

NATIONAL TECHNOLOGY TRANSFER TEAM

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February 16-17, 2007

National Engineers Week, Pittsburgh, PA, Carnegie Science Center

Background: OSM-Appalachian Region (AR) will participate in the annual 2-day event highlighting Pittsburgh's engineering community with booths and exhibits from numerous industry, government and consulting groups. Our emphasis this year will be on formation of Acid Mine Drainage, its impact on the local environment and treatment. It will include demonstrations and hands-on experiments of pH, acid formation from coal, and impacts on the aquatic environment. The program encourages young people to consider science and engineering in their future career planning. Staff from AR will run our booth, assist with the experiments and disseminate information about the environmental impacts of coal mining and OSM's role in protecting the environment and public.

Target Audience: Youth groups including Girl Scouts, school groups between the ages of 8 and 14, families and general public. About 400 children and adults are expected to join in the experiments and learn more about coal mining.

Contact: Lois Uranowski, OSM AR Technical Support Division, Technology Transfer (412) 937-2805.

February 25-28 2007

Joint SME/CMA Meeting - 109th National Western Mining Conference & Exhibition, Colorado Mining Association, & 136th Annual Meeting & Exhibit , Society for Mining Metallurgy & Exploration, Inc, Denver, CO

Background: OSM-WR-OTT participates in this annual event as an exhibitor. This year's Conference theme is The Power of Mining – Energy's Influence. The OTT booth distributes information about OSM and showcases successes in reclamation, wildlife habitat enhancement, and paperless permitting. Popular items include CD's relating to various reclamation techniques, research reports, manual, guidelines, and public domain software, in addition to OSM's annual reports and links to OSM's web pages.

Target audience: Reclamation managers, consultants, state and Federal agencies' natural resource specialists, and reclamation staff.

Contact: Paul Clark, 303-844-1400 x1531

March 4 – 7, 2007

Geospatial Information and Technology Association (GITA) Annual Conference 30, San Antonio, Texas, Henry B. Gonzalez Convention Center

Background: GITA is a nonprofit educational association serving the global geospatial community. The mission of GITA is to provide excellence in education, information exchange and applied research on the use and benefits of geospatial information and technology in business, utility and government applications worldwide. Annual Conference 30 will provide you with better ways to plan, design, manage, and maintain your geospatial systems and operations. This event will present a technical program, including in-depth seminars, educational sessions, user forums, panel deliberations, networking socials. This year's conference theme—*Mission Possible*— reflects the idea that each attendee's path at the conference

will lead to them to information and networking to assist in fulfilling missions that are indeed possible.

Target Audience: Anyone who is interested in using geospatial information technologies is invited to attend. Past participants have included executives and managers in government agencies; the public sector; and other organizations interested in using geospatial information to enhance their bottom line.

Topics Covered: Discussion topics involve geographic information systems (GIS), information technology (IT), mobile and field computing, supervisory control and data acquisition (SCADA), network operations management, work management systems, enterprise application integration, critical infrastructure protection, one-call issues, interoperability, and other related technologies.

Contact: GITA Phone: 303-337-0513 E-mail: info@gita.org
or visit GITA on the Web at www.gita.org

March 6-7, 2007

Mine Pool Workshop, Wheeling VA

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The Appalachian Regional Technology Transfer Team will present a 1½ day workshop addressing hydrologic and geochemical issues associated with underground mine-pools.

Target Audience: State regulatory authorities OSM, academia, industry and other agencies.

Topics Covered: mine infiltration and discharge rates, in-mine barrier seepage, permeability of constructed in-mine seals, water quality changes with time and other pertinent issues.

Contact: Lois Uranowski, OSM AR Technical Support Division, Technology Transfer (412) 937-2805.

March 27- 28, 2007

Alabama Technology Transfer Workshop

> LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The MCR conducted two one-day workshops for the Alabama Title IV and Title V programs in Jasper and Birmingham, Alabama. The program will consist of 14 presentations by MCR staff on multiple aspects of technology development and transfer, technical assistance, and training that are available from OSM. These elements are designed to help personnel enhance their skills to meet their performance potential. The interactive program is also intended to improve communication between MCR and the Alabama technical staff.

Target Audience: Technical program staff of both Title IV and V in Alabama.

Topics Covered: The workshop provided presentations by MCR staff on multiple aspects of technology development and transfer, technical assistance, and training that are available from OSM including TIPS, NTPP,

GIS/Geospatial, Mobile Computing, Hydrology, Geology, and Applied Science.

