

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

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**2010 Events Archive**



**U.S. Department of the Interior  
Office of Surface Mining  
Washington, DC**

# TABLE OF CONTENTS

<b>2010 EVENTS</b>	.....	<b>3</b>
<b>February 3-4, 2010</b>	<b>NTTP Steering Committee Meeting, New Orleans, LA.....</b>	<b>3</b>
<b>February 7 – 11, 2010</b>	<b>63rd Society for Range Management (SRM) &amp; 50th Weed Science Society of America (WSSA) Joint Annual Meeting, Working Landscapes Providing for the Future, Sheraton Denver Downtown Hotel, Denver, CO.....</b>	<b>3</b>
<b>Feb. 28-March 3, 2010</b>	<b>2010 SME Annual Meeting &amp; Exhibit--100 Years of Mining Research, Phoenix Convention Center, Phoenix, AZ .....</b>	<b>4</b>
<b>May 11-13, 2010</b>	<b>The Technical Innovation and Professional Services (TIPS) Steering Committee Meeting, Santa Fe, New Mexico .....</b>	<b>4</b>
<b>April 6-7, 2010</b>	<b>Wyoming Reclamation &amp; Restoration Symposium: Recent Successes and Current Challenges .....</b>	<b>5</b>
<b>April 11 - 14, 2010</b>	<b>Interstate Mining Compact Commission Annual Meeting, Marriott Grand Hotel, Point Clear, AL .....</b>	<b>5</b>
<b>April 13-14, 2010</b>	<b>Mid-Continent AMD Workshop at the Drury, INN, Evansville, IN .....</b>	<b>6</b>
<b>April 18-22, 2010</b>	<b>MidAmerica GIS Consortium (MAGIC), Westin Crown Center, Kansas City, MO .....</b>	<b>6</b>
<b>April 26-30, 2010</b>	<b>2010 DOI Conference on the Environment, Portland, OR.....</b>	<b>7</b>
<b>June 5-11, 2010</b>	<b>2010 JOINT CONFERENCE--27th Annual Meeting of the American Society of Mining &amp; Reclamation, 12th Annual Pennsylvania Abandoned Mine Reclamation Conference, 4th Annual Appalachian Regional Reforestation Conference, Pittsburgh, PA.....</b>	<b>8</b>
<b>June 23-24, 2010</b>	<b>International Advanced Coal Technologies Conference, Laramie, Wyoming.....</b>	<b>9</b>
<b>July 28-29, 2010</b>	<b>NTTP Steering Committee Meeting, (TBD) .....</b>	<b>9</b>
<b>August 31-Sept 3, 2010</b>	<b>Protecting threatened Bats at Coal Mines: A Technical interactive Forum, Charleston, WV .....</b>	<b>10</b>
<b>September 12-15, 2010</b>	<b>38<sup>th</sup> Annual Conference of the National Association of State Land Reclamationist – Call for Papers/Presentations, Carbondale, Il .....</b>	<b>10</b>
<b>September 19-22, 2010</b>	<b>National Association of Abandoned Mine Lands (NAAML) 32nd Annual Conference, Scranton, PA.....</b>	<b>10</b>
<b>2011 EVENTS</b>	.....	<b>Error! Bookmark not defined.</b>
<b>May 17-19, 2011</b>	<b>Mid-Continent Region Natural Stream Design Workshop, Mount Vernon, IL.....</b>	<b>Error! Bookmark not de</b>
<b>APPENDIX</b>	<b>NTTP AND TIPS COURSES .....</b>	<b>12</b>
<b>APPENDIX</b>	<b>NTTP AND TIPS COURSES .....</b>	<b>12</b>
<b>GLOSSARY</b>	.....	<b>14</b>

## 2010 EVENTS

**FEBRUARY 3-4, 2010**

### **NTTP STEERING COMMITTEE MEETING, NEW ORLEANS, LA**

**>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.

Topics Covered: FY 2009 and 2010 accomplishments, new course proposals, Regional, TIPS, and Instructor Advisory Council Reports, as well as updates on course revisions.

