



**ROCKY MOUNTAIN
MINING &
RECLAMATION
CONFERENCE**

**RMMRC 2024 Technical
Talks Schedule and Poster
Details**

**MAY 22-24
2024**

CONTINENTAL BREAKFAST 8:00 - 9:00			
KEYNOTE 9:00 - 9:30		Gymnasium	Classroom
9:00 AM - 9:05 AM	Opening Remarks	Alex Handloff - RMMRC Co-Chair	Not in use
9:05 AM - 9:10 AM	Keynote - Video	Senator John Hickenlooper	
9:10 AM - 9:20 AM	Keynote - In Person	Ty Churchwell, Trout Unlimited	
9:20 AM - 9:30AM	Watershed Groups - What are we doing for reclamation now?		
		9:20 AM - 9:24 AM - ARK	
		9:24 AM - 9:27 AM - MSI	
		9:27 AM - 9:30 AM - Uncompahgre Watershed Partnership	
Room Swap Short Break			
9:35	NAME OF PRESENTER	Erica Crosby	Andrew Z Skibo, PhD
	AFFILIATION	Colorado Division of Reclamation, Mining and Safety	Amaruq Environmental Resources
	NAME OF TALK	Fifty Years of Reclamation on Bond Forfeiture Sites in Colorado	Governor Basin Surface Water Characterization at the Revenue-Virginius Mine
10:00	NAME OF PRESENTER	Connor Newman	JoAnn M. Holloway
	AFFILIATION	US Geologic Survey	US Geologic Survey
	NAME OF TALK	Thermal signals to identify sources of acid mine drainage to streams	Organic Matter and Mercury Interactions in a Burned Watershed, Salmon River Mountains, USA
10:50	NAME OF PRESENTER	Kristina Minchow and Billy Ray	Erinn Johnson
	AFFILIATION	Ensero Solutions	Schnabel Engineering
	NAME OF TALK	Lessons Learned from Mine Water Treatment Operations in Remote Areas	Trials and Tribulations: Connecting Historic Mine Maps to Real World Workings
11:15	NAME OF PRESENTER	James Gusek	Andrew Manning
	AFFILIATION	Independent Mining Influenced Water Consultant	US Geologic Survey
	NAME OF TALK	35 Years of Lessons Learned Designing, Building, and Monitoring Passive Treatment Systems for Mining Influenced Water	Climate-driven increases in stream metal concentrations in mineralized watersheds throughout Colorado
LUNCH BREAK 11:40 - 1:00			
1:00	NAME OF PRESENTER	Tom Schillaci	Alex Wing
	AFFILIATION	Environmental Video	Astragalus Environmental
	NAME OF TALK	If My Mining Company Did That...	A semi-passive treatment system designed with operator controls for adapting to dynamic seasonal discharge from a mine tunnel.
1:25	NAME OF PRESENTER	Christine Fonner	Alicja Babst-Kostecka
	AFFILIATION	The Perigen Project, LLC	University of Arizona, Center for Environmentally Sustainable Mining
	NAME OF TALK	The Human Side of Mining & Reclamation: Community Impact Planning for Emotions, Identity, and Relationships	Research translation of newly developed environmentally protective technologies to industry
1:50	NAME OF PRESENTER	William A. (Bill) Cincilla, MS, PE	Flurin Babst
	AFFILIATION	CJK Milling	University of Arizona, Center for Environmentally Sustainable Mining
	NAME OF TALK	Remediation of historic mine waste in the Leadville Mining District	Harnessing the revegetation of mining-impacted land for carbon capture and climate change mitigation
COFFEE BREAK 2:15-3:00			
3:00	NAME OF PRESENTER	Jord Gertson	Oscar Benavente
	AFFILIATION	SOURCEWATER Consulting, LLC	SRK Consulting
	NAME OF TALK	TommyKnocker Heaven: Mine Pool Monitoring and Remediation Strategies	Monitoring the water quality of Pit lakes using Open-source satellite constellations
	NAME OF PRESENTER	Leah Flint	Randall Stremmel
	AFFILIATION	Bureau of Reclamation	PMET Inc.

3:25	NAME OF TALK	Improving metal removal at the Leadville Mine Drainage Tunnel Water Treatment Plant	Production of Sustainable Building Materials Using Mining Tailings
	NAME OF PRESENTER	Brett Jordan PhD, PE	Joseph Harrington
	AFFILIATION	HydroGeo Designs Inc.	MineWater LLC
3:50	NAME OF TALK	LESSONS LEARNED AND RESULTS FROM A LARGE SCALE RIVER RESTORATION MINING IMPACTS PROJECT: UPPER ARKANSAS RIVER, NEAR LEADVILLE, CO.	Selective sorting of waste rock at London Mine
4:15 CONCLUDING REMARKS	(See you at the Freight, Field Trip info meeting up)		Not in use
BREAKDOWN 4:20 - 4:45			

POSTERS			
	NAME OF PRESENTER	AFFILIATION	POSTER TITLE
Poster sessions will occur at the Tabor Opera House prior to keynote on May 22nd and at CMC on May 23rd during lunch.	Jessie Hiatt	Colorado School of Mines	Underground Coal Fire Detection through Multispectral Analysis, Terrain Subsidence Assessment, and Geospatial Analytics
	Nate Jones	EA Engineering, Science, and Technology, Inc., PBC	Elevate the Neighborhood: handling complexities in waste characterization to protect neighbors of a Superfund site.
	Jord Gertson	Upper Arkansas Water Conservancy District	Restoration Exemptions Profiled, SB23-270, a Discussion of Reclamation Impacts to Water Rights
	Dave Ludwick	SRK Consulting	Lessons Learned - Natural Analogs for Landform Design in Arid Climates
	JoAnn M. Holloway	US Geological Survey	Wildfire in historically mined lands: metal uptake in aquatic and riparian biota
	Jean Wyatt	US Environmental Protection Agency	Good Samaritan Abandoned Mine Cleanups
	Ryan Monahan	US Environmental Protection Agency	Colorado Abandoned Mine Mixed Ownership Collaboration
	Jean Wyatt	US Environmental Protection Agency	Colorado Abandoned Mine Mixed Ownership Collaboration

the tradition lives on in

LEADVILLE CO













THANK YOU TO OUR 2024 SPONSORS!

NICKEL
COPEPR
BRONZE
SILVER
GOLD
PLATINUM

NewmontTM



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources



COLORADO
Department of Public
Health & Environment



Iron Woman Construction
and Environmental Services

ACZ Laboratories
SRK Consulting

Harrison Western

Trout Unlimited