Results: 23 staff members attended the workshop. The staff requested technical follow-up of 11 issues

Contact: Kimery Vories at 618-463-6463 ext. 5103.

March 28-29 2007

NTTP Steering Committee Meeting, San Antonio Texas.

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The purpose of this meeting is to identify OSM, State and Tribal training priorities, recommend training policy, provide guidance to assure the use of creative and innovative training opportunities and periodically evaluate training activity to assure program quality. The Steering Committee reviews plans for proposed technical training activities and recommends priorities for new course development. The Steering Committee also reviews the results of annual Needs Survey and determines how to allocate requests for space in the courses.

Topics Covered: Committee Reports on Regions; Accomplishments and Attendance Update; Course Evaluations; Course Reports; TIPS update; Strategic Plan; Succession Planning for Instructors; 5 Year Planning for Students; Career Series.

Target Audience: State and OSM representatives; invited guests

Contact: Sarah E. Donnelly, NTTP, (202) 208-2826

March31-April 4 2007

Denver Multi-Agency Career Fair, Denver CO

Background: OSM-WR-OTT, along with other Federal agencies, participates in the Denver Federal Executive Board-sponsored career fair on the Auraria Campus (Metropolitan State College of Denver, the University of Colorado at Denver, and the Community College of Denver). This event provides an opportunity for OSM to distribute career-related information to local college students. Students have expressed an interest in, and requested information about, positions in the environmental studies field, wildlife, biology, and geology disciplines.

Target audience: College students in the Denver Metro area.

Topics Covered: Information about, positions in the environmental studies field, wildlife, biology, and geology disciplines.

Contact: Paul Clark, 303-844-1400 x1531

April 4-5, 2007

Appalachian Regional Technology Team Semi-annual Meeting, Lexington, KY

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: OSM's Appalachian Regional (AR) and State Regulatory Authorities within its region participate in the Appalachian Regional Technology Team (ARTT). The purpose of or the ARTT is to ensure the proper transfer of technology within the region by providing a forum to guide regional technology activities and coordinate and communicate regional technology transfer issues.

Topics Covered: The team meeting will include a combination of technical presentations and routine team business.

Target Audience: ARTT members and invited guests.

Contact: Lois Uranowski, 412- 937-2805

April 10-11, 2007

WV Surface Mine Drainage Task Force Symposium, Ramada Inn, Morgantown, WV

Background: The State of West Virginia's Surface Mine Drainage Task Force sponsors this annual meeting to address AMD and related issues in WV. This is the 26th annual Symposium.

Topics Covered: Status of WV mining and reclamation; OSM perspective on mining, AMD and reclamation; selenium impacts and issues; legislative issues related to mining, reclamation, and AMD; AMD Treatment; AML reclamation; ADTI project: Leaching Column Method for Overburden Analysis and Prediction of Weathering Rates.

Target Audience: State and Federal regulators and administrators,; technical experts from industry, state and federal agencies and academia.

Contact: Jeff Skousen, West Virginia University, Morgantown, WV (304) 293 6256 jksousen@wvu.edu

April 16-17, 2007

Indiana Technology Development & Transfer Workshop

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The MCR held a TDT Workshop for the Indiana DNR Division of Reclamation office in Jasonville. This purpose of the event was to increase professional relationships between OSM and State staff, and increase understanding of OSM training, TIPS, technology development and transfer, and technical assistance activities.

Target Audience: Technical program staff of both Title IV and V in Indiana.

Topics Covered: The workshop provided presentations by MCR staff on multiple aspects of technology development and transfer, technical assistance, and training that are available from OSM including TIPS, NTTP, GIS/Geospatial, Mobile Computing, Hydrology, Geology, and Applied Science.

Results: 22 staff members attended the workshop. The staff requested technical follow-up of 16 issues.

Contact: Kimery Vories at 618-463-6463 ext. 5103

April 24-26, 2007

Western Regional Technology Team Annual Conference, Salt Lake City, UT

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The theme of the annual meeting will be how each state approaches bond release applying mobile computing applications. Each state and field office will present how the various applications are being utilized in their programs. This advances an e-permitting component that the WRTT group has been working towards.

Topics Covered: Bond Release, ArcGIS, GPS and Mobile Computing, Remote Sensing.

Target Audience: Western Regional Technical Team State Staff , OSM Western Region staff, and TIPS technical specialists.