Target Audience: State and OSM representatives; invited guests

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

**FEBRUARY 7 – 11, 2010**

### **63RD SOCIETY FOR RANGE MANAGEMENT (SRM) & 50TH WEED SCIENCE SOCIETY OF AMERICA (WSSA) JOINT ANNUAL MEETING, WORKING LANDSCAPES PROVIDING FOR THE FUTURE, SHERATON DENVER DOWNTOWN HOTEL, DENVER, CO**

Background: The purpose of this conference is to learn how to manage for Invasive Species, Open Spaces, Sustainable Livestock Production, Drought, and Conservation of our Natural Resources; hear World renowned speakers at an Invasive Plant Symposium. Online registration for the 2010 Annual Meeting is now up & running and can be accessed at: [2010 Annual Meeting Online Registration](#)

Topics Covered: All aspects on Natural Resource Management. Advances in Weed Science: Management in Agronomic Crops, Horticultural Crops, Herbicide Formulation, Adjuvant and Application Technology, Weed Physiology, Biology and Ecology; Integrated Weed Management System.

Target Audience: Experts in Land and Natural Resource Management, Range Ecology, Watershed Management, Livestock Production.

Contact: Society for Range Management, 10030 W 27th Avenue, Wheat Ridge, CO 80215-6601; 303-986-3309; fax: 303-986-3892; email: [dmyran@montana-wcc.com](mailto:dmyran@montana-wcc.com)

**FEB. 28-MARCH 3, 2010 2010 SME ANNUAL MEETING & EXHIBIT--100 YEARS OF MINING RESEARCH, PHOENIX CONVENTION CENTER, PHOENIX, AZ**  
**◆ OSM EXHIBIT ON DISPLAY ◆**

Background: The OSM National Technical Transfer Team” (NTTT) participates in this annual event as an exhibitor. The NTT booth distributes information about OSM, such as Applied Science program information, 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, tribal and Federal agencies' natural resource specialists, and reclamation staff.

Contact: Duane O. Matt, Technology Coordinator/TIPS Training and Technology Transfer, OSM, Denver, CO; 303-293-5072; Fax: 303-293-5058 E-mail:

[dmatt@osmre.gov](mailto:dmatt@osmre.gov) . Conference website:

<http://www.smenet.org/meetings/details/?meeting=2010%20SME%20Annual%20Meeting%20%26%20Exhibit>

**MAY 11-13, 2010**

**THE TECHNICAL INNOVATION AND PROFESSIONAL SERVICES (TIPS) STEERING COMMITTEE MEETING, SANTA FE, NEW MEXICO**  
**>LIMITED INTEREST MEETING - BY INVITATION ONLY <**

Background: The Technical Innovation and Professional Services (TIPS) Steering Committee meets annually to guide the direction and emphasis of OSM’s National TIPS program of providing technology tools to SMCRA offices and personnel nationwide.

Topics Covered:

- (1) Innovation
- (2) TIPS Training Program
- (3) TIPS Website
- (4) Software use

Target Audience: Steering Committee members only. Limited interest meeting by invitation only. State and OSM representatives.

Contact: Louis Hamm, TIPS Manager, 303-293-5061

**APRIL 6-7, 2010**

**WYOMING RECLAMATION & RESTORATION SYMPOSIUM: RECENT SUCCESSES AND CURRENT CHALLENGES**

Background: The Wyoming Reclamation and Restoration Symposium is the first meeting of its kind in Wyoming, intended to bring together reclamation professionals from all Wyoming industries involved in Land Reclamation and Restoration. The symposium will feature speakers from resource extraction industries such as mining and oil and gas producers, pipeline and power transmission line installers, wind energy producers, highway construction contractors, land reclamation and restoration contractors, seed and plant materials producers as well as state and federal regulatory agencies. The goal of the symposium is to provide a forum for land reclamation professionals to discuss recent advances and current challenges in our work in Wyoming and to facilitate communication and sharing of ideas among practitioners in our field.

