

AEG St. Louis Chapter Newsletter

July 2019

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

Friday, August 2, 2019 - AEG at the Muny - "Paint Your Wagon." See below for more information.

AEG at The Muny – "Paint Your Wagon"

The AEG St. Louis Chapter is planning a fellowship event for summer 2019. The Muny will present "Paint Your Wagon," set in a frontier mining town. This is the first Muny season since the renovation of the entire stage area over the fall, winter, and spring of 2018-2019 - You will see that the theatre will look quite different from last year.

Mark your calendars now for **Friday, August 2, 2019!** Jim and Marilyn Williams, from Labelle, MO, and their daughter, Lynn, will join the group and will be celebrating their 60th wedding anniversary on that day. Please help us make it a real party! Jim is a retired Missouri State Geologist. The weather forecast is for clear, warm and balmy skies that evening!

AEG will have several picnic tables on the lower west side of the Theatre. (If you are at the main Muny Box Office, facing the Will-Call windows, and Pagoda Lake is behind you, the AEG tables will be to the right about 200 feet.) We will gather at several picnic tables to eat a picnic supper together. Bring your own dinner items and beverages, or you can purchase items onsite at the Café One on the lower east side of the Theatre. Café One offers cold plates, grinders, pizza, etc. The show starts at 8:15 pm.

Tickets prices vary from \$15 to \$105. Please visit the Muny website (<https://muny.org>) to buy your tickets. **The sooner you buy your tickets, the better they will be.** There are also first-come, unreserved FREE seats for every performance.

This is an event that spouses, SOs, and friends will enjoy, too. Kids are absolutely welcome, but younger ones may not have the stamina. There will be one intermission, and the show should be over around 11:00 pm.

For more information, please contact Phyllis Steckel (psteckel@charter.net).

Drawing for \$50 Gift Card

At our September meeting, the AEG St. Louis Chapter will hold a drawing for a **\$50 Amazon gift card** among our attendees. When you check in to the meeting you will get a ticket. At the end of the night, we will hold a drawing for the \$50 gift card! **You must be present to enter**, so be sure to attend the September meeting!

AEG Field Trip to Alberici Campus

On Friday, May 31, the St. Louis Chapter of AEG was invited to tour the LEED (Leadership in Energy and Environmental Design) Platinum, Green Building Certified campus of the corporate headquarters of Alberici. Alberici is a major contractor in the St. Louis region, and has on-going and completed projects across the US, and in Canada and Mexico. The Alberici campus, located on the southeast quadrant of the I-170 and Page Avenue interchange, was one of the first LEED Platinum projects in the country.

Eight members of AEG were present to take the tour. Our tour leader was none other than Mr. John Alberici, Chairman of the Board. A gracious and patient host, Mr. Alberici showed our group a fascinating tour. He explained the details that were addressed in the design, reconfiguration, remodel, and new construction that were needed to redevelop the site, which originally was a steel-fabrication plant built in the 1950s. Several hundred Alberici employees, as well as several hundred employees of another company (Vi-Jon) that rents office space, now are housed in the space.

The 13-acre campus now includes two small ponds with bass and bluegill; native prairie plantings; numerous bird feeders, nest boxes, and a recycled 'chimney' for swifts; and beehives. (The honey harvested from the beehives is used as a company giveaway to clients.) Several pathways wind through the prairie plantings, and native flowers bloom from April through October. We could hear the traffic on the adjacent highway, but the sounds of crickets, frogs, and birds definitely muffled the traffic noise.

One part of the old plant has been converted to a multi-story garage for employees and guests. Between the covered garage and the present office space is an open-air driveway and breezeway, planted with native trees and ground cover. There is no lawn to mow on the entire campus, which saves many thousands of dollars annually just in irrigation and maintenance costs. Runoff from the structures is captured in a recycled cistern and used to flush toilets. A recycled windmill and solar panels on the garage roof subsidize the energy requirements of the campus.

Energy-efficiency, recycling, and smart re-design is in the forefront. LED lighting (upgraded since the original construct), re-purposed structural-steel elements, cork and bamboo finish materials, all were show-cased. Heating and cooling systems take advantage of natural ventilation. Windows can open. Natural light dominates. A wall of windows that faced southeast was reconfigured via a saw-tooth design to a series of east-facing window-walls and a series of south-facing solid walls. This results in optimal, annual solar exposure.

The campus also includes an onsite kitchen and cafeteria that uses locally-sourced ingredients. Hot lunches are available for \$2.00 a day. And there are no throw-aways here: all dishes and utensils are washed to minimize trash headed for a landfill.

Our two-hour tour of the Alberici campus was a great opportunity to think a little differently. Many thanks to John Alberici and others who made our tour possible.

Students: Do you need help attending the 2019 AEG Annual Meeting in Asheville, NC?

Volunteer - interested in volunteering **eight hours** in exchange for a complimentary meeting registration? Contact Heather Clark for all of the details, heather@aegweb.org or 303-518-0618.

