



United States Environmental Protection Agency

Technology Innovation and Field Services Division

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Mining Sites



Characterization, Cleanup, and Revitalization of Mining Sites

This website provides site managers, regulatory agencies, consultants, and the general public with information on technologies and resources related to the assessment, characterization, cleanup, and revitalization of current and former (active, closed, and abandoned¹) mining sites.

MINING SITES SPOTLIGHT

- The [Technology Information News Survey](#), published bimonthly by EPA's Office of Superfund Remediation and Technology Innovation (OSRTI), recently focused on the topic of mining site cleanups. The news survey contains market/commercialization information; reports on demonstrations, feasibility studies and research; and other news relevant to the hazardous waste community.
- Slides and audio for the webinar, [Matching Biochar Characteristics with Metals-Contaminated Soils to Effectively Reduce Metal Bioavailability at Mining Sites](#), have been archived and are available to download.
- EPA has released the technical reference document, [Planning for Response Actions at Abandoned Mines with Underground Workings: Best Practices for Preventing Sudden, Uncontrolled Fluid Mining Waste Releases](#), which recommends applying these best practices, as appropriate, when carrying out EPA-lead activities under the Comprehensive

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Staying Connected



Live Events



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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

- **Ecological Revitalization at the Henry's Knob Former Mining Site** (March 6, 2018)
- **Matching Biochar Characteristics with Metals-Contaminated Soils to Effectively Reduce Metal Bioavailability at Mining Sites** (November 7, 2017)
- **FRTR Presents...Heavy Metals-Mining Site Characterization and Treatment Session 3** (August 10, 2017)
- **FRTR Presents...Heavy Metals-Mining Site Characterization and Treatment Session 2** (July 26, 2017)
- **FRTR Presents...Heavy Metals-Mining Site Characterization and Treatment Session 1** (July 10, 2017)
- **Overview, Lessons Learned and Best Practices Derived from Independent Optimization Reviews of Superfund Mining Sites** (May 24, 2017)
- **Re-imagining the Future of Mining Sites** (December 7, 2016)
- **Passive Treatment of Mining-Influenced Water: From Bench Scale to O&M** (November 16, 2016)
- **NEPA and Mining 101, Part 3: Regulatory Process & How the Public and Tribes can Engage** (June 8, 2016)

Today's Internet Seminar Overview

- Presenters:
 - Roger Hoogerheide (EPA Region 8)
 - Erick Weiland (Freeport-McMoRan)
- An overview of biologically-based passive remediation technologies: Applicability to mining site conditions; Illustration of the remedial design and evaluation process with a current treatability study example.
- Two case study examples of mining sites with operating biologically-based passive treatment systems: Iron King Mine near Jerome, Arizona, and Garfield Mine near Delta, Colorado.