

**NATIONAL TECHNOLOGY TRANSFER TEAM
2008 TECHNOLOGY TRANSFER EVENTS CALENDAR
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2008 EVENTS

February 12-13 2008 **ARTT Team Meeting, Columbus, OH**

> LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The ARTT team meets on a semi-annual basis to discuss technology transfer issues of concern and rank the 2008 Applied Science Proposals.

Topics Covered: Technology transfer in Appalachia, and deliberations and ranking of the 2008 Applied Science Proposals.

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

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

February 12-14 2008 **110th National Western Mining Conference, *Mining Matters*, Westin Tabor Center, Denver, CO**

Background: Hosted by the Colorado mining association, the 110th National Western Mining Conference & Exhibition will draw mining professionals from throughout Colorado and around the world.

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

February 20-21 2008 **NTTT Annual Meeting, Holiday Inn Riverwalk, San Antonio, TX**

> LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The purpose of NTTT 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 NTTT 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 NTTT Website and other technical topics related to mining and reclamation.

Target Audience: Members and invited guests of the NTTT.

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

February 24-27 2008 **2008 SME Annual Meeting and Exhibit, Salt Lake City, UT**

Background: OSM-WR-OTT participates in this annual event as an exhibitor. 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: 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

February 27 2008

Approximate Original Contour (AOC) - Technical Workshop, Chief Logan State Park Lodge and Conference Center, US 119 (Corridor G) Logan County, WV

Background: The workshop is being hosted by the Coal Permitting Quality Control (QA/QC) Panel, which is comprised of WVDEP, Environmental and Industry representatives in cooperation with the Office of Surface Mining Reclamation and Enforcement (OSMRE). The workshop could provide professional development hours (pdh) for engineers and certificates will be issued upon completion. There is no charge for attending. However, interested parties are encouraged to pre-register for the workshop and indicate lodging needs, if any.

Topics Covered: AOC related issues.

Target Audience: Technical consulting, environmental, government, industry or other interested parties are encouraged to attend.

Contact: Ms. Cindy Lawson, WVDEP , e-mail: clawson@wvdep.org ; phone: 304-926-0499 ext. 1504. AOC related questions regarding the workshop should be directed to Mr. Mark Holstine, WVDEP, e-mail: mholstine@wvdep.org; phone: 304-926-0499 ext. 1505.

March 11-13 2008

Coal Ash Professional Training Course (EERC), San Antonio, TX

Background: This well-established course is hosted by the longest-running coal ash research program in the world (University of North Dakota Energy & Environment Research Center EERC). Course instructors include established ash managers and marketers, industry consultants, members of the academic and research community, and government representatives. Kim Vories from OSM MCR will be a speaker at this event.

Topics Covered: Topics include: (1) how CCBs are viewed from a coal company, electric generating company, marketer, and regulatory perspective; (2) implications of environmental initiatives and emerging specifications on coal ash; (3) updates on the industry's latest Hot Topics including IGCC by-products and FGD materials; (4) tricks of the trade from those who successfully utilize coal ash; and (5) options for recovering disposed coal ash and disposal site development.

Target Audience: Anyone working in the coal ash utilization field. Participants attending the complete Coal Ash Professionals Training Course are eligible to earn 2.0 continuing education units (CEUs). Professional Engineers will earn 15 professional development hours (PDHs).

Contact: University of North Dakota EERC at (701) 777-4814 or toll free at (866) 261-3677, or register online at www.conted.und.edu/extension/coalash.html.

March 24-28 2008

Geospatial Conference and 2nd National Meeting of SMCRA Data Stewards, Atlanta GA

◆ OSM EXHIBIT ON DISPLAY ◆

Background: OSM in conjunction with the Interstate Mining Compact Commission (IMCC), National Association of Abandoned Mine Land Programs (NAAML), and the Western Interstate Energy Board (WIEB) is organizing a conference on "Incorporating Geospatial Technologies into SMCRA Business Processes"

Topics Covered: This conference is aimed at demonstrating the use of geospatial technologies in the SMCRA business processes.

Target Audience: State and federal agency personnel who are involved with the application of geo-spatial technology in mining operations.

