



Clean-Up Information

Contaminated Site

Welcome to the CLU-IN Internet Seminar

FRTR Presents...Per- and Polyfluoroalkyl Substances (PFAS) Emerging Characterization and Remedial Technologies, Session 2

Sponsored by: Federal Remediation Technologies Roundtable (FRTR)

Delivered: Thursday, September 26, 2019, 1:00 PM EDT (7:00 PM GMT)

Instructors:

- Lisa Olsen, U.S. Geological Survey (ldolsen@usgs.gov)
- Jovan Popovic, Ph.D., Naval Facilities Engineering and Expeditionary Warfare Center (jovan.popovic@navy.mil)

Moderators:

- Cindy Frickle, U.S. EPA Technology Innovation and Field Services Division (Frickle.Cynthia@epa.gov)
- Jean Balent, U.S. EPA Technology Innovation and Field Services Division (Balent.jean@epa.gov)

Visit the Clean Up Information Network online at www.cluin.org

Seminar Homepage

The screenshot shows the EPA Clean-Up Information website. At the top, there is a navigation bar with the EPA logo, the text 'United States Environmental Protection Agency', and 'Technology Innovation and Field Services Division'. A search bar is located on the right. Below the navigation bar is a main banner with the text 'Clean-Up Information' and 'Contaminated Site'. A secondary navigation bar contains links for 'Technologies', 'Contaminants', 'Issues', 'Strategies & Initiatives', 'Vendors & Developers', 'Training & Events', and 'Additional Resources'. The main content area features the seminar title 'Passive Treatment of Mining-Influenced Water: From Bench Scale to O&M', sponsored by the U.S. EPA Technology Innovation and Field Services Division. The webinar is scheduled for Monday, November 14, 2016, from 1:00 PM to 3:00 PM EST. Two prominent buttons, 'Join Webinar' and 'Register', are displayed. Below these are tabs for 'Description', 'Presenters', 'Webinar Slides', 'Related Links', 'Feedback Form', and 'Tips'. The 'Description' tab is active, showing text about passive treatment systems and biochemical reactors (BCRs). A 'Feedback' box is overlaid on the right side of the page. A sidebar on the right contains social media links, a 'Staying Connected' section with podcast and RSS icons, and a 'Live Events' section with a 'Technofool' logo and 'Contact Us', 'Site Map', and 'Site Tour' links.

EPA United States Environmental Protection Agency Technology Innovation and Field Services Division Search

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Passive Treatment of Mining-Influenced Water: From Bench Scale to O&M

Sponsored by: U.S. EPA Technology Innovation and Field Services Division

Live Webinar: Monday, November 14, 2016, 1:00 PM-3:00 PM EST (18:00-20:00 GMT)

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Passive treatment refers to processes that do not require frequent human intervention, operation, or maintenance, and typically employ natural construction materials, natural treatment media, and promote growth of natural vegetation. Biochemical reactors (BCRs) are a type of passive treatment system that uses microorganisms to remove contaminants from mining-influenced water (MIW). BCRs and other passive systems are effective and lower-maintenance treatment options for mine site cleanups. They provide opportunities to reduce the environmental footprint associated with treatment of MIW.

In recent years, development and implementation of passive systems has increased. However, there's still plenty to learn about their effectiveness. Pilot studies are good ways to study passive treatment and their application scenarios. In this webinar, two case studies will be presented that document design and implementation of BCRs to passively treat MIW – from bench-scale tests to full-scale operation and maintenance, including recovery of iron oxide byproducts for sale.

Case Study 1: Passive Treatment of Metal Mine Drainage at an Abandoned Mine near Lake Shasta

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Housekeeping

- Entire broadcast offered live via Adobe Connect
 - participants can listen and watch as the presenters advance through materials live
 - *Some materials may be available to download in advance, you are **recommended to participate live via the online broadcast***
- Audio is streamed online through by default
 - Use the speaker icon to control online playback
 - If on phones: all lines will be globally muted
- Q&A – use the Q&A pod to privately submit comments, questions and report technical problems
- This event is being recorded and shared via email shortly after live delivery
- Archives accessed for free <http://clu.in.org/live/archive/>
- Download/Print webinar certificates by submitting feedback



Webinar Layout

The image shows a screenshot of an Adobe Connect webinar interface. The main content area is a large yellow box with the text "View presentation live online here". To the left of this box is a "Control online audio" callout pointing to a speaker icon in the top toolbar. To the right is an "Enlarge presentation" callout pointing to a maximize icon in the top toolbar. Below the main content area is a "Live Closed Captioning" section with a yellow box containing the text "Live Closed Captioning". To the right of the main content area is a sidebar with several sections: "Sponsored by" (with logos for NIH, NSF, and EPA), "Related URLs" (with links like "Seminar Homepage", "Seminar Resources", "Seminar Feedback", and "NIH ERA page"), and "Q & A". Callouts point to these sections: "Information about Sponsors & Speakers" points to the "Sponsored by" section, "Related websites and files" points to the "Related URLs" section, and "Submit private questions, comments or report technical problems" points to a text input field in the "Q & A" section. The top of the interface shows a "Meeting" toolbar with various icons for audio, video, and help.

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Disclaimer



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Visit the Clean Up Information Network online at www.cluin.org

Save the Date



Fall 2019 FRTR General Meeting

*Synthesizing Evolving Conceptual Site Models (CSMs)
with Applicable Remediation Technologies*

November 13, 2019

USGS Headquarters in Reston, Virginia
(online participation also available)

For more information about FRTR, visit frtr.gov



PFAS Session 1 Webinar Recording

FRTR Presents...Per- and Polyfluoroalkyl Substances (PFAS)
Emerging Characterization and Remedial Technologies, Session 1

https://clu-in.org/conf/tio/FRTRPresents5_062019/

Delivered: Thursday, June 20, 2019, 1:00 PM EDT (7:00 PM GMT)

Instructors:

- Linda Gaines, Ph.D., U.S. Environmental Protection Agency (gaines.linda@epa.gov)
- Ramona Iery, Ph.D., Naval Facilities Engineering and Expeditionary Warfare Center (Ramona.iery@navy.mil)

Moderators:

- Cindy Frickle, U.S. EPA Technology Innovation and Field Services Division (Frickle.Cynthia@epa.gov)
- Jean Balent, U.S. EPA Technology Innovation and Field Services Division (Balent.jean@epa.gov)

Visit the Clean Up Information Network online at www.cluin.org

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Certificate of Participation

This is presented to

Jean Balent

for participation in the CLU-IN seminar
Estimating Environmental Footprints Using SEFA (Spreadsheets for
Environmental Footprint Analysis)

Sponsored by: EPA Technology Innovation and Field Services Division
Delivered: October 28, 2014 2 Hours
Certificate generated on February 10, 2015

Additional event information may be found at <http://www.clu-in.org/conf/tlo/SEFA/>

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Providing information about innovative treatment and site remediation technologies, with a focus on ground water remediation, air, water, and soil.

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Thank you for joining us!