Contact: Paul Clark (303) 844-1400 x1531

April 29-May 2, 2007

Interstate Mining Compact Commission, Annual Meeting, Embassy Suites Hotel, Indianapolis, IN

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The Interstate Mining Compact Commission (IMCC), a multi-state governmental agency representing the natural resource and environmental protection interests of its 22 member states, holds an annual meeting in the spring of each year to discuss issues and concerns of the member states, to hear from various speakers, and to present its national reclamation and minerals education awards.

Topics Covered: Several IMCC Standing Committees will meet to discuss a variety of topics including abandoned mine lands, status of OSM's budget and state Title IV and V grants, significant OSM rulemakings, as well as pending studies and other state/federal initiatives in the mining arena.

Target Audience: State and federal regulators and administrators.

Contact: Greg Conrad, IMCC. Phone: (703) 709-8654. E-mail gconrad@imcc.isa.us.

May 7, 2007

Combustion By-Products Recycling Consortium Annual Meeting, Covington, KY

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The CBRC is funded by the U.S. Department of Energy's National Energy Technology Laboratory and is supported by the American Coal Ash Association, the Interstate Mining Compact Commission, and numerous state and corporate sponsors. The CBRC provides seed money to researchers to develop innovative applications for coal combustion byproducts while ensuring their economic and environmental viability. OSM staff serve on the National Steering Committee and as the Midwest Region Chair.

Topics Covered: Review of Current Project status and opportunities for technology transfer. Review of proposal for seeking federal funding to support CCB research priorities identified by the National Academy of Sciences.

Target Audience: CBRC National Steering Committee

Contact: Kimery Vories, OSM MCR (618) 463-6463 x 103

May 7-10, 2007

World of Coal Ash Conference, Covington, KY

Background: This is the only national and international event on technical issues related to recycling of coal combustion by-products into marketable products. It is organized by the American Coal Ash Association and the University of Kentucky Center for Applied Energy Research. This is the second biennial event.

Target Audience: Technical and policy professionals associated with CCP recycling.

Topics Covered: OSM staff from AR and MCR provided an exhibit at this event that advertised the technology transfer products and services that are available from OSM concerning Coal Combustion By-Product (CCB) placement at mines. MCR staff provided a presentation in the first session of the conference on an overview of the regulatory programs that cover CCB mine placement, beneficial applications of CCB mine placement, and the OSM response to the findings by the National Academy of Science including the OSM proposed rulemaking process.

Results: There were over 600 participants at this event.

Contact: Kimery Vories at (618) 463-6463 x 5103.

May 8-10 2007

TIPS 2007 Steering Committee Meeting, (west)

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

May 15-16, 2007

Benchmarking Roundtable Discussion on Subsidence Impacts from Mining , Sheraton Station Square, Pittsburgh, PA

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The Interstate Mining Compact Commission is sponsoring a benchmarking roundtable discussion on Subsidence Impacts from Mining. The meeting is intended to provide an opportunity for state regulatory personnel to interact with and discuss specific, real life, in-the-field examples of both successful and problematic experiences in dealing with subsidence at both coal and noncoal mines.

Target audience: State regulatory personnel with responsibilities for regulating subsidence.

Topics Covered: Various subsidence impact subjects.

Contact: Greg Conrad of IMCC at (703) 709-8654 or gconrad@imcc.isa.us.

May 15-17 2007

Northern Latitudes Mining Reclamation Workshop, Juneau, AK

Background: This workshop is a joint U.S. and Canada project to facilitate interaction on reclamation and remediation methods related to mining. The objective of the Workshop is to bring together governments, industry, First Nations, and Alaska Natives who undertake reclamation/remediation projects or are involved in land management, particularly as related to mining, in the north or in comparable environments, to share information and experiences.

Target audience: Government representatives, industry, First Nations, and Alaska Natives.

Topics Covered: Land management, particularly as it relates to mining in the north or in comparable environments

Contact: Paul Clark, 303-844-1400 x1531

May 30-31, 2007

National Technology Transfer Team Annual Meeting San Antonio, TX

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The purpose of NNTT is to ensure the proper development and transfer of technology among OSM, the states, industry and the public. The meeting will provide a forum to guide NNTT activities and coordinate and communicate regional TT activities.

Topics Covered: The meeting will include a combination of technical presentations and routine team business. At this meeting the team will address applied science initiatives. There will also be presentations on ongoing projects, such the NNTT Website and other technical topics related to mining and reclamation.

Target Audience: Members and invited guests of the NNTT.