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

March 26-28 2008

Interstate Technical Group on Abandoned Underground Mines (ITGAUM), 7th Biennial Meeting, Kansas City, MO

Background: The theme for this meeting will be "Mine Planning and Remediation -- Foundation for the Future." We are actively seeking participants among state and Federal agencies, consultants, mining companies, and other interested parties who possess interest in, or practice methods of addressing abandoned underground mines needing remediation and closure.

Topics Covered: abandoned underground mine remediation, abandoned mine detection by geophysical means, and state-of-the-art mine practice

Target Audience: state and Federal agencies, consultants, mining companies, and other interested parties

Contact: Tom Lefchik, DOT, [Ohio Division Office](http://www.ohio.gov), 614-280-6845, thomas.lefchik@fhwa.dot.gov

March 27-29 2008

Minorities in Agriculture, Natural Resources, and Related Sciences (MANRRS) 23rd Annual Conference, Denver, CO

◆ OSM EXHIBIT ON DISPLAY ◆

Background: MANRRS promotes academic and professional advancement by empowering minorities in agriculture, natural resources, and related sciences. MANRRS attempts to provide networks to support professional development of minorities. It is a springboard for their entry into and advancement in careers where they otherwise could be lost in the sheer number and established connections of mainstream participants. MANRRS offers students opportunities to enhance

leadership and organizational and public speaking skills and to experience professional critique of scholarly work in a "user friendly" environment. MANRRS professional members are often the only, or one of few, minority participants in their basic disciplinary societies or at their career locations.

Topics Covered: OSM Technical Innovation and Professional Services (TIPS) Innovations will host an exhibit during the career fair, and offer an informational workshop following the career fair: Electronic Tools for Mined Land Reclamation. The workshop will consist of a brief lecture on the processes for coal mining and reclamation of mined lands, and a description of GPS, GIS, and Remote Sensing and Mobile Computing Technologies and electronic instruments that are being used to assure land reclamation to approximately similar land forms, topography, and drainage patterns.

Target Audience: Industry reclamation managers, researchers and technical staff, consultants, state and Federal agencies' natural resource and reclamation staff.

Contact: Paul Clark, OSM Western Region, (303) 293-5065

March 31-April 3 2008 Beneficial Use of Industrial Materials Summit , Denver, CO

Background: The summit takes a materials management approach for reuse and recycling to better align with existing and developing strategic plans for achieving the environmentally safe beneficial use of industrial materials. It is designed to provide a forum for the exchange of information and ideas about beneficial use among regulators, industry, and other stakeholders. The Summit supports discussions: (a) between industry and regulators to increase the understanding of the beneficial use of industrial materials and regulatory programs; (b) among state regulators to share information and experiences on beneficial use regulations and determination processes; (c) among industries to share experiences on successful reuse and recycling, and to assess the potential to utilize each others' materials, and (d) among researchers, nonprofit representatives, industry, and regulators to share information and concerns regarding risk assessment, beneficial use determinations, environmental safety, and new research. Kim Vories from OSM MCR will be a speaker at this event.

Topics Covered: State Environmental Regulatory Decisions; Product use in transportation, agriculture, building construction, and mining; barriers to use; and research trends.

Target Audience: Representatives from the private sector, reuse and recycling community, non-profit organizations, trade associations, researchers, and local, state and federal government agencies

Contact: Kerry Callahan at kerry@astswmo.org. online at <http://www.beneficialusesummit.com/2008/index.html>

April 22-23 2008

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

◆ OSM EXHIBIT ON DISPLAY ◆

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

27th annual Symposium. Sponsored by the West Virginia Mine Drainage Task Force and the WV Coal Association

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
jskousen@wvu.edu

April 22-24 2008

**OSM Western Region Technology Transfer Annual Team Meeting,
Denver, CO**

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The Western Region Technology Transfer Team was initiated in 1995. While implementing the Surface Mining Control and Reclamation Act (SMCRA), each regulatory authority encounters technical programmatic challenges, and continues to adapt to advances in technology. The Western Region Technology Transfer Team facilitates the identification, prioritization, and resolution of regional technical issues through utilization of emerging technologies and techniques. Issue resolution may include the development of work groups, site specific evaluation, interactive forums and technical symposia, and workshops.

