



“Putting a New Face on Mining Reclamation” A National Interactive Forum on Geomorphic Reclamation

Final Agenda

Tuesday, September 12

8:30 **Welcome** *Bill Brancard, New Mexico*

The Science and Engineering Behind Geomorphic Reclamation

Robert Postle, Moderator

8:45 A Geomorphologist's Perspective on "Natural Stream" Applications in Mine Reclamation, *Dr. Steve Kite, West Virginia University*

9:30 Landform Grading and Revegetation: A Pioneering Concept to Mitigate for Hillside Land Development and Surface Mining, *Horst Schor, H. J. Schor Consulting*

10:15 Break

10:30 Applied Geomorphology - Geomorphic and Hydrologic Design Considerations to the Stabilization and Reclamation of Mining Disturbed Lands, *Christopher D. Lidstone, President, Lidstone and Associates, Inc.*

11:15 Questions for General Session Speakers

11:30 Lunch

Design Tools

Marcello Calle, Moderator

1:00 A Primer to the GeoFluv™ Method For Reclamation Landform Design; Using Natural Regrade Software to Design and Evaluate Landforms, *Nicholas Bugosh, Carlson Software*

1:45 Use of the RIVERMorph Software for Assessing and Designing Natural Channels, *George Athanasakes, RIVERMorph, LLC*

2:30 The Watershed Characterization and Modeling System, *Dr. Jerald Fletcher and Dr. Charles Yuill, Natural Resource Analysis Center, West Virginia University*

3:15 Break

San Juan/La Plata Mine Case Study (3:30 – 5:00)

Jim Luther, Moderator

Regulatory Issues Regarding Geomorphic Reclamation at the San Juan and La Plata Mines, *Dave Clark, NM Mining and Minerals Division*
Design and Implementation Issues, *Collette Brown, BHP Billiton San Juan Mine*

Field Implementation, *Greg Perkins, BHP Billiton La Plata Mine*

Welcome Reception (hors d'oeuvres & no host bar), Three Rivers Tap and Game Room, 113 E. Main St., Farmington 5:30 PM



Wednesday, September 13

Reclamation of Previously Disturbed Lands

Tonya Blackburn, Moderator

- 8:30 The Squiggly Ditch: A Case Study - Reclamation of an AML Highwall Using Geomorphic Techniques to Achieve a More Natural Landform, and Stable Drainage Without Riprap and Terraces, *Dan Hause, Indiana Department of Natural Resources*
- 9:00 Experiments in Geomorphic Reclamation On AML Sites in New Mexico, *John Kretzmann, New Mexico Abandoned Mined Land Program*
- 9:30 Restoration of Coldwater Fork following the Martin County Coal Slurry Spill, *George Athanasakes, RIVERMorph, LLC*

10:00 Break

- 10:15 Dutch Creek Reconstruction, Coal Basin Mine, Redstone, CO - Geomorphic Design and Ongoing Geomorphic Development, *Hal Pranger, OSM Western Region*

11:15 Questions for morning speakers

11:30 Lunch

Reclamation of Active Mining Sites

Heather Erikson, Moderator

- 1:00 Application of Geomorphic Principles for the Reclamation of Surface Coal Mines in Wyoming, *Marcelo Calle, Wyoming Department of Environmental Quality*
- 1:30 Baseline Data Collection in Support of Habitat Restoration and Mine Reclamation: Chuitna Coal Mine, Alaska, *Russell Kirkham, Alaska Department of Natural Resources and Terry Brown*
- 2:00 Area A Highwall Final Reclamation Project Design Implementation, *Richard Spang, Western Energy Company*
- 2:30 Enabling Diversity in Reconfigured Landscapes, *David Buckner, President, ESCO Associates, Inc.*

3:00 Break

Implementation Issues, A Panel Discussion (3:15 – 4:45)

Willis Gainer, Panel Moderator

John Guranich, New Mexico Mining and Minerals Division

Tom Hines, Ohio Department of Natural Resources

Wayne Light, Oxford Mining Company

Philip Murphree, Powder River Coal LLC

Gene Robinson, OSM Casper Field Office

John Stucker, Navajo Nation Minerals Department

Closing Remarks

- 4:45 *Willis Gainer, OSM Albuquerque Field Office Director*

Thursday, September 14

***Field Tour of Areas Reclaimed at the San Juan and La Plata Mines
Using a Geomorphic Approach (8:00 – 4:00)***

Buses for the tour will leave from the Brentwood Inn at 8:00 AM and return at approximately 4:00 PM. Lunch and transportation will be provided.

Please note, because this is an active mine site all participants on the field tour must wear steel toe boots, hard hats and safety glasses. So please bring your safety equipment with you if plan to attend the field tour.

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