Contact: Kimery Vories, Mid Continent Region, (618) 463-6463 x 103

June 2-7, 2007

American Society of Mining and Reclamation (ASMR) Conference, Gillette WY-- 30 Years of SMCRA and Beyond

Background: OSM-WRTT will participate in this annual event as an exhibitor. This conference will provide an opportunity for scientists, researchers, regulators, and mining and reclamation personnel to exchange information, share ideas, and meet together. The target audience consists of industry reclamation managers, researchers and technical staff, consultants, state and Federal agencies' natural resource and reclamation staff.

Topics Covered: Innovations in Revegetation; Plant Community Diversity; Forestry; Landscape Stability; Below ground evaluation of reclamation success; Reclamation Success Evaluation Case Studies; Bond Release Case Studies; Coal Bed Methane Water Utilization/Disposal; Reclamation of Land Impacted by Coal Bed Methane, Natural Gas, and Oil Production; Acid Mine Drainage Impacts; and Reclamation of Hard Rock Mining *Abstracts due September 30, 2006.*

Target Audience: Reclamation professionals

Contract: Dick Barnhisel ASMR5@insightbb.com Website: <http://ces.ca.uky.edu/asmr/>

June 18-22 2007

ESRI 2007 User Conference, San Diego, CA

June 20-21, 2007

Indiana Bat and Coal Mining: Revised Recovery Plan Workshop, Indianapolis, IN

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The USFWS published a revised Indiana Bat Recovery Plan on April 16, 2007. The revised recovery plan has the potential to impact coal mining and reclamation operations in the States of Alabama, Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Ohio, Pennsylvania, Tennessee, Virginia, and West Virginia. The goal of the Recovery Plan Workshop is to bring together representatives of all of the mining related constituents that will be potentially impacted by the revised Indiana Bat Recovery Plan. At the workshop, each interest group will be provided with the best possible information and interaction opportunities so they can develop the best possible recommendations to the U.S. Fish & Wildlife Service during the 90 day comment period for the proposed recovery plan.

Topics Covered: Update of Indiana Bat population trends, mining industry trends, recovery plan, and regulatory experience. Interest group breakout sessions. Interactive development of recommendations to Fish and Wildlife Service.

Target Audience: Representatives of State Regulatory Authorities, OSM, State Wildlife Agencies, USFWS, and University experts concerned with protection of the Indiana bat associated with coal mining.

Contact: Kimery Vories, Mid Continent Region, (618) 463-6463 x 103

June 26-27 2007

ARCC Annual OSM/States Meeting, Morgantown, WV

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

July 31- Aug 1, 2007

National Technology Transfer Meeting, Hampton Inn Denver West, Golden, CO

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The purpose of this meeting is to develop improved communication tools, exhibit methods, web tools, and regional coordination. TIPS will coordinate.

Topics Covered: Exhibit Equipment, Design, and Strategies for Sales”person”ship; Website Improvement and areas of content/graphics that need to be added; Getting to know your exhibit audience; Exhibit Coordination between Regions; Event development, management, and post event delivery. OSM-wide NTT ’08 budget; Partnership opportunities (ASMR 2008, 2009 and 2010, SME); Applied Science Report Monitoring Process; Cascading information; State Travel Complexity

Target Audience:

Contact: Duane O. Matt, Technology Coordinator/TIPS Training and Technology Transfer, OSM Denver, CO; 303-844-1400 x1421; Fax #: 303-844-1546; E-mail: dmatt@osmre.gov

August 7 – 8, 2007

Mined Land Reforestation Conference, Abingdon, Virginia

Background: This event is being hosted by Virginia Tech's Powell River Project and by Virginia Department of Mines, Minerals and Energy, and sponsored by ARRI. The conference will call attention to advanced mine reforestation practices being developed through scientific research, highlight advanced mine reforestation practices that are being adopted by the coal industry, and present scientific research findings with the potential to further improve mine reforestation success.

Target Audience: The intended audience will be personnel representing mining firms, owners of mineral-bearing lands, mining industry consultants, natural resource agencies, scientists and researchers with mine reforestation expertise, students, and other interested members of the public.

Topics Covered: Conference activities will include presentations by scientific, industry, and agency personnel who are involved with the development and application of coal mine reforestation practices, and a field tour of research sites and operating mines where advanced mine reforestation practices are being developed and utilized.

Contact: Lois Uranowski, OSM AR Technical Support Division, Technology Transfer (412) 937-2805.