Topics Covered: The Western Region Technology Transfer Team will conduct a remote sensing workshop for Regulatory and AML Tribal, State, and Federal Program team members. The workshop will focus on Concept of Remote Sensing, Types of Imagery, Imagery Acquisition, and Data Manipulation.

Target Audience: Regulatory and AML Tribal, State, and Federal Program Technology Transfer Team Members

Contact: Duane Matt, OSM Western Region Technology Transfer Team Leader, (303) 293-5072

May 18-21 2008

**Interstate Mining Compact Commission Annual Meeting, Teton
Mountain Lodge and Spa, Jackson, WY**

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The Interstate Mining Compact Commission (IMCC), a multi-state governmental organization representing the natural resource and environmental protection interests of its 24 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 annual national reclamation and mineral education awards.

Topics Covered: Several IMCC Standing Committees will meet to discuss a variety of topics including abandoned mined lands, the 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 or Beth Botsis, IMCC, Herndon, VA (703) 709-8654 or gconrad@imcc.isa.us or bbotsis@imcc.isa.us

June 9-11 2008

US/North American Mine Ventilation Symposium, Reno, NV

Contact: Dr. Pierre Mousset-Jones, 775-784-6959 www.unr.edu/ventsymp2008

June 9-11 2008

Science Strategy Meeting on the White Nose Syndrome in Bats, Albany NY

Background: Kim Vories attended this meeting, to ensure that the OSM Bats and Mines Initiative takes into account the latest research findings regarding this important health risk to bats. The purpose of the meeting was to inform the participants on the scientific findings to date and to develop both scientific and management strategies for determining the cause, potential effects and mitigative strategies, and management options. Six species of bats have been impacted including the endangered Indiana bat, a species of significant interest in 14 coal mining states. While the disease has not yet been positively verified from coal producing states, where it has been found, mortality rates have exceeded 90% in some hibernacula. The national Indiana bat census will be taking place during early 2009 and will include observations to determine the extent to which the syndrome is impacting other states.

Topics Covered: Causes, potential effects, mitigative strategies, and management options.

Target Audience: Federal agency personnel, representative State staffs from New York and surrounding States, university biologists and Bat Conservation International (a non-profit group).

Contact: Kimery Vories, OSM (MCR) 618-463-6463 x 5103

June 10 2008

Indiana Bat Coordination Meeting, Atlanta, GA

Background: PTSB chief, Len Meier met with other OSM, State and Fish and Wildlife Service (FWS) participants to kick off the initial meeting of the Indiana Bat Working Group. This meeting follows up discussions between OSM and FWS management regarding improving consistency and effectiveness of protection and enhancement plans for Indiana Bats on SMCRA mine sites under the 1996 Biological Opinion.

Len worked with Lois Uranowski from the OSM Appalachian Region and FWS leadership to kick off the working group meeting by discussing

Topics Covered: historical perspectives of the Indiana bat issue, regional consistency, team charter and expectations for the workgroup.

Target Audience: OSM, State and Fish and Wildlife Service (FWS) participants; OSM Working Group members (Ian Dye, Craig Walker); State Working Group members (Tim Taylor, Indiana; Richard Wahrer, Kentucky; Bob Fala, West Virginia). State members were chosen by the Interstate Mining Compact Commission.

Contact: Kimery Vories, OSM (MCR) 618-463-6463 x 5103

June 15-19 2008

American Society of Mining and Reclamation, 25th Annual Meeting, Richmond, VA

◆ OSM EXHIBIT ON DISPLAY ◆

Background: Richmond, Virginia, home of the USA's first commercial coal mine, will host the 25th Annual Meeting of the American Society of Mining and Reclamation. In addition to ASMR's historical concentration on coal and metal mining applications, this meeting's program and field trips will focus on remediation of other disturbances such as exposure of acid-sulfate materials, mineral sands mining, dredge spoil placement, and wetland impact mitigation. This conference will provide an opportunity for scientists, researchers, regulators, and mining and reclamation personnel to exchange information, share ideas, and meet together.

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.

Industry reclamation managers, researchers and technical staff, consultants, state and Federal agencies' natural resource and reclamation staff.