Topics Covered:

- (1) Reclamation issues in the various natural resource extraction industries in WY.
- (2) Regulatory issues involving reclamation.
- (3) Recent advances and current challenges in reclamation in WY.

Target Audience: Those working within the field of or interested in land reclamation and restoration.

Contact: Robin Long, Office Manager, Wyoming Reclamation and Restoration Center; (307) 766-3576; [rlong5@uwyo.edu](mailto:rlong5@uwyo.edu) or Pete Stahl, Director, Wyoming Reclamation and Restoration Center; (307) 766-2179 or on the web [http://www.uwyo.edu/wrrc-symposium/default\\_text.asp](http://www.uwyo.edu/wrrc-symposium/default_text.asp)

**APRIL 11 - 14, 2010**

**INTERSTATE MINING COMPACT COMMISSION ANNUAL MEETING, MARRIOTT GRAND HOTEL, POINT CLEAR, AL**

**>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 the year to discuss issues and concerns of the member states, to meet with federal agency representatives, 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 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](mailto:gconrad@imcc.isa.us) or [bbotsis@imcc.isa.us](mailto:bbotsis@imcc.isa.us).

**APRIL 13-14, 2010**

**MID-CONTINENT AMD WORKSHOP AT THE DRURY, INN, EVANSVILLE, IN**

Background: This is the fourth Mid-Continent Region AMD workshop focusing on treatment of acid mine drainage.

Topics Covered: The workshop will have an emphasis on the use of bioreactors in the treatment of AMD, and covered topics will range from the evolution, construction, and modeling of bioreactors to other AMD remediation technologies. Speakers will be representing a wide range of organizations and programs that are actively involved in AMD remediation and research in the mid-continent region. The workshop will include field excursions to several of Indiana's AMD-affected sites. These sites will be in varying stages of reclamation and will demonstrate practical applications of bioreactors and other AMD remediation techniques.

Target Audience: Participants are State, Federal and Industry representatives involved in the design, construction, and monitoring of passive treatment AMD systems.

Contract: OSM contact Nick Grant (618) 453-6460 x 5148 [ngrant@osmre.gov](mailto:ngrant@osmre.gov); Indiana contacts Randy Hoffman and Laura Montgrain (812) 665-2207.

**APRIL 18-22, 2010**

**MIDAMERICA GIS CONSORTIUM (MAGIC), WESTIN CROWN CENTER, KANSAS CITY, MO**

Background: GIS covers such a broad range of subjects, applications and types of people that use it, that developing a conference program that meets everyone's needs is a challenging task. Even more challenging is an attendee trying to figure out exactly which sessions or topics will be most interesting and helpful. MAGIC 2010 is intended to focus the content of the presentation options into a program specifically geared to each attendee's needs.

Topics Covered: Safe and Healthy: Using GIS in the public safety and health industries; Public Face of GIS: Moving GIS to the web and out to the public for mass consumption; Professional Development: Becoming a better GIS professional; Smart Growth: Managing the growth of communities with GIS; Saving Time and Money: Using GIS to become more efficient in what we do; Imagery and Remote Sensing; Establishing linkages between GIS users having similar application interests; Facilitating communication and data sharing across levels of government and between government, industry and academia; Promoting spatial data standards and land records modernization; Promoting collaboration and advancement of geospatial technologies

Target Audience: All GIS users

Contact: [AMBER.REYNOLDS@AECOM.COM](mailto:AMBER.REYNOLDS@AECOM.COM); 816.474.4400 Fax: 816.391 4438;  
[HTTP://WWW.MAGICGIS.ORG/](http://WWW.MAGICGIS.ORG/)

**APRIL 26-30, 2010**

**2010 DOI CONFERENCE ON THE ENVIRONMENT, PORTLAND, OR**

Background: The conference will provide a forum for Interior staff to meet and exchange information on a wide variety of environmental and natural resource topics and issues. It is being sponsored by the Office of Environmental Policy and Compliance and hosted by the National Park Service. Concurrent sessions will be held including training sessions, educational field trips, exhibits, papers, panels and poster presentations.

