

2024 Highway Geology Symposium Schedule at a Glance



Monday, September 9, 2024		Location
9:00 AM - 5:00 PM	Registration	Regency Preconvene
9:00 AM - 5:00 PM	Exhibitor Setup	Regency Preconvene & Ballroom
1:00 PM - 5:00 PM	Field Day: Drilling & Sampling Techniques	Offsite - KS Geological Survey
5:00 PM - 6:30 PM	National Steering Committee Meeting	Regency DII & DIII
6:00 PM - 8:00 PM	Icebreaker Reception	Regency Preconvene & Ballroom
Tuesday, September 10, 2024		Location
7:00 AM - 8:00 AM	Breakfast	Regency Ballroom
7:00 AM - 5:00 PM	Registration	Regency Preconvene
7:00 AM - 5:00 PM	Exhibits Open	Regency Preconvene & Ballroom
9:00 AM - 5:00 PM	Companion Activities Departs - <i>Preregistration required</i>	Offsite
8:00 AM - 8:10 AM	HGS Welcome & Opening Remarks- Kyle Halverson	Brazilian Ballroom
8:10 AM - 8:30 AM	Dedication- Bill Webster	
8:30 AM - 9:00 AM	Kansas Geologic Survey - KGS State Geologist- Jay Kalbas	
9:00 AM - 9:20 AM	Kansas DOT State Transportation Engineer- Greg Schieber	
9:20 AM - 10:00 AM	Session 1 - Young Authors	
9:20 AM - 9:40 AM	Crawling through Steep Slopes: Highlighting the Use of Walking Excavators through the Highway 14 Slope Repair Project in Santa Clarita, California - Nolan Lescalleet	
9:40 AM - 10:00 AM	Post-Wildfire Effects on Geotechnical Assets - Katelyn Card	
10:00 AM - 10:30 AM	Mid-Morning Break Sponsored by Central Mine Equipment	
10:30 AM - 12:00 PM	Session 2 - Young Authors	Brazilian Ballroom
10:30 AM - 10:50 AM	Intermediate Geomaterials In Kansas: Challenges And An Approach - Jason Kolb	
10:50 AM - 11:10 AM	Commit to Clean: Reducing the Risk of Invasive Species Spread and Introduction via Field Equipment and Gear - Sara Ricklefs & Jennifer Riddle	
11:10 AM - 11:30 AM	Diagnosing Mechanically Stabilized Earth (MSE) Wall Using Spectral Analysis of Surface Waves (SASW) Method - M. F. Khan, et al	
11:30 AM - 11:50 AM	Investigation of Perched Water Dynamics in Highway Slopes: Using Electrical Resistivity Imaging (ERI) and Reversed Induced Polarization (IP) Methods - Rahul Biswas, et al	
12:00 PM - 1:00 PM	Lunch	Regency Ballroom
1:00 PM - 1:40 PM	Session 3 - Young Authors	Brazilian Ballroom
1:00 PM - 1:20 PM	Evaluation of the performance of Vetiver plant using resistivity imaging to repair highway slope failure - Fariha Rahman, et al	
1:20 PM - 1:40 PM	Developing an efficient Subsurface monitoring system with Resistivity Imaging for Railroad Infrastructure - A Q M Zohuruzzaman, et al	
1:40 PM - 3:00 PM	Session 4 - Foundations/Ground Improvements	
1:40 PM - 2:00 PM	A Case Study of Pile Load Tests on a Driven Steel H-Pile in Kansas Shale - Kam Ng, et al	
2:00 PM - 2:20 PM	Top "Mistakes" Made Associated with Pile Design and Construction for Bridge Projects - William C. Jones & Ronan Jones	Brazilian Ballroom
2:20 PM - 2:40 PM	A Comparison of Classical and UNR Bearing Capacity Equations - Gary Norris, et al	
2:40 PM - 3:00 PM	Innovative Ground Improvement Solutions for Pennsylvania State Route 420 Bridge Widening - Sarah McInnes, et al	
3:00 PM - 3:40 PM	Afternoon Break Sponsored by Hager-Richter Geoscience, Inc.	Regency Preconvene & Ballroom