Contract: Program Chair: W. Lee Daniels, wdaniels@vt.edu, Dept CSES, Virginia Tech, 540-231-7175

June 17-19 2008

LatAm Mining Congress 2008 Westin Colonnade, Coal Gables, FL

Contact: Michael Weinberg 212-379-6320 Michael.weinberg@terrapinn.com ; www.terrapin.com/2008/latmining

June 26 2008

OSM Mid-Continent Region Upper Midwest Reforestation Initiative Meeting, Terre Haute, IN

> LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The OSM Mid-Continent Regional Office (MCR) is going to expand its reforestation efforts in the mid-continent states. As a first step in this effort, the MCR is interested in assessing the suitability of applying the Forestry Reclamation Approach (FRA) to reforestation of reclaimed mine lands in the Mid-Continent States.

Topics Covered: The basic agenda would be: (1) a presentation from one of the ARRI staff on lessons learned from implementation of the FRA in Appalachia; (2) short presentations for each of the participants on their assessment of the applicability of the FRA or some modification thereof to increase and improve reforestation success and prevalence in the Mid-Continent States; and (3) an open discussion on ideas and issues presented and suggestions for future efforts by OSM.

Target Audience: The MCR has invited key representatives from the upper Midwestern States (total of 10 to 12) from academia, mining regulatory authorities, and the industry.

Contact: Kimery Vories, OSM (MCR) 618-463-6463 x 5103

June 29-July 1 2008

Rocky Mountain Coal Mining Institute 104th Convention and Annual Meeting, Canyons Resort in Park City, UT

Contact: Rocky Mountain Coal Mining Institute, 303-948-3300;
bcoen@rmcmi.org ; www.rmcmi.org.

July 22 2008

OSM Mid-Continent Region Lower Midwest Reforestation Initiative Meeting, Austin, TX

> LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The OSM Mid-Continent Regional Office (MCR) is going to expand its reforestation efforts in the mid-continent states. As a first step in this effort, the MCR is interested in assessing the suitability of applying the Forestry Reclamation Approach (FRA) to reforestation of reclaimed mine lands in the Mid-Continent States.

Topics Covered: The basic agenda would be: (1) a presentation from one of the ARRI staff on lessons learned from implementation of the FRA in Appalachia; (2) short presentations for each of the participants on their assessment of the applicability of the FRA or some modification thereof to increase and improve reforestation success and prevalence in the Mid-Continent States; and (3) an open discussion on ideas and issues presented and suggestions for future efforts by OSM.

Target Audience: The MCR has invited key representatives from the lower Midwestern States (total of 10 to 12) from academia, mining regulatory authorities, and the industry.

Contact: Kimery Vories, OSM (MCR) 618-463-6463 x 5103

August 5-7 2008

Mined Land Reforestation Conference, Chief Logan State Park, Logan, WV

Background: The program will present efforts in the Appalachian Region and give recent research findings and practical applications on improving reforestation success.

Topics Covered: The five steps of the Forestry Reclamation Approach will be highlighted and examined in depth.

Target Audience: The conference is intended for people in the coal industry, land holding companies, mining and reclamation consultants, land owners, regulatory personnel, scientists and students.

Contact: James M. Taitt, 412-937-2106, jimtaitt@osmre.gov

August 12-13 2008

Annual OSM Internal Technology Transfer Team Meeting, National Harbor, MD

> LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: The meeting will provide a forum for OSM to develop and guide its NTTT activities and to coordinate and communicate regional TT activities.

Topics Covered: Applied Science Program; effectiveness of Applied Science Cooperative Agreements; NTTT website Improvement; OSM-wide NTTT '09 budget; Exhibit Equipment, Design, and Strategies; Event Development, management, and post event delivery; Partnership opportunities.

Target Audience: OSM members of the NTTT and invited guests.

Contact: Kimery Vories, OSM (MCR) 618-463-6463 x 5103

August 12-14 2008

2008 Pennsylvania Abandoned Mine Reclamation and Coal Heritage Conference, Ramada Inn and Conference Center, State College, PA

Background: The aftermath of over a century's worth of unregulated coal mining in Pennsylvania has taken its toll on the land, water and communities where the mining occurred. The magnitude of these problems is too extensive for government alone to tackle. We recognize that local partnerships comprised of government, industry, academia and community groups who take upon themselves the task of fixing problems on a local level is a meaningful way to get more done, more quickly. "Watershed Organizations", local volunteers banding together have repeatedly shown their worth in spearheading local reclamation efforts on a local level. They expand the reach of government. The folks comprising watershed groups provide the needed spark, but often lack the technical, organizational, and financial means to support reclamation efforts on their own. This conference is geared toward helping watershed organization volunteers with some of the knowledge and contacts they will need in tackling AMR in their local communities.

