



Underground Pipe and Utilities Day

Thursday October 24, 2024, 8 AM to 7 PM, MSU Campus

Overview: This event is intended for MSU students, practicing engineers, K12 students, and anyone else interested in technical aspects of underground pipes and utilities and how these infrastructure elements positively impact our quality of life. This event is free of charge, lunch is provided, and licensed engineers can earn up to 5 professional development hours (PDH's), including 1 hour of ethics. **Food is sponsored by Dunn Utility Products.**

Registration: Registration is required on an event-by-event basis for events 1 to 9 that are shown on the next page where PDH's can be earned and is on a first to respond, first to register basis. No registration is needed for participation in other activities. To register for our events, please use the survey link provided. Seats are limited, so registration is on a first-come, first-served basis. If you successfully secure a seat, someone from Mississippi State University will contact you to confirm your reservation.

https://qualtricsxmmkncbd6d9.qualtrics.com/jfe/form/SV_2bF2GXHAB8kRm98

Speaker Information:

Al Hogan: Region Engineer, American Concrete Pipe Association

Josh Beakley: Vice President of Engineering, American Concrete Pipe Association

Dennis Pivin: Director of Health, Safety and Environmental, National Association of Sewer Service Companies (NASSCO)

Sheila Joy: Executive Director, NASSCO

Chris Macey: Vice President and Americas and Global Technical Practice Leader, AECOM

Stephen Rula: President, Suncoast Infrastructure, Inc.

Eddie Templeton: Principal, Burns Cooley Dennis, Inc.

John Causey: Vice President, Suncoast Infrastructure, Inc.

Hollis Stacey: Account Representative, Halliburton - Baroid Drilling Products

Questionnaires:

There will be some optional questionnaires that attendees can fill out regarding K12 outreach and effectiveness, as well as construction effectiveness questions.

Agenda

Event	Time	Location	Title	Speaker(s)	Seats Available	PDH's Available
1a	8:00 AM - 8:15 AM	Swalm 001	Opening Remarks	TBD	50	0
1b	8:15 AM - 9:15 AM	Swalm 001	Trench Safety, PPE, and Environmental Safety Aspects for Underground Activities	Al Hogan, Dennis Pivin	50	1
2	9:30 AM - 10:45 AM	Rula Hall High Bay & Outdoors	Industry and Agency Demonstrations of Equipment & Technology	See Demos Page	80	0
3a	11:00 AM - 12:00 PM	Swalm 001	Ethics in Underground Pipe and Utility Activities	Al Hogan	80	1
3b	12:00 PM - 12:15 PM	Swalm 001	Overview of Trenchless Technologies	Sheila Joy	80	0
4	12:30 AM - 1:45 AM	Rula Hall High Bay & Outdoors	Industry and Agency Demonstrations of Equipment & Technology	See Demos Page	80	0
5	12:30 PM - 1:45 PM	Rula Hall 3080	Present & Future Use of AI & Other Advanced Analytics for Assessment & Optimization of Water Distribution & Sewer Collection Systems – It is a Rapidly Expanding World Out There!	Chris Macey	25	1
6	2:00 PM - 3:15 PM	Rula Hall 1090	Civil Engineering Roles as Contractors Versus Design Engineers	Stephen Rula	35	1
7	2:00 PM - 3:15 PM	Rula Hall 3030	Soil Sampling and Testing for Underground Pipe and Utility Projects	Eddie Templeton	50	1
8	3:30 – 4:45 PM	McCool 124	The Civil Engineers Role in Underground Utilities Construction	John Causey	80	1
9	3:30 – 4:45 PM	Rula Hall 3080	Drilling Fluid Application in Trenchless Construction and Structural Pipe Design	Hollis Stacey, Josh Beakley	30	1
---	5:00 – 7:00 PM	Rula Hall Courtyard & Building	Social Event – Students, Faculty, Staff, and Off-Campus Attendees are Invited	---	---	0
---	10:00 AM - Noon	Off Campus	Visit to Golden Triangle Early College High School - Mayhew	---	---	0

Demos and Table Top Displays – Working List

Caterpillar - Thompson and Pucket Machinery

- Skid Steer, Mini Excavator, and/or other rubber tracked Caterpillar equipment for static display

Thompson



Puckett



SITECH South MS

- Various handheld/smaller Trimble products utilized on a connected jobsite
- Small rubber tracked Cat excavator w/3D Trimble Machine Control System

SITECH

SITECH South Mississippi LLC

BLD/Hammerhead

- Presentation on the use of Cured-in-Place Pipe (CIPP) liners to renovate deteriorated pipes
- Demonstration by Hammerhead Technologies - Light Cured CIPP Liner



HAMMERHEAD
TRENCHLESS

NASSCO

- Information on the NASSCO Organization



Suncoast Infrastructure/Hemphill Construction

- Information on Construction Contractor and a CIPP Contractor



Baroid Drilling Products

- Information on drilling products used for a variety of applications

