



# STREAMLINED PRACTICES FOR BROWNFIELDS SITE CHARACTERIZATION AND CLEANUP

*Upon completion of these training sessions, you will gain a better understanding of innovative technologies and key opportunities to achieve site cleanup and improve your technical competencies related to site cleanup.*

**WHEN:** Monday, December 4, 2017  
9:00 AM – 2:30 PM

9:00 – 10:30, Improving Management of the Brownfields Cleanup Process: Follow the Road Map

10:45 – 12:15, Innovative Brownfields Characterization and Cleanup Solutions: Training for Small Business Contractors

1:00 – 2:30, Implementing Greener Cleanups Through ASTM's Standard Guide (E2893-16) – A Workshop

**WHERE:** Pittsburgh, PA

David L. Lawrence Convention Center

Specific room location will be provided at the conference

## REGISTRATION

To register for one or more of the trainings, visit [www.brownfields2017.org](http://www.brownfields2017.org)

## MORE INFORMATION

Visit [www.brownfields2017.org](http://www.brownfields2017.org) for a complete list of learning objectives, course outline and further information.

## Course Description and Objectives

Three training sessions geared towards Brownfields grant recipients and small businesses that provide technology consulting in the implementation of brownfields site cleanups will be delivered on Monday, December 4, 2017. The courses focus on streamlined practices for site characterization and cleanup. The courses will be taught by subject matter experts from EPA's Office of Superfund Remediation and Technology Innovation (OSRTI) and ICF. You can attend any one, two or all three trainings.

- **Improving Management of the Brownfields Cleanup Process: Follow the Road Map, 9:00 a.m. to 10:30 a.m.** This session is designed to help Brownfields grant recipients, who are often non-technical stakeholders, learn how to better find and hire the right contractor, integrate innovation, interpret technical reports, prepare contracts, manage the budget, monitor progress, and become more involved in the decision-making process. Grantees will learn to oversee the process for gathering and using environmental data to ensure the data is adequate and appropriate to make a decision. The goal is to increase participant awareness and understanding of how to become involved in project and site decision-making in order to achieve site assessment more efficiently and effectively.
- **Innovative Brownfields Characterization and Cleanup Solutions: Training for Small Business Contractors, 10:45 p.m. to 12:15 p.m.** This session will provide information about innovative technologies and practices for improving and achieving cleanup at Brownfields sites. Participants will learn the application and tools necessary to implement for innovative practices such as incremental composite sampling (ICS), high-resolution site characterization (HRSC), three dimensional visualization and analysis, and the use of conceptual site models (CSM) to help reduce uncertainties in site cleanup and communicate site conditions better to all stakeholders. Instructors will cover innovative in situ remediation technologies such as thermal treatment, chemical oxidation/reduction, and enhanced bioremediation. Participants will also learn the use of field tools to assist in the creation of dynamic work plans to allow for—and achieve—faster site cleanup.

- **Implementing Greener Cleanups Through ASTM's Standard Guide (E2893-16) – A Workshop, 1:00 p.m. to 2:30 p.m.** This session will focus on helping participants engage communities in site cleanup decisions and transforming contaminated sites into community assets while using the core elements of green remediation—energy, air, water, materials and waste, and land and ecosystems. Participants will learn the methods and tools for reducing a project's environmental footprint, the importance of a footprint assessment, how to apply science and engineering principles at a site, and best management practices for site optimization. Green remediation application case studies along with lessons learned will be presented.

## Target Audience and Registration Information

These three, 90-minute pre-conference workshops are offered through a collaboration between the EPA Office of Brownfields & Land Revitalization (OBLR) and the EPA Superfund program in an effort to deliver lessons learned from Brownfields sites that can streamline characterization and cleanup. The course is focused toward Brownfields grant recipients and small business cleanup contractors directly involved in managing or executing site assessment and cleanup projects. Participation in the training course may also be of benefit to EPA, federal, tribal, state and private industry technical project managers and stakeholders involved in the development and implementation of hazardous waste site cleanups.

Continuing Education Units (CEUS) will be offered. Information about how to register for and claim credits will be provided to conference registrants prior to the training.

The courses will not be webcasted or recorded. You must attend the trainings in person. However, related trainings may be available from the CERCLA Education Center through the Trainex website. Visit [www.trainex.org](http://www.trainex.org) to view the current schedule of offerings.

## CONTACTS:

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