Topics Covered: Abandoned Mine Reclamation Topics; New approaches to treating AMD; timely topics- topics that are relevant to the AMR community today; vendors- what services and/or materials they have that will help each community in their abandoned mine reclamation work; Coal Mining Heritage Topics; current preservation activities- presentations from groups throughout Pennsylvania's coal regions who are actively pursuing preservation in their communities; Our collective past- presentations on a wide variety of topics related to the people, places, things and events that shaped our coal mining past and continue to shape our future.

Target Audience: Watershed groups; community groups; state, local and federal government employees; companies; non-profit organizations; academics and students

Contact: All the contact information for the conference can be found at <http://2008.treatminewater.com>

September 9-11 2008 **Appalachian Region Technology Transfer Team Fall 2008 Meeting, Annapolis, MD**

Background: The Office of Surface Mining Reclamation and Enforcement's (OSM) Appalachian Region Technology Transfer Team (ARTT) conducted their Fall Team Meeting in Annapolis MD. This 2 ½ day meeting focused on updating the ARTT team on technology transfer initiatives with sharing of technology news from States; presentations on final reports of technical assistance and applied science projects and updates from NTTP, TIPS and IMCC.

Topics Covered: Technology transfer in Appalachia; ASTM Data Standards, Causation of Delbarton Mine Blowout, 2009 Applied Science review process, and team discussion on future workshops.

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

Contact: David Lane: (412-297-9346)

September 10-11 2008 **Illinois Mining Institute 115th Annual Meeting, Crowne Plaza Hotel, Springfield, IL**

Contact: Nancy Cline: 618-536-6631; imi@engr.siu.edu

September 14-17 2008 **National Association of State Land Reclamationists, (NASLR) Champion, PA**

Background: OSM-ARTT will participate in this annual event as an exhibitor, sponsor and presenter. This conference will provide an opportunity for researchers, regulators, and mining and reclamation personnel to exchange information, share ideas, and meet together. The annual meeting field trip will showcase reclaimed bituminous coal and limestone surface mines in southwestern Pennsylvania, coal refuse reclamation, and several innovative acid mine drainage treatment projects. See

http://www.dep.state.pa.us/dep/deputate/minres/BMR/conference/2008_NASLR_conference.htm or <http://www.crc.siu.edu/naslr/home.htm>

Topics Covered: Reclamation The agenda is not yet complete. Please submit abstracts to Michael Smith at michaesmit@state.pa.us.

Target Audience: Researchers and technical staff of surface mineral mines with much time devoted to surface coal mines. , consultants, vendors, state and Federal agencies' natural resource and reclamation staff and reclamation professionals.

Contract: Michael Smith at 814-342-8200 or michaesmit@state.pa.us.

September 16-17 2008 **Western States/OSM Annual Leadership Meeting 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: Duane Matt, OSM Western Region Technology Coordinator, (303) 293-5072

September 22-23 2008 Mid-Continent Region Technology Transfer AMD Workshop, Fort Smith, AR

>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-remediation 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: Nick Grant, OSM MCR (618) 463-6463 x 5148

September 22-24 2008 MineExpo 2008, National Mining Association , Las Vegas, NV

◆ OSM EXHIBIT ON DISPLAY ◆

Background MINExpo International is held in Las Vegas every four years, and routinely attracts over 30,000 attendees from mining and reclamation industries' communities, with a large contingent of international visitors. It is the mining industry's premier showcase for companies specializing in every facet of mining: open pit, underground, processing and preparation, mine site development, exploration and surveying, smelting and refining, and reclamation. Exhibitors include manufacturers of equipment, suppliers of parts and products, consultants, and providers of mining-related services for exploration, mine development, production, processing/preparation, materials handling, environmental remediation, safety, and much more.

Topics Covered: Technical sessions will cover surface mining, underground mining, processing, safety and health, exploration, bulk materials handling, new mine development, air, industrial minerals, coal, and reclamation.

