

Theme	Title of Presentation
Coal Focus	Assessing the Environmental Conditions at the Friar Tuck Mining Complex: Dugger Indiana
Coal Focus	Overview of the Treatment of Coal Mine Drainage with Vertical Flow Ponds in the Midwestern U.S.
Coal Focus	MAIN AND LOCUST STREET SUBSIDENCE
Coal Focus	Stineman Refuse Pile – Path of the Flood Trail
Coal Focus	Pennsylvania’s Legacy of Coal Mining and Coal Mining Related Fires: The Renton Fire
Coal Focus	Petrelli Landslide: An Abandoned Mine Land Emergency Response
Coal Focus	Reliance Coal Mine District Reclamation, Sweetwater County, Wyoming
Coal Focus	Foam Transported Sand Backfill for Subsidence Mitigation at Noonan, N.D.
Coal Focus	Abandoned Coal Mine Mitigation in High Pressure Artesian Conditions
Coal Focus	Techniques and Challenges for Material Stabilization within Historically Mitigated Underground Abandoned Coal Mines
Coal Focus	AML Landslide Stabilization
Coal Focus	OSM/NAAML P Interior Regional Award
Coal Focus	OSM/NAAML P National Award
Coal Focus	OSM/NAAML P Small Project Award
Coal Focus	OSM/NAAML P Western Regional Award
Coal Focus	OSM/NAAML P Appalachian Regional Award
Cultural	Montana AML Telling Your Story
Cultural	The Forman Shaft: Creative Solutions for Recording and Preserving Complex Historic Mining Landscapes and Features
Hard Rock Focus	Gold King Mine Rehabilitation
Hard Rock Focus	Valles Mines Reclamation Project – Southeast Missouri Shaft Closures
Hard Rock Focus	Golden Sunlight Mine
Hard Rock Focus	Defense-Related Uranium Mines Program Update
Hard Rock Focus	Red and Fry Canyon Abandoned Mine Project
Hard Rock Focus	McIntosh Pit Reclamation Evaporative Dewatering Project, Fremont County, Wyoming
Hard Rock Focus	An Overview of Underground Mine Bulkheads in a Fractured Mountain Setting
Hard Rock Focus	NAAML P 2021 Hardrock AML Physical Safety Award
Hard Rock Focus	NAAML P 2021 Hardrock AML Environmental Award
Heavy Metals	Screening of Mercury Concentrations in Mine-Impacted Sediments to Support Remedial Action Alternatives, Independent Mine, Ochoco National Forest, Oregon
Heavy Metals	Mercury Cleanup on the Comstock

Policy	Navigating and implementing projects under CERCLA as a non-profit, Good Samaritan organization. A case-study at the Waldorf Mine near Georgetown, Colorado.
Policy	Pennsylvania's Environmental Good Samaritan Program
Reuse	Rare Earth Metals Recovery in the Great Falls Coal Field
Reuse	Basshole: Transforming an AML Site Into A Public Fishing Lake
Reuse	Golden Sunlight Mine
Reuse	An EXCELLENT Abandoned Mine Land Economic Revitalization Project
Technology	Using Directional Drilling Techniques to Intersect the American Tunnel
Technology	Mapping Temporal Changes of Erosion and Potentially Acid Generating Material on Abandoned Mine Lands using Remotely Piloted Aerial Systems
Technology	3D Microgravity as a Tool for Identifying Mine Voids, Underground Mine Fires, and Preferential Flow Pathways
Technology	Remediation of the Abandoned Hillside Mine in Rural Arizona: A Phased Approach
Technology	Leveraging LiDAR & SLAM Applications for Abandoned Mine Lands Inventory & Characterization
Technology	Prioritization of Site Selection for Subsidence Mitigation of Abandoned Mine Lands using GIS and Attribute Criteria Hierarchy
Technology	Implementation of an Enterprise Geographic Information System (GIS) for Abandoned Mine Land Reclamation Project Data Collection and Efficiency of Client Reporting
Water Treatment	Three Fork Creek and Abram Creek – A 10-Year Review of In-Stream Treatment
Water Treatment	Early Discoveries and Development of Passive Treatment Systems
Water Treatment	What, Where, When and How to Treat: The Importance of the Comprehensive Watershed Restoration Plan for the Qualified Hydrologic Unit in AMD Set-A-Side Funded Projects
Water Treatment	Investigating the potential for microbially induced carbonate precipitation to treat mine waste
Wildlife	Review of Reforestation Efforts of the Bituminous District for Abandoned Mine Reclamation of PA
Wildlife	Longevity Of Bat Compatible Gates On Abandoned Hardrock Mines
Wildlife	Spatial and temporal patterns of abandoned mine occupancy by Townsend's big-eared bat (<i>Corynorhinus Townsendii</i>) in Nevada