Topics Covered: Expected topics covered include: Energy; Transportation; Environmental management systems; Greenhouse gases and climate change; Sustainable practices, such as sustainable buildings, electronics stewardship, green procurement and solid waste management; NEPA; Environmental liabilities; Emergency Response – ESF 10 and 11; and Environmental compliance. Some subject matter training (HazMat and other) will be offered as well.

This conference can be an opportunity to focus on some of the Secretary's goals of: fostering a greater sense of stewardship in our youth for natural and cultural resources; enabling the capacity to increase water conservation among our customers in the West; increasing the potential for production and transmission of renewable energy resources on DOI managed lands; establishing a working multi-bureau approach for mitigating climate change on our lands; empowering Native communities; and protecting our treasured landscapes and the great outdoors.

Target Audience: All DOI employees.

Contact: For additional conference information, go to:  
<http://www.doi.gov/greening/conference/index.html>

**JUNE 5-11, 2010 2010 JOINT CONFERENCE--27TH ANNUAL MEETING OF THE AMERICAN SOCIETY OF MINING & RECLAMATION, 12TH ANNUAL PENNSYLVANIA ABANDONED MINE RECLAMATION CONFERENCE, 4TH ANNUAL APPALACHIAN REGIONAL REFORESTATION CONFERENCE, PITTSBURGH, PA**

Background: The American Society of Mining & Reclamation (ASMR), the Office of Surface Mining (OSM) and the Pennsylvania Abandoned Mine Reclamation Committee are conveners of this joint conference, which has as its theme: Bridging Mining Reclamation, Science and the Community. Although not always recognized or valued, there has always been a need to tie reclamation science and the communities it serves. In many parts of the country, local community groups join forces with government and industry to amplify the amount of work that is done. The partnerships forged are essential in enabling the actual reclamation work. This conference integrates some of the technical and non-technical issues with the intent to impart knowledge, exchange ideas, and share lessons learned to create bridges, the result being the opportunity for a unique conference with something for everyone.

Topics covered: Technical Session topical areas include: Water Management, Forestry and Wildlife, Refuse and Tailings Management & Reclamation, Geotechnical Engineering, Soils and Overburden, Ecology, Land Use and Design, Science, Community & Reclamation Special Session, and Case Studies. The Science, Community, and Reclamation (SCR) session topics, which will encompass presentations on a wide variety of subject matter relating to the implementation of mine reclamation projects, provide an opportunity to share information and experiences on fundamental and practical issues concerning Abandoned Mine Reclamation.

Workshops will tentatively cover: Mine Geochemistry; Acid Mine Drainage Treatments; Stream Restoration; Soils Reclamation; Riparian/Wetland Restoration. Potential field tours will be on: Mountaintop mining in Central West Virginia; Underground Longwall Mining; Stream Restoration, and Acid Mine Drainage treatment sites in northern West Virginia.

Target audience: Specialists in the field of mining and reclamation, and the SCR Sessions will be of interest to a broader audience, from community volunteers to the practicing professionals.

Contact: Lois Uranowski, OSM (AR), 412-937-2805; Conference website: [www.PghMiningReclamationConf.com](http://www.PghMiningReclamationConf.com)



**JUNE 23-24, 2010**

**INTERNATIONAL ADVANCED COAL TECHNOLOGIES CONFERENCE, LARAMIE,  
WYOMING**

Background: For two days in June, policy makers, technology developers, and industry leaders from the largest coal-producing regions in the world will gather in the heart of the Rocky Mountain West's coal country.

Sponsored by the University of Wyoming and The University of Queensland, Australia, the conference will allow participants to share best practices and technology advances, and it will encourage cooperation among nations.