The OSMRE Director, Brent Wahlquist, will present the Title V Program reclamation awards during the event.

Target Audience: Mining industry reclamation managers, production, operations, maintenance and engineering personnel, geologists, and other managers/executives; researchers and technical staff; consultants; state and Federal agencies' natural resource and reclamation staff.

Contract: Duane Matt, OSM Western Region Technology Transfer Team Leader, (303) 293-5072. Visit: <http://www.minexpo.com/>

Hall-Erickson, 800-752-6312; 630-434-7779; email: minexpo@heexpo.com.

October 5-8 2008

Geological Society of America, Annual Meeting, Houston, TX

◆ OSM EXHIBIT ON DISPLAY ◆

Background: The 2008 Joint Meeting of The Geological Society of America, American Society of Agronomy, Crop Science Society of America, Soil Science Society of America, Gulf Coast Association of Geological Societies with the Gulf Coast Section of SEPM. Hosted by the Houston Geological Society.

Topics Covered: 28 Interdisciplinary sessions. Topics covered in this exciting series include biofuels production, Aeolian research, emerging contaminants in water/soils/sediments, impacts of energy development on water resources, soil physics and Vadose Zone hydrology, and many more

Target Audience: Earth Science professionals

Contact: Paul Clark, 303-844-1400 x1531

October 6-7 2008

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.

Contact: Kimery Vories, OSM (MCR) 618-463-6463 x 5103

October 12-15 2008

Texas Mining and Reclamation Association Annual Meeting Corpus Christi, TX

Background: The annual meeting of owner/operators, support members, exhibitors, and visitors for mining and reclamation in the State of Texas. Brent Wahlquist the Director of OSM will be speaking this year of the OSM Reforestation Efforts. OSM MCR will be providing an exhibit on reforestation efforts in the Mid-Continent Region.

Topics Covered: Topics include speakers on issues related to the mining industry in Texas.

Target Audience: The Texas mining industry and supporting entities.

Contact: Carmen Sparks, Luminant, 903-577-5160

October 24-25 2008

American Chemical Society's National Chemistry Week: "Having a Ball With Chemistry," Carnegie Science Center, Pittsburgh, PA

◆ OSM EXHIBIT ON DISPLAY ◆

Background: National Chemistry Week inspires the next generation of chemists through presentations and demonstrations that increase awareness and interest in everyday chemistry. Elementary and high school students have the opportunity to talk with professional chemists, engineers and even other students about career choices in science while getting their hands dirty in actual chemistry experiments and other activities at Carnegie Science Center's annual celebration of National Chemistry Week.

Topics Covered: The 2008 theme "Having a Ball with Chemistry," will focus the experiments and hands on activities on the chemistry of sports and tying into the 2008 Olympics. AR will participate with hands-on demonstrations of mining and OSM's role in regulating environmental impacts, specifically acid mine drainage.

Target audience: elementary school, middle school and high school students.

Contact: Michael Mautino, NCW Coordinator, Pittsburgh Section ACS; Phone: 412-777-4792

October 26-29 2008

NAAMLPA National Association of Abandoned Mine Lands 30th Annual Conference, Durango, CO

◆ OSM 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.

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.

Contact: Paul Clark, Western Region Technology Coordinator, (303) 296-5065
Steve Renner, Colorado Inactive Mines Program, (970) 241-0336
steven.renner@state.co.us

November 13-14, 2008

Enhancing Mine Subsidence Prediction and Control Methodologies for Long-Term Landscape Stability, OSM Appalachian Regional Office, Computer Classroom, Pittsburgh, PA

>LIMITED INTEREST MEETING - BY INVITATION ONLY <

Background: This 2-day class supported by TIPS presents the findings of the 2007 Applied Science Project: "Enhancing Mine Subsidence Prediction and Control Methodologies for Long-Term Landscape Stability". The class will be conducted by principal investigators from Virginia Tech. The aim of it is to provide the user of the

Surface Deformation Prediction Model (SDPS) to improve the prediction of mine subsidence control by providing better ground deformation prediction for long-term stability.

Topics covered: The program covers collecting data on regional subsidence engineering parameters and developing alternate formulations for subsidence and ground deformation characteristics, enhancement of the calibration of subsidence, and the effect of potential secondary sliding of surface layers during subsidence.