August 14-15, 2007

Regional Mine Mapping Workshop, West Virginia Geological and Economic Survey, Morgantown, WV

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: IMCC will host another regional benchmarking workshop on underground mine mapping, to be presented Jointly by the states of West Virginia and Kentucky.

Topics Covered: Overview of Kentucky Mine Mapping Program ; Navigating Mine Maps in KY; Collecting and processing mine maps; Using mine maps to compile mined areas; Putting mine maps in a geologic context; Setting up the GIS and delivering the data on the web; Hands-on demonstrations and/or presentations of case studies.

Target Audience: State and federal regulators and administrators.

Contact: Greg Conrad, IMCC. Phone: (703) 709-8654. E-mail: gconrad@imcc.isa.us.

August 21, 2007

Illinois Mining Institute, Springfield, IL

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: MCR staff presented a talk on the status of CCB rulemaking.

Topics Covered: Use of CCBs in mine reclamation and status of CCB rulemaking.

Target Audience: Illinois Mining Institute staff

Contact: Kimery Vories, Mid Continent Region, (618) 463-6463 x 103

August 28-29, 2007

Western Region Leadership Meeting Residence Inn, Denver, CO

>**LIMITED INTEREST MEETING - BY INVITATION ONLY**<

Background: WR worked with WIEB to set up this meeting.

Topics Covered: Discussions focused on Title V funding, Reg 8 reporting, AML fund distribution procedures, pending rulemakings. Presentations were also provided by TIPS and representatives from the WRTT.

Contact: Lou Hamm, 303-844-1400 x1475

September 1-4 2007

Taste of Colorado Festival, Denver CO

◆ **OSM EXHIBIT ON DISPLAY** ◆

Background: OSM-WR-OTT participates in this annual 4-day event as a co-exhibitor with the Colorado Mining Exhibit Foundation, a non-profit education organization. This year's theme is "Improving the Image of Mining."

Topics Covered: The OTT booth distributes information about OSM and showcases successes in reclamation and wildlife habitat enhancement. Popular items include CD's relating to various reclamation techniques and research reports, in addition to OSM's annual reports and links to OSM's web pages.

Target audience: Voters, Teachers, and families with children.

Contact: Paul Clark, 303-844-1400 x1531

September 5-7 2007

Coal Mining and Aquatic Environment Symposium, Abingdon, VA

◆ **OSM EXHIBIT ON DISPLAY** ◆

Background: The Nature Conservancy, U.S. Fish and Wildlife Service, and their partners are convening a symposium to address stakeholders in discussions of coal mining and the conservation of the rare aquatic biota in the central Appalachians. The symposium will foster better understanding of coal mining technology and aquatic resource conservation, and mitigation opportunities and priorities. For more information go to the website: www.cpe.vt.edu/cmrs

Topics Covered: The symposium addresses the freshwater fauna and their environmental requirements, water quality, coal mining technology, chemistry and toxicology of coal-related processes, abandoned mined land impacts, and innovative environmental control technologies. The geographic focus area is the Tennessee and Cumberland River basins, with an emphasis on the Clinch, Powell and Big South Fork Cumberland River systems. Related studies throughout the Appalachians and other regions of the country are also welcome.

The symposium offers invited platform and solicited poster presentations of original research or reviews on mining effects on the aquatic environment, stream recovery and restoration, and clean coal technology.

Target audience: Federal, state, and local government professionals, university faculty and students, coal mining industry representatives, experts from environmental consulting and environmental law firms, and public stakeholders.

Contact: Jess Jones, Restoration Biologist-USFWS, Fisheries and Wildlife Science, College of Natural Resources, (540) 231-2266; Email: Jess.Jones@fws.gov or Braven Beaty, Aquatic Ecologist, The Nature Conservancy, Abingdon, Virginia; 276-676-2209; Email: bbeaty@tnc.org

September 9-12, 2007

National Association of State Land Reclamationists (NASLR) 35th Annual Meeting, Crowne Plaza Resort, Asheville, NC

◆ OSM EXHIBIT ON DISPLAY ◆

Background: The theme of this conference is: "Effective resource and reclamation management"

Topics Covered: Technical presentation topics include groundwater, water quality, surface water, wetlands, land use, air, wildlife resource management, community involvement in reclamation planning, case histories, mining practices on steep slopes and acid mine drainage, and emerging technologies (e.g., GPS controlled heavy equipment). The annual meeting field trip will showcase reclaimed mining sites in the Spruce Pine District known for its industrial minerals (feldspar, quartz and mica)..