Be sure to attend the Student/Professional Networking Reception on Tuesday, September 17, 2019, 5:15-6:15pm. This fun and relaxed event is the perfect place for you to make new friends and meet future employers/employees! You don't want to miss it! Be sure to sign up on your registration form.

Young @Heart Student/Professional Special Event - Tuesday, September 17, 2019 - 7:00-9:00pm

This social event is a great way to start your week in Asheville, NC. Mingle with new friends in environmental and engineering geology while you enjoy free appetizers (and a free drink ticket if you arrive early!) Just a short walk from the hotel, this event is an excellent opportunity to build connections with peers, mentors, senior fellows, and potential employers. Students and young professionals are encouraged to join the event and welcome experienced professionals who are “young at heart!” (Students Free, all others \$10).

Trying to convince your boss that you should attend the 2019 AEG Annual Meeting? Attending the Annual Meeting is beneficial to you, your school or your company, and the geologic profession. [Check out this resource](#) for reasons to attend the AEG Annual Meeting that your advisor or your boss will love!

AEG St. Louis Chapter Sponsors Needed

The AEG St. Louis Chapter is looking for sponsors for our fall 2019 meetings. **Sponsorships are \$400 per meeting.** Please contact Ed Jones for more information (edwdjones@hotmail.com).

Benefits of being a Meeting Sponsor include: a **20-30 word summary in the newsletter**, **one or two PowerPoint slides** to run on the slide-show loop that is projected in the dining room during the networking and dinner time, and if a representative of the sponsoring company attends the meeting, he or she will have **two to three minutes to talk** about their organization. Brochures, giveaways, table-top displays, and business cards are certainly welcome as well.

Employment: Job Seekers & Open Positions

Golder Associates in Ballwin, MO is seeking an environmental or geological engineer to assist with subsurface investigations, geological/geotechnical logging, environmental media sampling, due diligence, report preparation, data validation, and cost estimating. The position is for an entry level candidate with 0-2 years of experience and a bachelors degree (masters degree is a plus) in geological or environmental engineering or an equivalent field of study. Please apply online at golder.com/careers and contact Emily White at ewhite@golder.com with any questions.

Golder Associates is seeking an environmental specialist in either in Ballwin, MO or Houston, TX to assist with providing EHS compliance program support for industrial clients including developing procedures and permits, preparing and submitting periodic regulatory reports and plans, and preparing and conducting EHS training programs. This position is for junior-mid level candidates with 2-6 years of relative experience in consulting practice or in a regulatory or private industry setting. Please apply online at golder.com/careers and contact Emily White at ewhite@golder.com with any questions.

Golder Associates in Ballwin, MO is seeking a geotechnical engineer to assist with subsurface investigations, geological/geotechnical logging, environmental media sampling, engineering calculations, report preparation, and cost estimating. The position is for an entry level candidate with 0-2 years of experience and a bachelors degree (masters degree is a plus) in geological engineering or equivalent field of study. Please apply online at golder.com/careers and contact Emily White at ewhite@golder.com with any questions.

Golder Associates in Ballwin, MO is seeking a Civil 3D CAD technician to assist with preparation of maps, grading plans, site plans, and design drawings including cross-sections, profiles, construction drawings, as-built drawings, and charts for presentation in reports and proposals. The position is for a candidate with a minimum of 2 years of relevant experience with engineering drawings and site plans in AutoCAD Civil 3D. Please apply online at golder.com/careers and contact Emily White at ewhite@golder.com with any questions.

Golder Associates is seeking a Construction Quality Assurance (CQA) Technician for offices in Denver, CO, Houston, TX, Ballwin, MO, and Salt Lake City, UT to assist with earthworks and geomembrane liner CQA for projects related to the mining and solid waste industry. The position would entail construction observation, field and laboratory testing, and design interpretation. This position is for entry to mid-level candidates (previous and relevant experience preferred) and OSHA/MSHA training is a plus. Please apply online at golder.com/careers and contact Emily White at ewhite@golder.com with any questions.

Aerotek Environmental and Engineering of St. Louis, MO is seeking a GIS Analyst that would be working as part of a team on a conversion project performing map clean up work in ESRI ArcGIS. Bachelor's degree in Geography, Geosciences, or GIS related field is required. Please contact Destiny Minor (desminor@aerotek.com) for additional information.

Aerotek Environmental and Engineering of Collinsville, IL is seeking a Structural Engineer that would be responsible for analysis and design of structural systems and components. BS in Civil Engineering is required, MS is a plus, PE is preferred, SE is a plus. Minimum 5 years experience required, nuclear gauge and ACI training is a plus. Please contact Destiny Minor (desminor@aerotek.com) for additional information.

To all Jobseekers and Employers – Please contact the newsletter editor, **Jessie Goodwin** (jgoodwin@geotechnology.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

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

Ed Jones, Treasurer (edwdjones@hotmail.com)

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