Target Audience: This classroom event is geared to those who conduct subsidence prediction modeling.

Contact: Tom Mastaller, 412-937-2108, tmastaller@osmre.gov

November 18-20 2008 Blasting Workshop, Oglebay Park, Wheeling, WV

Background: Blasting specialists around the nation are routinely challenged with the complexity of blasting related issues. The blasting workshop will provide a forum for State and Federal personnel to discuss blasting technologies and regulatory strategies.

Topics Covered: Blaster Certification, Permitting, Enforcement, Complaint Investigations, Adverse Effects of Blasting, New Blasting Technologies

Target Audience: State and Federal blasting specialists.

Contact: Ken Eltschlager, 412 937 2169, keltschlager@osmre.gov

November 18-19 2008 Interstate Mining Compact Commission Mid-Year Meeting, Crowne Plaza Downtown Hotel, St. Louis, MO

>LIMITED INTEREST MEETING - BY INVITATION ONLY<

Background: The Interstate Mining Compact Commission (IMCC), a multi-state governmental organization representing the natural resource and environmental protection interests of its 24 member states, holds a Mid-Year Meeting in the fall of the year to discuss issues and concerns of the member states and to meet with federal agency representatives.

Topics Covered: Several IMCC Standing Committees will meet to discuss a variety of topics including abandoned mine lands, 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 program administrators.

Contact: Greg Conrad or Beth Botsis, IMCC, Herndon, VA (703) 709-8654 or gconrad@imcc.isa.us or bbotsis@imcc.isa.us.

December 8-9, 2008 Indiana Surface Mining & Reclamation Symposium Jasper, IN

◆ OSM EXHIBIT ON DISPLAY ◆

Background: The annual conference focuses on issues related to coal mining in Indiana. Technical workshops will be available on NPDES permitting, Seeing into the Earth, and Blaster Retraining.

Topics covered: There will be one day of talks.

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

Contact: Colleen Baughman (812) 665-2207 cbaughman@dnr.IN.gov

December 8-12, 2008

TIPS Service Manager Workgroup Meeting, Pittsburgh, PA, Airport Marriot

>LIMITED INTEREST MEETING - BY INVITATION ONLY<

Background: The Service Manager Workgroup Meeting was initiated in response to increased activity of TIPS Service Managers nationwide. Specifically in the Appalachian Region of OSM, most of the Service Managers were new and requested training on the TIPS mission, program offerings, and processes.

Topics Covered: This workgroup meeting included briefings on the TIPS Mission, Charter, Disciplines, Software Distribution Process, as well as roundtable discussions to isolate past challenges and solutions Service Managers encounter when carrying out their role.

Target Audience: OSM TIPS Service Managers.

Contact: Tonya Buckmaster, 276-523-0042 xt. 13, tbuckmaster@osmre.gov

APPENDIX: NTTP AND TIPS COURSES

NATIONAL TECHNICAL TRAINING PROGRAM (NTTP) Nationwide (closest proximity to student offices)

Background: The National Technical Training Program is designed to increase the technical competence and professionalism of Federal, State, and Tribal personnel. The program provides critical updates on the latest technological advances in mining and reclamation technology and fosters consistent application of standards by providing training related to permit approval, reclamation and enforcement and bond release. The program works to ensure that the succession planning goals of surface mining agencies providing training or cross-training in 37 technical, legal, and programmatic areas. All efforts of the program from needs identification through instruction are a joint effort of State, Tribal, and OSM teams. 85% of students are from the States and Tribes. 40% of instructors are from States, 50% from OSM, and 5% from the DOI Solicitors' office. See Appendix for course list.