Target Audience: State and federal regulators and administrators.

Contact: Jeff Reid (jeff.reid@ncmail.net -- 919.733.2423 x403), or Floyd Williams (floyd.williams@ncmail.net - 919.733.4574 x719)

September 11-13, 2007

Mid-Continent Region Technology Transfer AMD Workshop, Collinsville, IL

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: This regional workshop will focus on sharing of innovative technology (both materials and or practice) in use (or planned use) for treatment/prevention of AMD. A one day field exercise will prepare a design for re-mediation of AMD. The last day will focus on case studies from several States on restoration of AMD Impacted Watershed areas and Performance Measures to determine success of AMD work.

Topics Covered: AMD treatment/prevention technologies.

Target Audience: State abandoned mine land staff that design and evaluate AMD abandoned sites.

Contact: Kimery Vories, OSM MCR (618) 463-6463 x 103

September 13, 2007

**Hispanic Engineering and Science Organization Career Fair,
University of New Mexico, Albuquerque, NQ**

Background: OSM participated in this event as a means to recruit students to fill OSM's rapidly declining workforce.

Topics Covered: Dan Rivers and Duane Matt spent the day telling students about OSMRE's mission, what career opportunities were available within the federal government, and specifically, what career opportunities were available within OSM. The pair spoke to hundreds of students. They collected 12 resumes and completed questionnaires from many of the very motivated and well trained students. The majority of the students that stopped by the booth had engineering degrees. Most had electrical or chemical engineering degrees due to the schools close proximity to the INTEL Corporation, Sandia Laboratories and Los Alamos Labs. There were still enough civil engineers to make the event worthwhile. Many of the students also had computer science and environmental science degrees.

Target audience: College engineering and environmental science students.

Contact: Duane O. Matt, Technology Coordinator/TIPS Training and Technology Transfer, OSM Denver, CO; 303-844-1400 x1421; Fax: 303-844-1546; E-mail: dmatt@osmre.gov

September 18-19, 2007

AR TT Team Meeting, Canaan Valley Resort, Davis, WV

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The ARTT team meets on a semi-annual basis to discuss technology transfer issues of concern and develop technology transfer initiatives for the upcoming fiscal year.

Topics Covered: Technology transfer in Appalachia, NTTT web site updates and presentations on some completed Applied Science Projects. Also a field trip to in-stream AMD treatment facility and other mining related sites is planned.

Target Audience: Members of the ARTT team that include the seven Appalachia states and OSM. Other invitees include the NTT team and invited guests.

Contact: Lois Uranowski, OSM (AR) 412 937-2805

September 20, 2007

**Hispanic Engineering and Science Organization Career Fair,
New Mexico Institute of Mining & Technology, Socorro, NM**

Background: Warren (Jerry) White Vern Maldonado attended the Career Fair at New Mexico Tech. They answered questions from students regarding careers in government service, what types of degrees OSM is looking for, how OSM's selection process works, what is expected of employees in different pay levels, pay and benefits, job application criteria and process, etc. Surprisingly, many students had not seriously considered a career in government service. The question and answer session was directed by Ms. Chelsea Buffington, Director, Career Services & Manager, Fidel Student Center, who bridged the gap between students and sponsors.

Some students were surprised to realize that there are many technical positions in Science and Engineering in government. There is a belief that those jobs are exclusive to private industry. Students in attendance said that they saw the Federal government jobs from a new perspective as a result of the session.

During the Career Fair, approximately 60 students received OSM literature and a total of 21 Resumes were collected.

The recruiters were asked by Ms. Siona Curtis–Bradley if OSM would be willing to have someone from the Bureau give a presentation on Environmental Science Opportunities, Soils Work Relative to Mine Reclamation, Biological Impact Assessment and Revegetation as part of NM Tech's Environmental Science course being taught by Dr. Bruce Harrison (bruce@nmt.edu). They are also interested in the modeling done by OSM through Technical Transfer / TIPS. The school routinely brings in technical professionals from various public and private sector entities, in order to give students a feel for the environmental science field and opportunities relative to the field.

Topics Covered: engineering and science careers in government service, including what types of degrees OSM is looking for to fill future positions.

Target audience: College engineering and environmental science students.

