PROGRAM

MONDAY, APRIL 27, 2009
4:00 - 8:00 PM  Check in for Field Tour and Forum
at Holiday Inn, 3005 Linden Drive, Bristol, VA 24201; (276) 466-7725

TUESDAY, APRIL 28, 2009
7:00 AM  Continental Breakfast at Hotel
Check in for Field Tour and Forum
7:45 AM  Begin Loading the Vans for Field Tour
8:00 AM  Departure of Vans from Hotel for Field Tour

Long pants are recommended; wear field clothes appropriate for weather.
The tour will include:
(1) Paramount Coal Co. Black Bear No. 1 Surface Mine stream channels restored using natural stream channel design;
(2) Lawson Hollow Surface Mine stream channel reconstruction & riparian vegetation; and
(3) Toms Creek Gob Pile Removal natural stream channel design & improved aquatic habitat.

Lunch
(Included in Field Trip Registration)

5:00 PM  Return of Vans to Hotel from Field Tour
6:00 PM  Dinner at Hotel
(Included in Forum Registration)

WEDNESDAY, APRIL 29, 2009
7:00 AM  Continental Breakfast
(Included in Forum Registration)
Check in for Forum
WEDNESDAY, APRIL 29, 2009 (Cont.)

8:00 AM  Welcome

Jackie Davis, Director, Virginia Department of Mined Land Reclamation, Division of Mines, Minerals and Energy, Big Stone Gap, VA

8:10 AM  Introduction and Purpose of Forum

Kimery Vories, Forum Chairperson, Office of Surface Mining, Alton, IL

8:20 AM  1ST SESSION: ADVANCES IN GEOMORPHIC RECLAMATION

Chairperson: Roger Calhoun, Office of Surface Mining, Charleston, WV

8:25 AM  A Geomorphologist's Perspective on Stream Restoration in Mined Land

Dr. J. Steven Kite, West Virginia University, Morgantown, WV

8:55 AM  Science Basis for Reclamation of Low-Order Streams

Dr. Peter R. Wilcock, Geography and Environmental Engineering, Johns Hopkins University, Baltimore, MD

9:25 AM  Hydrological Functioning of Surface-Mined Watersheds in Western Maryland: Restoration or Reclamation?

Dr. Keith N. Eshleman and Brian C. McCormick, M.Sc., P.E., Appalachian Laboratory, University of Maryland Center for Environmental Science, Frostburg, MD

9:55 AM  Refreshment Break

10:25 AM  Disturbed Land Reclamation Using Geomorphic Techniques: McKinley Coal Mine, New Mexico, Mining Area 12C

Richard Spotts, P.E., Water and Earth Technologies, Inc. (WET)

Marie Shepherd, P.E., Chevron Mining Inc.

Melissa Robson, E.I., & Ryan Wade, E.I., (WET) Fort Collins, CO

Wayne Erickson, CPESC, Habitat Management, Inc.

10:55 AM  Tools for Integrating Geomorphic Reclamation into Planning for Eastern Coal Surface Mines

Dr. Charles Yuill and Michael Hasenmyer, Natural Resource Analysis Center, Environmental Design Visualization Group, West Virginia University, Morgantown, WV
WEDNESDAY, APRIL 29, 2009 (Cont.)

11:25 AM  Interactive Panel Discussion
11:55 AM  Adjourn to Lunch
           (Included in Forum Registration)

1:00 PM  2ND SESSION: GEOMORPHIC RECLAMATION IN APPALACIA

Chairperson: Craig Walker, Office of Surface Mining, Knoxville, TN

1:05 PM  Challenges of Applying Geomorphic and Stream Reclamation Methodologies to Mountain-Top Mining and Excess Spoil Fill Construction in Steep Slope Topography (e.g. Central Appalachia)

Peter Michael and Lois Uranowski, Office of Surface Mining, Pittsburgh, PA
Mike Supervesky, Office of Surface Mining, Morgantown, VA

1:35 PM  Can Appalachian Mine Reclamation be called Sustainable using Current Practices?