NATIONAL TECHNICAL TRAINING PROGRAM (NTTP) COURSES

Acid-Forming Materials (6 courses)
Abandoned Mine Land Design Workshops (highwalls, fires, openings, subsidence, landslides)
Blasting (basic and advanced)
AML Project Management
AML Realty
Bonding (legal and cost-estimation)
Effective Writing
Engineering (basic and spoil handling)
Inspection (2 courses)
Instructor Training
Historic and Archeological Resources (2 courses)
Hydrology (2 courses)
Legal (enforcement procedures, evidence preparation, expert witness)
NEPA Procedures
Permit Findings
Soils & Revegetation (2 courses)
SMCRA & ESA
Underground Mining (2 courses)
Wetlands

**Technical Innovations and Professional Services (TIPS) Software Application Training
Program TIPS Training Centers
(Alton, IL, Denver, CO, Pittsburgh, PA and Customer sites)**

TIPS provides training in the use of its software applications as a core business activity. TIPS have offered reclamation-focused core software training for nearly a decade. The importance of this program to the overall success of TIPS is best expressed by a Steering Committee member who said that, “Training, training, and training” were the top three priorities of his state regarding TIPS services. TIPS computer application training is performed at the three TIPS Computer Training Centers in Alton, Denver, and Pittsburgh, with need-based customer on-site training where appropriate. See Appendix for course list.

TIPS Courses

Advanced Topics for Permitting and Reclamation using AutoCAD
AMDTreat for Acid Drainage Treatment Cost Estimation
Analyzing Environmental Monitoring Data Using StatGraphics Plus
ARCGIS Spatial Analyst: for Mining and Reclamation
ArcPAD 6: Mobile GIS for Reclamation Mapping and Analysis
Autodesk Map for Permitting and Reclamation
Blast Log Evaluation Program (BLEP)
CAD Applications for Permitting and Reclamation
Galena Slope Stability Analysis
GeoExplorer 3 GPS & PF Office: Advanced GPS Mapping for Recl.
GPS Analyst for ArcGIS
Image Analysis and Stereo Analyst for ArcGIS
Intro to ArcGIS - ArcINFO 8.X Desktop for Mining & Reclamation
Intro to Remote Sensing & Photogrammetry for Permitting & Insp. Using ERDAS Imagine
Introduction to ArcGIS for Mining and Reclamation
Modeling and Analysis with Groundwater Vistas
SDPS: Surface Deformation Prediction System
SEDCAD Applications and Extensions for Mine Permitting and Reclamation
Statistics Workshop: Interpretation of Water Quality Data using Statgraphics and AquaChem
SurvCADD for Reclamation and Permitting
Testing and Analysis of Aquifer Characteristics with AQTESOLV
Trimble GeoXT, Terrasync and PF Office: Mobile Computing for Reclamation
Underground & Surface Mine Mapping with Autodesk Raster Design & Autodesk Map
Underground Mine Mapping with GIS
Water Quality Analysis using AQUACHEM

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GLOSSARY

LIMITED INTEREST MEETING This term reflects meetings/conferences that are generally by invitation only reflecting limited focus and interest. These meetings are held primarily by standing teams, steering committees, task forces, etc.

Acronyms

AML	Abandoned mine Land
ACSP	Appalachian Clean Streams Program
ADTI	Acid Drainage Technology Initiative
ARCC	Appalachian Regional Coordinating Center
ARTTT	Appalachian Regional Technology Transfer Team
ASMR	American Society of Mining and Reclamation
CAD	Computer-Aided Design
CCB	Coal Combustion Byproducts
CHIA	Cumulative Hydrologic Impact Assessment
CIA	Cumulative Impact Area
DGPS	Digital Global Positioning Systems
DOE	Department of Energy
EPA	Environmental Protection Agency
FBC	Fluidized Bed Combustion
GIS	Geographic Information System
GPS	Global Positioning Systems
IMCC	Interstate Mining Compact Commission
ISM	Information System Management Division
MCRCC	Mid-Continent Regional Coordinating Center
NTTP	National Technical Training Program
NTTT	National Technology Transfer Team
OSM	Office of Surface Mining
OSM-HQ	Office of Surface Mining-Headquarters
OSM WAN	OSM Wide Area Network
PHC	Probable Hydrologic consequences
R&D	Research and Development
RD-WRCC	Regional Director, Western Regional Coordinating Center
SME	Society for Mining Metallurgy and Exploration
SMCRA	Surface Mining Control and Reclamation Act
TIPS	Technical Innovations and Professional Services
TIPS TEAM	TIPS National Team
TIPS-SC	TIPS Steering Committee
WIEB	Western Interstate Energy Board
WRCC-OTT	Western Regional Coordinating Center-Office of Technology Transfer
WRTT	Western Regional Technical Team