



TechDirect

August 1, 2026

Welcome to TechDirect!

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TechDirect's purpose is to identify new technical, policy and guidance resources related to the assessment and remediation of contaminated soil, sediments and groundwater.

Mention of non-EPA documents or presentations does not constitute a U.S. EPA endorsement of their contents, only an acknowledgment that they exist and may be relevant to the TechDirect audience.

Upcoming Live Internet Seminars

RemPlex: PFAS in the Environment: Transport Processes and Identifying PFAS Research Needs - August 11, 2026, 12:00PM-1:30PM EDT (17:00-18:30 UTC). Recent research progress in monitoring and remediating the “forever chemical” PFAS inspired this seminar and panel discussion. Researchers Trey Fortner and Matthew Spurlin from Noblis and Ramona Iery from SERDP/ESTCP will share recent results, new approaches, and how PFAS statements of needs are determined for future research. Presented by the Center for the Remediation of Complex Sites (RemPlex). For more information and to register, see

<https://www.pnnl.gov/remplex-seminars>.

SERDP ESTCP Webinar - Side-by-Side Evaluation of Field-Scale Treatment of PFAS-Impacted Sediments - August 13, 2026 at 12:00PM-1:30PM EDT (17:00-18:30 UTC). Join SERDP and ESTCP on August 13, 2026, for a webinar highlighting results from a side-by-side comparison of technology performance for the treatment of PFAS-impacted media. The webinar will provide key information on technology performance, PFAS removal and/or destruction, implementation considerations, and costs. For more information and to register, see <https://serdp-estcp.mil/webinars>.

SERDP ESTCP Webinar - Advances in the Detection and Monitoring of Underwater Munitions Mobility - August 27, 2026 at 12:00PM-1:30PM EDT (17:00-18:30 UTC). Join SERDP and ESTCP on Thursday August 27, 2026 at 12 pm ET for a webinar exploring recent research on underwater munitions mobility in dynamic marine environments. Speakers will discuss the development of specialized detection and monitoring technologies for munitions mobility and burial and results from a year-long field study to demonstrate improved management and decision-making at underwater munitions response sites. For more information and to register, see <https://serdp-estcp.mil/webinars>.

Federal Facilities Online Academy: Groundwater Policy Overview, August 26, 2026, 1:00PM-3:00PM EDT (17:00-19:00 UTC). Groundwater Policy and Federal Facilities Overview is a two-hour webinar course that provides an overview of U.S. EPA groundwater policies and guidance with emphasis on cleanups at federal facilities. By taking this course, participants will achieve the following objectives: Identify EPA groundwater policies; Understand groundwater classification and beneficial use in restoration objectives; Understand nature and extent considerations from groundwater contaminant plumes; Explore applicable or relevant and appropriate requirements (ARARs) commonly associated with groundwater remedies; Identify groundwater considerations for monitored natural attenuation (MNA), institutional controls, and technical impracticability waivers; and, Discover information on major groundwater policies from other federal agencies, such as Department of Defense (DoD) and Department of Energy (DoE). For more information and to register, see <https://www.clu-in.org/live>.

ITRC: Reuse of Solid Mining Waste, September 3, 2026, 1:00PM-3:00PM EDT (17:00-19:00 UTC). Solid mining waste represents a significant quantity of waste material in the United States and around the world. Solid mining waste has a range of physical and chemical properties that make it both potentially valuable and potentially hazardous to human health and the environment. From a commercial perspective, mining removes most of the primary minerals of interest; however, waste materials can still contain valuable minerals and other materials that can be recovered. The ITRC Reuse of Solid Mining Waste training and guidance document is geared towards state regulators and environmental consultants, mining and manufacturing stakeholders, community and tribal stakeholders, and other who have an interest in the potential reuse of solid mining waste. For more information and to register, see <https://www.itrcweb.org> or

New Documents and Web Resources

Treatment Technologies for Mining-Influenced Water: Review of Non-Peer-Reviewed Performance Data (EPA 600-R-25-190). EPA's Office of Applied Science and Environmental Solutions (OASES) compiled this report to assist EPA's Office of Land and Emergency Management and remedial project managers in determining what technologies may be appropriate at metal mining CERCLA sites. The full report and Appendix A: Treatability Study Performance Data and Other Key Information, including a searchable tool for case studies, are available at <https://clu-in.org/products/miw>.