Nicholas Bugosh, Carlson Software, Ft. Collins, CO

2:05 PM  Geomorphic Restoration of Coldwater Fork Following Oct. 2000 Slurry Spill

George Athanasakes, P.E., Stantec, Louisville, KY

2:35 PM  Modeling Sediment Loss on Geomorphic Regraded Forest Lands in Kentucky

Dr. Richard Warner, Dr. Carmen T. Agouridis and Dr. Christopher D. Barton, University of Kentucky, Lexington, KY

3:05 PM  Refreshment Break

3:35 PM  Stream Restoration on the Cumberland Plateau, Tennessee

Dennis Clark, Office of Surface Mining, Knoxville, TN
Tim Slone, IRTEC, Caryville, TN

4:05 PM  Case Study - Kentucky: Recreating a Headwater Stream on a Head of Hollow Fill

Dr. Carmen T. Agouridis, Dr. Christopher D. Barton, and R.C. Warner, University of Kentucky, Lexington, KY
WEDNESDAY, APRIL 29, 2009 (Cont.)

4:35 PM  Use of Natural Stream Channel Design Techniques in the Coal Fields of Virginia
          Lance DeBord, D.R. Allen and Associates, Abingdon, VA

5:05 PM  Interactive Panel Discussion

5:35 PM  Adjourn to Social Reception

THURSDAY, APRIL 30, 2009

7:00 AM  Continental Breakfast
          (Included in Registration)

8:00 AM  3RD SESSION: GEOMORPHIC RECLAMATION IN THE WEST

8:05 AM  Integrating Natural Processes with Drainage Reclamation Design in Montana
          Tom Golnar, Shannon Downey, and Julian Calabrese, Montana Department of Environmental Quality, Helena, MO

9:05 AM  The Application of Geomorphic Reclamation Methods in Wyoming
          Marcello Calle and Jonathan Stauffer, Wyoming Department of Environmental Quality, Cheyenne, WY

10:05 AM Refreshment Break

10:35 AM Geomorphic Reclamation in New Mexico: A Regulator’s Perspective
          Dave Clark, New Mexico Mining and Minerals Division, Santa Fe, NM

11:05 AM Geomorphic Reclamation at BHP Billiton New Mexico Coal — Successes, Challenges and Future
          Daphne Place, Collette Brown, and Cary Cooper, BHP-Billiton New Mexico Coal, Farmington, NM

11:35 AM Interactive Panel Discussion

12:00 PM Adjourn to Lunch
          (Included in Forum Registration)
THURSDAY, APRIL 30, 2009 (Cont.)

1:00 PM  4TH SESSION: GEOMORPHIC RECLAMATION IN THE MID-WEST

Chairperson: Bryce West, Peabody Energy, Evansville, IN

1:05 PM  Anthropo-Geomorphology of Streams, Wetlands and Landscapes of the Illinois Basin, and Restoration Techniques

Tim Sandefur, Wetland Services, Inc., Corydon, KY

1:35 PM  Current Stream Mitigation Requirements & Results

Mike Ricketts and Sam Werner, US Army Corps of Engineers, Newburgh, IN

2:05 PM  From Rip Rap to Riffles: The Evolution of Stream Reclamation in the Indiana Coal Fields

Ramona Briggeman, Indiana DNR, Division of Fish & Wildlife, Jasonville, IN


David Lamb, Associated Engineers, Inc., Madisonville, KY

Darrin Parrent, T.H.E. Engineers Inc., Lexington, KY

3:05 PM  Refreshment Break

3:35 PM  Illinois Stream Restoration - Opportunities for Habitat Enhancement: Policy, Principles and Practices


Jack Nawrot, Cooperative Wildlife Research Lab, Southern Illinois University, Carbondale, IL

4:05 PM  Industry Perspective: Past and Current Practices, Benefits and Challenges

Scott McGarvie, Peabody Energy, Evansville, IN

4:35 PM  Interactive Panel Discussion

5:05 PM  Where Do We Go From Here?

Kimery Vories, Office of Surface Mining, Alton, IL

5:15 PM  Adjourn