

Session Schedule for Monday

9/9	Grand Ballroom 1				
8:00 - 9:00	Plenary Session				
9:00-10:30	Panel Discussion on AML Reauthorization				
10:30-11:00	Break / Set Up				
	Rivers	Brigade	Grand Ballroom 3	Grand Ballroom 4	Grand Ballroom 1
11:00 - 11:30	Mine Subsidence Engineering: An Overview Gennaro G. Marino, Ph.D., P.E., D.GE	Poultry Litter Biochar Role in Remediation Tina Metzzer	Preservation and Progress: Protection of AML PTS Clean Water Infrastructure John Dawes and Joseph Pizarchik	Waste Coal-to-Energy: A Quarter-Century Land and Water Restoration Success Story Dennis C. Simmers	Website Demonstration for www.ourworksnotdone.org Eric E. Cavazza, P.E. and Keith Guille
11:30 - 12:00		An Overview of the Groundwater Data Collected as Part of the 2015 EPS CCR Rule at CCR Landfills and Surface Impoundments Cecil Slaughter	Working, Learning, and Thinking Together in the 21st Century Dr. Bill Bellows and Robert E. Hughes	Environmental & Economic Benefits of the Coal Refuse Electric Generating Industry Jaret Gibbons	The Legacy of Mining Colorado's Southern Coalfields Sarah Russell
12:00 - 1:30	Lunch (On Your Own)				
	Rivers	Brigade	Grand Ballroom 3	Grand Ballroom 4	Grand Ballroom 1
1:30 - 2:00	Impacts of Coal Mining on Structures in Western PA Richard E. Gray	There He Goes Again Another Discussion of Mine-Water Geothermal Michael C Korb, P.E.	Multiple Paths to Progress: How 25 Years of AML Reclamation Has Transformed More than the Land Elizabeth W. Hughes, EdD	Restoration of Waste Coal Piles through Public and Private Cooperation James Panaro and Dean Baker, P.E.	HQ OSMRE National Environmental Policy Act Program (NEPA), Program Review - Highlighting the 2019 OSMRE NEPA Handbook Stephanie Hamlett, Michelle Fishburne, and Octavia Conerly
2:00 - 2:30	Use of Expanding Foam to Fill Small Subsidence Holes at WVU Farms Dr. Jeff Skousen and Marcus Anderson	Remote Environmental Monitoring Solutions Jeff Taylor	Datashed: An Online Tool for Managing AMD Treatment Systems and Restoration of Impacted Watersheds Cliff Denholm	Scrubgrass Generating Co., L.P. An Overview of the Russelton Minesite and an Overview of the Venango #1 AML Pilot Project RJ Shaffer	
2:30 - 3:00	Is My House Going to Sink? Part 2: Carrie Bill Snoddy	Drones/UAV: Providing Rapid Innovative Leaps in Abandoned Mine Reclamation Strategies Daniel Bochicchio	When Elvis Leaves the Building Preserving and Recollecting Institutional Knowledge Michael C Korb, P.E.	Remining and Reclamation, Harry E Coal Refuse Site Henry Zielinski, P.E. and Matthew Cochran	
3:00 - 3:30	Break				
	Rivers	Brigade	Grand Ballroom 3	Grand Ballroom 4	Grand Ballroom 1
3:30 - 4:00	PHREEQ-N-AMDTreat Model to Evaluate Water-Quality Effects from Passive and Active Treatment of Mine Drainage Charles A Cravotta III	Kenilworth Maintenance III Reclamation Project - Stream Stabilization in Highly Erodible Shale and Coal Refuse Kent Phillips	Utilizing UAV Elevation Data to Model Surfaces and Calculate Volumes Robert Cammack	Co-treating Acid Mine Drainage and Municipal Wastewater in an Existing Conventional Wastewater Treatment Plant Travis Tasker	Geomorphic workshop Alan Edwards
4:00 - 4:30	Screen to Stream: Engaging Students to Explore Local Watershed Issues and Become Environmentally Alert Citizen Scientists Peter M. Smyntek	The Use of Advanced Membrane Filtration as an AMD Remediation Method Michael J. McCluskey	Characterizing, Prioritizing, and Managing Colorado's Underground Coal Mine Fires Tara Tafi and Jeffrey Nuttall, P.G.	Abatement of AMD at the Germantown AML site in West Central Missouri Daniel P. Wedemeyer and Paul T. Behum, Ph.D.	
4:30 - 5:00	Reclaiming our Backyard: Engaging Youth with Gardening Skills Laura E Rinehimer	Batch Extraction Method to Estimate Total Dissolved Solids (TDS) Release from Coal Refuse and Overburden Charles A Cravotta III	How PA Successfully Converted 110,000+ Paper Historic Underground Mine Maps to a Digital Map Repository and GIS Patrick Jaquay, GISP	The Skeleton Keys of Turf Reinforcement Lisa Simms, P.E.	