



# TechDirect

## September 1, 2026

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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

**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 <https://www.clu-in.org/live>.

**ITRC: Understanding Vapor Intrusion - Introductory Concepts & Fundamentals - A Two Part Series Training - September 8 and 22, 2026 1:00PM-3:00PM EDT (17:00-19:00 UTC).** The Vapor Intrusion 101 training series provides an overview of vapor intrusion (VI) and presents information from the 2026 ITRC VI Toolkit (which includes fact sheets, technology information sheets, and checklists). This course introduces participants to the fundamentals of vapor intrusion, the process by which vapor-forming chemicals in contaminated soil or groundwater volatilize and migrate into buildings. The course will discuss sources, pathways, and receptors. It will identify and assess VI risks in various settings (residential, commercial, industrial) and familiarize participants with regulatory frameworks and guidelines (e.g., USEPA, state-specific regulations). The participants will gain working knowledge of how to develop a Conceptual Site Model (CSM), design and implement sampling strategies, establish data quality objectives (DQOs), and conduct data and risk evaluations. It will provide an overview of mitigation strategies, including various closure strategies, land use covenants, and institutional controls. For more information and to register, see <https://www.itrcweb.org> OR <https://www.clu-in.org/live>.

**Federal Facilities Online Academy: RCRA/CERCLA Integration, September 23, 2026, 1:00PM-3:00PM EDT (17:00-19:00 UTC).** RCRA and CERCLA Integration at Federal Facilities is a two-hour webinar course that will provide an overview of how the Resource Conservation and Recovery Act (RCRA) and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) can be integrated at Federal Facilities through use of Federal Facility Agreements, regulator coordination, and lead regulator approach. By taking this course, participants will achieve the following objectives: Learn about Federal Facility Agreements and how they identify RCRA and CERCLA roles and responsibilities; Explore relevant memos and policies addressing RCRA and CERCLA coordination; and, Become familiar with some RCRA policies that apply to CERCLA wastes. The target audience for this course is federal, state, and tribal representatives who work on Federal Facility cleanups. Ideally, students should have a basic understanding of RCRA and CERCLA. For more information and to register, see <https://www.clu-in.org/live>.

**SERDP ESTCP Webinar - Development and Demonstration of Passive Samples for PFAS in Different Media – September 24, 2026, at 12:00 ET (9:00 AM PT).** Join SERDP and ESTCP on Thursday September 24, 2026, at 12 pm ET for a webinar featuring DoW-funded research efforts on passive sampling tools and approaches for PFAS characterization. First, Dr. Lee Blaney will discuss ion-exchange membranes as passive samplers for multiple PFAS in different water sources. Second, Dr. Jason Conder will talk about demonstrating and validating commercially available dialysis-based passive sampler for PFAS characterization in sediment. To view speakers' biographies and to register for

this free webinar, please visit <https://serdp-estcp.mil/webinars>.

**ITRC: Contaminants of Emerging Concern (CEC) Identification Framework Training, October 1, 2026, 1:00PM-3:00PM EDT (17:00-19:00 UTC).** In 2023, the ITRC Contaminants of Emerging Concern (CEC) Framework was published to help environmental regulatory agencies and other stakeholders identify, evaluate, and manage CEC's while acknowledging uncertainties in their environmental fate and transport, receptor exposure, and/or toxicity. The framework is meant to help environmental regulatory agencies and other stakeholders by providing examples of CEC monitoring programs and guiding the user through the process of identifying CEC key characteristics, how to communicate real and perceived risk from CEC to the public, and how laboratory analytical methods can be used in the identification process. This ITRC CEC training presents this entirely new framework for identification, prioritization, and communication of CEC. For more information and to register, see <https://www.itrcweb.org> OR <https://www.clu-in.org/live>.

## New Documents and Web Resources

**SRP Research Brief 376: Glazing Technique Improves 1,4-Dioxane Destruction.** Scientists funded by the NIEHS Superfund Research Program (SRP) developed a new strategy to effectively break down stubborn chemicals in water. Researchers at the Yale University SRP Center, led by Jaehong Kim, Ph.D., used advanced engineering approaches to create a stable and reusable material that targets specific pollutants. Persistent chemicals, like the carcinogen 1,4-dioxane, are often difficult to break down and remove from water. Traditional remediation approaches involve chemical oxidation — a process that uses chemical reactions to break the bonds of harmful pollutants and turn them into harmless substances. To read the brief, please visit

[https://tools.niehs.nih.gov/srp/researchbriefs/view.cfm?Brief\\_ID=376](https://tools.niehs.nih.gov/srp/researchbriefs/view.cfm?Brief_ID=376).

**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:

- The Diffusive Gradients In Thin-Films Calculator

## 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. Registration closes on September 1, 2026. 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. Presentation topics will include PFAS, chlorinated compounds, hydrocarbons, soil and groundwater remediation, mining, brownfields reclamation, innovative remediation technologies, and sustainable approaches to site management. This free event offers both in person and online participation options. For more information and to register, please visit <https://remtechexpo.com/remtech-europe/>

**Sustainathon 2026, September 24-25, 2026, Online.** This event is a unique international online marathon dedicated to promoting the UN Sustainable Development Goals (SDGs) through knowledge sharing, practical experiences and innovative solutions. Presentations will cover a wide range of topics including remediation, healthy soils, water, land restoration, circular economy, biodiversity, nature-based solutions and sustainable development. This free event offers online participation options. For more information including the event agenda and to register, please visit <https://remtechexpo.com/sustainathon/>

**Design and Construction Issues at Hazardous Waste Sites (DCHWS) - West Fall 2026 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. The agenda is now available for the 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. To register, please visit: <https://sites.google.com/samephiladelphiaapost.org/dchws/west-symposium/fall-2026-dchws>

**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. To register, please visit: <https://www.dowinnovationworkshop.org/>.

**RemTEC & Emerging Contaminants Summit, Rosemont, IL, April 13-15, 2027.** The RemTEC & Emerging Contaminants Summit convenes academic, consulting, regulatory, stakeholder, and other thought leaders to address today's most pressing environmental science, remediation technology, and emerging contaminants challenges. Presenters are invited to submit abstracts that translate innovative research findings from the laboratory to the field, with a focus on high quality technical advancements, regulatory insights, and real-world case studies that promote advancements in environmental remediation and the management of emerging contaminants. Submissions are due by September 21, 2026 through <https://www.remediation-technology.com/remtecsummit/submit-abstract>.

**Save the Date – Brownfields 2027, Salt Lake City, UT, May 25-28, 2027.** The National Brownfields Training Conference brings together stakeholders from government, industry, and the community to share knowledge and best practices on the remediation and redevelopment of contaminated properties, known as brownfields. The conference features a range of sessions, workshops, and networking events that cover topics such as financing, liability, and community engagement, with the goal of promoting the cleanup and revitalization of contaminated sites across the United States. The conference provides a platform for participants to learn about the latest technologies and strategies for cleaning up and reusing contaminated properties, as well as opportunities to connect with peers and potential partners. For more information, please visit <https://gobrownfields.org/>

**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](mailto:balent.jean@epa.gov).

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