CL:AIRE PFAS Site Profiles The profiles represent an understanding of PFAS uses and occurrences from specific industry sectors at the time of writing. They were developed the Environment Agency PFAS Risk Screening Project in 2020-2025. The PFAS Site Profiles are hosted on CL:AIRE's PFAS webpage (which is a compilation of information relevant to the understanding and management of PFAS. View the profiles at <https://claire.co.uk/pfas>

Technology Innovation News Survey Corner. The Technology Innovation News Survey contains market/commercialization information; reports on demonstrations, feasibility studies and research; and other news relevant to the hazardous waste community interested in technology development. Recent issues, complete archives, and subscription information is available at <https://clu-in.org/products/tins/>. The following resources were included in recent issues:

- Critical-Minerals Recovery from Mine Tailings: A Technical Review and Strategic Assessment

Conferences and Symposia

US EPA and RAIS Screening Level Calculator Training for Chemical and Radionuclide Risk Analysis, September 14-17, 2026, Oak Ridge, TN. This training will primarily provide the participant with operational knowledge of key EPA and RAIS calculators. Additionally, the training and exercises will delve into the ability of the calculators to address site-specific exposures, unique toxicity assessments, and complex risk characterizations. In addition to classroom activities, tours are given of the Spallation Neutron Source facility, the High Flux Isotope Reactor, Frontier (ORNL's exascale supercomputer), and the Historic Graphite Reactor from the Manhattan Project. For more information and to register, please visit <https://rais.ornl.gov/fall2026.html>.

RemTech Europe 2026, September 14-18, 2026, Ferrara, Italy and Online. RemTech Europe 2026 International Conference and Exhibition on land and water remediation markets and technologies will share information on knowledge, innovation and case histories, to encourage the development of remediation processes and the application of new and sustainable technologies and bring together experts, problem owners and suppliers of available services and technologies. This free event is supported by leading European and international stakeholders. For more information and to register, please visit <https://remtechexpo.com/remtech-europe/>

Call for Abstracts! Design and Construction Issues at Hazardous Waste Sites (DCHWS) - West Fall 2022 Symposium, Denver, CO, November 17-19, 2026. The applications of engineering and science associated with cleaning up hazardous waste sites continue to evolve rapidly. DCHWS aims to facilitate an interactive engagement between professionals from government and the private sector related to relevant and topical issues affecting their field. This will be a 2 -1/2 day event, sponsored by Society of American Military Engineers (SAME) Denver Metro Post (DMP) and US EPA, providing the latest techniques and challenges when working at Hazardous Waste sites. Abstract submissions are due by August 7, 2026. To register or submit an abstract, please visit:

<https://sites.google.com/samephiladelphiapost.org/dchws/west-symposium/fall-2026-dchws>

Call for Abstracts! DoW Applied Innovation Workshop, November 30-December 4, 2026, Washington, D.C. The Department of War's (DoW) Applied Innovation Workshop will bring together project teams, implementation partners, industry innovators, and students to enhance energy resilience, modernize infrastructure, and equip warfighters and installations with resources needed to fight and win in contested environments. Sessions and activities at the December event will continue to build on the momentum and outcomes from the March 2026 event. Abstract submission for the technical poster presentations now open to the public. Submissions are due by August 3, 2026. To register or submit an abstract, please visit: <https://www.dowinnovationworkshop.org/Posters>.

NOTE: For TechDirect, we prefer to concentrate mainly on new documents and the Internet live events. However, we do support an area on CLU-IN where announcement of conferences and courses can be regularly posted. We invite sponsors to input information on their events at <https://clu-in.org/courses> . Likewise, readers

may visit this area for news of upcoming events that might be of interest. It allows users to search events by location, topic, time period, etc.

If you have any questions regarding TechDirect, contact Jean Balent at (202) 566-0832 or balent.jean@epa.gov.

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