

# MARCH MEETING

**VICE CHAIRMAN:**

Dr. Guang Xu  
Dept. of Mining Engineering  
Missouri University of Science &  
Technology

*Tailings Distribution Technology for CCR Tailings  
Closure and GIS Tools for Construction Data  
Management*

**SECRETARY-TREASURER:**

Lucas Carr  
Ramboll

Coal combustion residual (CCR) tailings closure  
requires multidisciplinary solutions for construction,  
material handling, and quality tracking.

**PROGRAM CHAIR:**

Bob Johnston  
Laffey Equipment

Presentation includes:

**GOLF TOURNAMENT CHAIR:**

Joe Hatfield  
Joe Hatfield & Associates.

- A brief introduction to CCR tailings

**EXECUTIVE COMMITTEE:**

Joe Hatfield  
Joe Hatfield & Associates.  
Gen Sutton  
The Doe Run Company  
Catherine Johnson, PhD  
Missouri University of Science &  
Technology  
Jayson Ripke  
The Doe Run Company  
Greg Sutton  
MO Cobalt

- Discussion about the application of tailings distribution  
technologies for CCR tailings handling

- Overview framework of how ESRI's ArcGIS Online  
(AGOL) platform can be used to aggregate / store /  
organize data and streamline access for clients /  
contactors / stakeholders.

**STUDENT LIASON:**

Dr. Kwame Awuah-Offei  
Dept. of Mining Engineering  
Missouri University of Science &  
Technology  
Dr. Catherine Johnson  
Dept. of Mining Engineering  
Missouri University of Science &  
Technology

**Tanya Walkenbach, PhD, PE (AL)**  
Senior Consultant, Geotechnical Engineer-WSP

---



WSP is a globally-recognized professional services firm employing approximately 49,000 people.

WSP is one of the world's leading professional services firms. WSP provides technical expertise and strategic advice to clients in the Transportation & Infrastructure, Property & Buildings, Environment, Industry, Resources (including Mining and Oil & Gas) and Energy sectors, as well as offering project and program delivery and advisory services. Its experts include engineers, advisors, technicians, scientists, architects, planners, surveyors and environmental specialists, as well as other design, program and construction management professionals.

Dedicated to serving local communities, we are engineers, planners, technical experts, strategic advisors and construction management professionals. WSP USA designs lasting solutions in the buildings, transportation, energy, water and environment markets. With more than 9,500 employees in 150 offices across the U.S., we partner with our clients to help communities prosper.

**When:** Thursday, March 30th    **Social:** 6 PM, **Dinner:** 6:45 PM

**Where:** Andre's Banquet and Catering South. 4254 Telegraph  
Road St. Louis MO 63129    314 894 2622

**RSVP:** By Tuesday March 28<sup>th</sup>

**By email to:**    bob.johnston@earthlink.net or sme.stl.section@gmail.com

**By phone:**        **Bob Johnston 314-570-0226**

**Menu:** Buffet to include two entrée choices, pastas, Salad, Rolls, and [Open Bar!](#)

**Cost:**        \$30, \$10 for students    Cash, debit or credit card accepted.

---

**You need not be a member of National SME. Bring a friend!**

---

**\*\*Need Professional Development Hours? Each meeting is 1 hour.\*\***