Contact: Duane O. Matt, Technology Coordinator/TIPS Training and Technology Transfer, OSM Denver, CO; 303-844-1400 x1421; Fax: 303-844-1546; E-mail: dmatt@osmre.gov

September 23-28 2007

**Society of Exploration Geophysicists, 77th Annual Meeting,
San Antonio, TX**

Background: Introducing the Office of Surface Mining and SMCRA to the Annual meeting of exploration geophysicists is the main goal of the exhibit, highlighting the technical fields in surface mining and reclamation, and their dependence on the knowledge and research of geological scientists. The SEG organization, which has 25,000 members worldwide, will showcase the newest technologies of the exploration industry.

Topics Covered: In addition to field trips, the conference technical program and its short courses are a forum for learning and experience. Traditionally, the conference provides an opportunity for attending geophysicists, geologists, earth scientists, energy industry executives, researchers, regulators & software developers involved in all phases of the discovery, development, evaluation and utilization of oil, gas mining and environmental technologies to exchange information, share ideas and meet together.

Target audience: geophysicists, geologists, earth scientists, energy industry executives, researchers, regulators & software developers.

Contact: Paul Clark, 303-844-1400 x1531

October 4-5, 2007

Texas Surface Mining & Reclamation Workshop, College Station, TX

◆ OSM EXHIBIT ON DISPLAY ◆

Background: This annual workshop sponsored by the Texas cooperative extension program and the agricultural experiment stations will feature talks focusing on lignite mining and reclamation in Texas, Louisiana, and Mississippi.

Topics covered: Issues addressed this year will be groundwater quality, section 404 permitting, acid seeps, soils, weed management and use of GIS.

Target Audience: Coal industry, university researchers, and State reclamation staff for the State of Texas and Louisiana. Normal attendance from 80 to 100 participants.

OSM MCR Exhibit: The **exhibit** will feature a 30 years of SMCRA poster. Updated technology transfer products and services will be provided.

Contact: Kimery Vories, OSM MCR (618) 463-6463 x 103

October 7-10 2007

NAAML National Association of Abandoned Mine Lands 29th Annual Conference, Bloomington, IN

◆ OSM MCR EXHIBIT ON DISPLAY ◆

Background: This annual Conference of the association of State AML programs will feature technical sessions, workshops, and tours.

Topics covered: Administration and technical aspects of abandoned mine land reclamation. Several technical presentations from OSM.

Target Audience: State, Tribal, and Federal Regulatory Program staff, consultants, and university personnel that deal with Abandoned Mine Land Reclamation. Normal attendance from 120-250 participants.

OSM MCR Exhibit: A double space **exhibit** will emphasize 30 years of SMCRA poster sized for the MCR 10 foot display in the center. Pull up displays on either side will illustrate ARRI, CCB Forum proceedings from Columbus Ohio, and AML topics. Headquarters staff will participate to emphasize 30 year anniversary and State/Tribal/Federal partnerships in successful AML programs. MCR will be lead exhibitor with assistance from AR & WR. Advise Kim Vories concerning additional exhibit materials and exhibit staffing.

Contact: Kim Vories 618-463-6463 x 5103.

October 16-17, 2007

Interstate Mining Compact Commission, Mid-Year Meeting, Marriott Hotel, Park City, UT

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The Interstate Mining Compact Commission (IMCC), a multi-state governmental agency representing the natural resource and environmental protection interests of its 24 member states, holds a mid-year meeting in the fall

of each year to discuss issues and concerns of the member states and to hear from various speakers.

Topics Covered: Several IMCC Standing Committees will meet to discuss a variety of topics including abandoned mine lands, status of OSM's budget and state Title IV and V grants, significant OSM rulemakings, benchmarking initiatives, as well as pending studies and other state/federal initiatives in the mining arena.

Target Audience: State and federal regulators and administrators.

Contact: Greg Conrad, IMCC. Phone: (703) 709-8654. E-mail: gconrad@imcc.isa.us.

October 26-27, 2007

2007 American Chemistry Week, Carnegie Science Center, Pittsburgh, PA

Background: The Appalachian Region participates in this event because our participation in a similar event (Engineer's Week) has been so successful that other groups want us. Of course, another reason is it gives OSM the opportunity to do out-reach and to make a difference. Employees of the AR work with hundreds of school-age kids, educators and parents during this event. Their goal is to foster public awareness of coal mining, its potential impacts and OSM's efforts to assure environmental protection. We have a lot of fun, the kids visiting the booth are great and you get to spend time at the science center!