Topics Covered:

- (1) Coal gasification and combustion
- (2) Coal bed methane
- (3) Carbon management, fuels and chemicals derived from coal

Target Audience: Authors, researchers, policy makers, technology developers and industry leaders from the largest coal-producing regions in the world.

Contact: For more information or to ask questions of conference organizers, please email [info@advancedcoalconference.com](mailto:info@advancedcoalconference.com) or call 1.970.599.5848.

**JULY 28-29, 2010**

**NTTP STEERING COMMITTEE MEETING, (TBD)**

**>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 an annual Needs Survey and determines how to allocate requests for space in the courses.

Topics Covered: FY 2010 accomplishments, FY 2011 Needs Survey results, new course proposals, Regional, TIPS, and Instructor Advisory Council Reports, as well as updates on course revisions.

Target Audience: State and OSM representatives; invited guests

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

**AUGUST 31-SEPT 3, 2010 PROTECTING THREATENED BATS AT COAL MINES: A TECHNICAL INTERACTIVE FORUM, CHARLESTON, WV**

◆ OSM EXHIBIT ON DISPLAY ◆

Background: This forum will assess the impact to all hibernating bat species in the eastern half of the U.S. of the recent deadly outbreak and spread of a fungus, new to the North American continent, known as the White Nose Syndrome. The forum will also assess the effectiveness of the newly developed Range-wide Indiana Bat Protection and Enhancement Plan Guidelines for developing coal mining permits for an endangered bat species developed as a joint effort by the U.S. Fish and Wildlife Service, the Office of Surface Mining, and the Interstate Mining Compact Commission. This forum is necessary to inform all of the affects states and agencies of the cooperative efforts that will be necessary to protect this important life form.

Topics Covered:

- (1) Whitenose Syndrome Impacts on Bats and Mining
- (2) Federal Efforts for the Recovery of the Indiana Bat
- (3) Status of State Permitting/Recovery/Mitigation/Implementation Strategies
- (4) Status of On the Ground Recovery Efforts
- (5) Ongoing research Efforts and Research Needs

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

Contact: Kimery Vories (Forum chairperson) at 618-463-6463 x 5103, on the internet at [www.techtransfer.osmre.gov](http://www.techtransfer.osmre.gov), or register online at [www.dce.siu.edu](http://www.dce.siu.edu).

**SEPTEMBER 12-15, 2010 38<sup>TH</sup> ANNUAL CONFERENCE OF THE NATIONAL ASSOCIATION OF STATE LAND RECLAMATIONIST – CALL FOR PAPERS/PRESENTATIONS, CARBONDALE, IL**

Background: This is an association of technical professional employees of State Active Coal Mining Programs concerned about issues related to land reclamation following coal mining.

Topics covered: Current technical issues related to coal mine land reclamation.

Target Audience: State and Federal employees and other professionals involved with coal mine land reclamation.

Contact: Anna Caswell at [aharring@siu.edu](mailto:aharring@siu.edu) or (618) 536-5521

**SEPTEMBER 19-22, 2010 NATIONAL ASSOCIATION OF ABANDONED MINE LANDS (NAAML) 32<sup>ND</sup> ANNUAL CONFERENCE, SCRANTON, PA**

◆ OSM EXHIBIT ON DISPLAY ◆

Background: This annual conference of the association of State and Tribal AML programs will feature technical sessions, workshops, tours, and the annual business meeting of the Association.

Topics covered: Administrative and technical aspects of abandoned mine land reclamation. This year's conference theme, "Their Legacy, Our Heritage, Everyone's Future" was chosen to highlight the nation's rich mining heritage, the significant accomplishments in reclaiming the legacy of that mining, and to focus on the goals for the future.

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

Contact: Eric Cavazza at (814) 472-1844 or [ecavazza@state.pa.us](mailto:ecavazza@state.pa.us)

**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)**

Background: 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

## 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
ARRI	Appalachian Regional Appalachian Reforestation Initiative
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