development of soil and groundwater sampling plans, data analysis, site remediation, preparation of environmental reports, permits, assessments, and other duties as assigned by the project manager. The position works under close supervision and receives specific detailed instruction as to required tasks and expected results. Interested parties can email resumes to mikew@shsmithco.com or info@shsmithco.com. Call 573-785-9621 for additional information.

ENVIRONMENTAL PROJECT MANAGER

Smith & Company is expanding its team and is looking for a mid-level environmental professional. Registered geologist, professional engineer, and/or 8 years of experience preferred. Responsibilities will include management of environmental projects including site assessments, petroleum tank removals, site characterizations, risk assessments, petroleum remediation, and other duties as assigned by the department manager. Compensation will be dependent on experience. Interested parties can email resumes to mikew@shsmithco.com or info@shsmithco.com. Call 573-785-9621 for additional information.

To all Jobseekers and Employers – Please contact the newsletter editor, **Ben Luetkemeyer** (ben.luetkemeyer@terracon.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 2020 - May 2022

Jessie Goodwin, Chair (jgoodwin@geotechnology.com)

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

Luke Ducey, Treasurer (lducey@geotechnology.com)

Ben Luetkemeyer, Secretary (ben.luetkemeyer@terracon.com)

Stephanie Kline-Tissi, Past Chair (klinestephaniej@gmail.com)

Midwest Regional Director: Phyllis Steckel (psteckel@charter.net)