3:40 PM - 4:20 PM	Session 5 - Landslide/Research & Technology	
3:40 PM - 4:00 PM	Climate Change Effects On Slope Stability In The Northeast - David J. Scarpato, et al	
4:00 PM - 4:20 PM	Recent Applicable UNR Geotechnical Research - Gary Norris	
4:20 PM - 5:00 PM	Session 6 - Case Study/Geophysics	
4:20 PM - 4:40 PM	Remediation Of Acid Producing Rock On The CSVT Project - Jason M. Gardner & Isaac R. Bragunier	Brazilian Ballroom
4:40 PM - 5:00 PM	An Example of the Application of Geological Mapping to Evaluate Karst Terrain Affecting Dams in East Tennessee - David Hannam, et al	
5:00 PM - 5:15 PM	Field Trip Preview	
6:00 PM - 8:00 PM	TRB Mid-Year Meeting: Workflow Choices & Project Outcomes	Brazilian Ballroom
Wednesday, September 11, 2024		Location
7:30 AM - 8:00 AM	Grab n' Go Breakfast	Regency Ballroom
8:00 AM	Board Buses for HGS Field Tour	Hotel Lobby
8:00 AM - 6:00 PM	HGS Field Trip	Offsite
12:00 PM	Lunch: Coronado Heights	Coronado Heights
6:00 PM	Field Trip Drop Off (<i>subject to vary</i>)	Hotel Lobby
Evening	Dinner on Own	
Thursday, September 12, 2024		Location
7:00 AM - 8:00 AM	Breakfast	Regency Ballroom
7:00 AM - 5:00 PM	Registration	Regency Preconvene
7:00 AM - 1:00 PM	Exhibits Open	Regency Preconvene & Ballroom
8:00 AM - 9:40 AM	Session 7 - Rockfall	
8:00 AM - 8:20 AM	West Virginia Highway 340, An Intensive Rockfall Mitigation in Harpers Ferry National Park - David Crotsley & Jody Kuhne	
8:20 AM - 8:40 AM	Case Histories of Roadside Rockfall Barrier Applications - Mike Koutsourais & Lucas Martins	
8:40 AM - 9:00 AM	Utah HWY 189 Hazard Rock Removal using AutoStem™ - A Case Study in Provo Canyon - Jack Fitzgerald, et al	Brazilian Ballroom
9:00 AM - 9:20 AM	Rockfall Hazard Mitigation along I-68 at Sideling Hill, Washington County, Maryland - Brian K. Banks & Steve W. Fung	
9:20 AM - 9:40 AM	Precision Presplitting: Redefining Accuracy in Rock Blasting - Anthony Konya & Alexander Sibley	
9:40 AM - 10:00 AM	Session 8 - Asset Management I	
9:40 AM - 10:00 AM	Role of Instrumentation and Monitoring in a Geotechnical Asset Management Program - Darren Beckstrand	
10:00 AM - 10:40 AM	Mid-Morning Break	Regency Preconvene & Ballroom
10:40 AM - 12:00 PM	Session 8 - Asset Management II	
10:40 AM - 11:00 AM	Modern Borehole Logging & Database Management - A Geodata Lifecycle - Declan Vanderhor	
11:00 AM - 11:20 AM	SGAM - Smart Geotechnical Asset Management - Niccolò Belcecchi, et al	Brazilian Ballroom
11:20 AM - 11:40 AM	Spatial Analytics, Remote Sensing and Advances in Technology as They Apply to Highway Geological Investigations and Critical Infrastructure Asset Management - Robert R. Hendricks	
11:40 AM - 12:00 PM	Advanced Multi-Sensing Techniques for Geotechnical Asset Management - Rakesh Salunke & Sadik Khan	
12:00 PM - 1:00 PM	Lunch	Regency Ballroom
1:00 PM - 5:00 PM	Field Day: Geophysical Techniques	Offsite - KS Geological Survey
1:00 PM - 5:00 PM	Exhibitor Move Out	
6:00 PM - 9:00 PM	HGS Banquet & Awards	Brazilian Ballroom
		<i>*Subject to change</i>