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Mining Sites

Characterization, Cleanup, and Revitalization of Mining Sites

Training and Events

Highlights

- Register now for the March 16 webinar, **Mining Webinar Series: Evaluation of Rotating Cylinder Treatment System™ at Elizabeth Mine, Vermont**, which will discuss application of this system to treat iron-contaminated drainage from a tailings pile.
- Register now for the May 12 webinar, **Design and Construction Issues at Hazardous Waste Sites Webinar on Successful Remedial Design**, featuring a presentation on successful high-density sludge treatment plant design for AMD.
- Reclaiming the Sierra, a conference to address historic mining impacts, has made available its webinars for the **Spring 2020 Headwater Mercury Source Reduction Workshop**, which features presentation on biochar applications and mercury in forest management.
- Slides and audio for the latest webinar in our Mining Sites Webinar Series, **Revegetation of Mine Wastes in Arid Environments: Linking Above- and Below-Ground Performance** are available to view or download in the CLU-IN archives.

www.cluin.org/mining/events
Mining Webinar Series

- Today's webinar is part of a series
- Visit www.cluin.org/mining/events for updates and links to archived webinars

Archived Internet Seminars, Videos, and Courses

CLU-IN Mining Sites Webinar Series

- **Revegetation of Mine Wastes in Arid Environments: Linking Above- and Below-Ground Performance** (August 2020)
- **Eagle Mine Superfund Site Case Study** (January 21, 2020)
- **Substrate Longevity and Long-Term Performance of Biochemical Reactors for Passive Treatment of Mine-Impacted Water** (November 25, 2019)
- Mine and Mineral Processing Virtual Workshop: **Session 1 Site Characterization**; **Session 2 Emergency Management**; **Session 3 Innovative Technologies and Strategies**; **Session 4 Big Data** (October 2019)
- **Considerations for Bulkheading Drainage Mine Tunnels** (October 2019)
- **Long-Term Performance of Biochemical Reactors for Passive Treatment of Mine-Impacted Water** (April 23, 2019)
- **Successful Implementation of Biologically-Based Passive Remediation Systems** (May 1, 2018)

Mining Webinar Series

Ehrenfeld AML Pilot Reclamation/Recreation & Watershed Improvement Project

Sponsored by: U.S. EPA, Office of Superfund Remediation and Technology Innovation, Technology Innovation and Field Services Division

Live Webinar: Wednesday, December 1, 2021, 1:00PM-3:00PM EST (18:00-20:00 GMT)

Register

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Pennsylvania Department of Environmental Protection's Ehrenfeld AML Pilot Reclamation and Recreation & Watershed Improvement Project was awarded the 2020 OSM Abandoned Mine Land Reclamation Award. The 2020 Abandoned Mine Land Reclamation Awards honor the most exemplary AML reclamation projects in the nation each year. In this presentation, Patrick Webb of PA DEP's Bureau of Abandoned Mine Reclamation Pennsylvania will present details of this project. Approximately 70 acres of coal refuse piles located along the "Johnstown Path of the Flood Trail," posed multiple environmental threats to the area. Frequent erosion clogged an unnamed tributary to the Little Conemaugh River, as a result, highly acidic water leached into and subsequently impaired local streams, burning areas of refuse piles and degrading air quality for the residents. To address these hazards, Pennsylvania's AML Program removed the refuse piles, eliminated the surface burning conditions and improved the Little Conemaugh watershed. The reclamation project has resulted in new opportunities for recreation and tourism with the addition of a community park and safer walking trails.

Mining Webinar Series

Today's Presenter

Patrick M. Webb, P.E., Assistant Director, PA DEP Bureau of Abandoned Mine Reclamation (pawebb@pa.gov)

Pat Webb is a licensed professional engineer and is the Assistant Director of the Pennsylvania Department of Environmental Projection Bureau of Abandoned Mine Reclamation (PA-DEP-BAMR) program. Pat coordinates interactions between PA-DEP-BAMR and the federal Office of Surface Mining Reclamation and Enforcement (OSMRE) in all abandoned mine lands aspects of P.L. 95-87 (SMCRA) through the administration of the Title IV Reclamation Grants. In addition, he is also an instructor for OSMRE's National Technical Training Program (NTTP) for the AML Realty and AML Dangerous Highwall Workshop classes. In 1997, Pat graduated from the University of Pittsburgh at Johnstown with a B.S. Degree in Civil Engineering Technology. He was previously employed by the Navy Petroleum Office in Fort Belvoir, Virginia, for approximately 1 year; then by the Pennsylvania Department of Transportation for 7 years; and has been working for PA-DEP-BAMR in the abandoned mine land program for the past 16 years.