Contact: [Lois Uranowski](mailto:Lois.Uranowski@osm.doe.gov), OSM Appalachian Region, (412) 937-2805

October 28-31 2007

Geological Society of America, Annual Meeting, Denver CO

◆ OSM EXHIBIT ON DISPLAY ◆

Background: Office of Technology Transfer (OTT), WRCC exhibit at the Geological Society of America Annual Meeting will feature Technology Transfer and Technical Assistance topics under the heading of Geologists' Role in Mining and Reclamation (<http://www.geosociety.org/meetings>).

Topics Covered: Introducing the Office of Surface Mining and SMCRA will be the main goal of the exhibit, highlighting the technical fields in surface mining and reclamation, and their dependence on the knowledge and research of geological scientists. The inter-relationships of hydrology, soils, rocks and climate as they affect mining and successful post-mining reclamation scenarios are topics that few students are exposed to during college, but must deal with as part of their chosen minerals-related career. The web availability of technical reports, and the reclamation handbooks, guidebooks and proven success techniques, and proceedings of Interactive Forums on Bond Release in the arid, semi-arid West are of great interest to graduating candidates as well as veteran reclamationists, and are great teaching tools for faculty. In addition, students are interested in career opportunities with the Department of Interior & its' agencies, and skills needed for the types of jobs available.

Target Audience: Students looking for a career in environmental protection and/or reclamation fields. Faculty teaching depositional environments, geochemistry, hydrology, environmental geology, and reclamation classes.

Contact: Paul Clark, 303-844-1400 x1531

November 26-30, 2007

Autodesk University Annual User Conference and Exhibition, Las Vegas, NV

Background: Autodesk University is the world's largest annual gathering of Autodesk users, including working professionals, industry experts, and Autodesk executives. This event combines a deep-learning environment with a trade show and a mix of business and social activities—all designed to provide attendees with opportunities to learn new skills and build valuable business relationships. For more information, go to website: <http://www.autodeskevents.com/au2007>.

Topics covered: Changes and improvements in Autodesk solutions; practical tips and techniques; various classes on how to manage, share design and project information digitally across entire workflow; needs of federal and state/local government agencies.

Target Audience: Professionals interested in technical issues related to Autodesk software solutions.

Contact: Duane O. Matt, 303-844-1400 x1421

December 3-5, 2007

Indiana Surface Mining & Reclamation Symposium Jasper, IN
> LIMITED INTEREST MEETING - BY INVITATION ONLY <
◆ OSM EXHIBIT ON DISPLAY ◆

Background: The annual conference focuses on issues related to coal mining in Indiana. Technical workshops will be available.

Topics covered: There will be one day of talks. OSM has been asked to present a talk and exhibit on the results of the Indiana Bat Workshop.

Target Audience: Professionals interested in technical issues related to coal mining and reclamation in Indiana.

Contact: Andrew Gilmore 317-226-6164

December 4-5, 2007

Benchmarking Workshop on Surface and Ground Water Database Development and Use, New Orleans, LA
> LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The purpose of this workshop is to share and discuss information regarding the development and use of databases related to surface and ground water data and information. The workshop will consist of several presentations from both state and federal agency representatives regarding the nature and operation of their database programs. It will also provide an opportunity for attendees to discuss a plethora of issues related to database development and use.

Topics Covered: State developed internal databases or electronic permitting systems that provide for the collection, storage and manipulation of surface and ground water data and Risk Based Data Management System (RBDMS). Presentations on these topics will be followed by an extensive opportunity

for interactive discussion. Several of these presentations will feature live web-based applications.

Target Audience: State and federal agency personnel who are involved with the permitting of coal and noncoal mining operations.

Contact: Greg Conrad, IMCC. Phone: (703) 709-8654;
gconrad@imcc.isa.us.

December 5-6, 2007

7th Annual Applied Research Conference, Athens, Ohio

Background: This conference provides mineral resources professionals with an opportunity to discuss current issues, new research and technologies related to mineral resource extraction throughout the Ohio Valley. The focus of the conference will be on recent legislation and research related to energy sources, mineral extraction, and restoration techniques

Target Audience: The conference is viewed as a valuable resource for state and federal reclamation and environmental protection specialists, regulatory agency personnel, university researchers, mineral extractions and reclamation professionals; policy decision-makers, and watershed restoration groups.

Contact: Beth Wilson (ODNR) at Beth.Wilson@dnr.state.oh.us or 614-265-6901. You can also find more up-to-date info on this conference at www.ohio.edu.noncredit/DMRM.htm