

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

**September 12-14, 2006
Farmington Civic Center
Farmington, New Mexico**

Tentative Agenda

Tuesday, September 12

8:30 Welcome, Bill Brancard, New Mexico

The Science and Engineering Behind Geomorphic Reclamation

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

1:00 “Use of Natural Regrade for Reclaimed Landscapes”, 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)

Dave Clark, NM Mining and Minerals Division

Collette Brown, San Juan Mine

Greg Perkins, La Plata Mine

End of Day

Wednesday, September 13

Reclamation of Previously Disturbed Lands

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

1:00 “Design Of Mine Closure Landforms Based On Geomorphic Approach”, Les Sawatsky, Anil Beersing, Femi Ade, and Mike Bender, Golder Associates Ltd., Calgary, AB

1:30

2:00 “Application of Geomorphic Principles for the Reclamation of Surface Coal Mines in Wyoming”, Marcelo Calle, Wyoming Department of Environmental Quality

2:30 “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.

3:00 Break

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

John Guranich, New Mexico Mining and Minerals Division

Tom Hines, Ohio Department of Natural Resources

Wayne Light, Oxford Mining Company

Phil Murphree, Powder River Coal LLC
Gene Robinson, OSM Casper Field Office
John Stucker, Navajo Nation Minerals Department

Closing Remarks

4:45 Al Klein, OSM Western Region

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 4:00PM. 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.