

### DCNR River Conservation Plans

Listen to experienced individuals speak on the "how to's" of River Conservation Planning. These plans focus on a broad based, multi use look at watersheds and their resources. DCNR's approach to completing a multi use plan for the watershed.

### DEP Watershed Restoration Plans

Watershed Restoration Plans are a DEP funded approach to improving water quality. Take a detailed look at the issues directly impacting water quality and the development of a plan to restore those non-point source pollution challenges.

### FREE AMD TREATMENT ESTIMATING SOFTWARE

Everyone attending the conference will receive a free CD\* copy of AMDTreat, a computer program for estimating AMD treatment costs. AMDTreat can assist in estimating costs for a variety of passive treatment types including, vertical flow ponds, anoxic limestone drains, anaerobic wetlands, aerobic wetlands, manganese removal beds, oxic limestone channels.



AMDTreat was a joint project of the PA Department of Environmental Protection, the West Virginia Department of Environmental Protection and the U.S. Office of Surface Mining Reclamation and Enforcement (OSM).  
*\* AMDTreat CD courtesy of OSM.*

### Passive Treatment Methods for Acid Water in PA \*

Prepared by Katherine L. Schmidt, Penn State University Graduate Assistant in Forest Resources, and Professor William E. Sharpe, Forest Hydrology in 2002, this publication concisely introduces an introduction to acid rain and abandoned mine drainage impacts, chemistry of acidic streams, passive treatment methods for treating AMD, and a treatment system determination guide, that will be helpful during the Deciphering Your Drainage Session.



*\* Free booklet courtesy of Penn State*

### Federal Initiatives

Protecting the environment during coal mining and making sure that land is reclaimed afterwards have been national requirements since 1977. OSM is working with hundreds of groups to address the clean up of pre-regulatory AML utilizing the following directives that will be discussed: OSM/EPA Summer Watershed Internship Program, OSM VISTA Initiative, OSM Brownfields in the Coalfields Initiative, OSM/National Endowment for the Arts AMD Treatment Design Initiative, and the formation of the Eastern Coal Region Roundtable. These resources for community development and others are available in the Federal Partnership Resource Guide that will also be mentioned at the 2003 AMR Conference.

## Teachers... Look what we have for you!



**Friday (9:45-4:45)**

Or

**Saturday (9:15 - 4:15)**

**Project WET (Water Education for Teachers)** is an international, interdisciplinary, water science and education program for formal and non-formal educators of K-12 students. Emphasis on AMD-related activities will be conducted throughout the workshop.

The goal of Project WET is to facilitate and promote awareness, appreciation, knowledge, and stewardship of water resources through the development and dissemination of classroom-ready teaching aids and through the establishment of state and internationally sponsored Project WET programs.

Certified Project WET instructors, Angela Belli and Beth Langham from Saint Vincent College will present the Education Program on Friday. Saturday's Education Program will be facilitated by



PA DCNR's Environmental Education Specialists, Angela Lambert (Lackawanna State Park Complex) and Diane Madl (Nescopeck State Park). Materials and books will be provided free of charge to all registrants of the Project WET Workshops who successfully complete the 6 hour Education Program.

There are a limited number of slots, so register early.