



QUICK FACTS

2017

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ITRC Purpose

To advance innovative environmental decision making.

ITRC Mission

To develop information resources and processes to break down barriers to the use of technically sound innovative solutions for healthy communities, economy and environment.

ITRC Role

- Increase understanding of and confidence in innovative technologies
- Provide a national consensus on approaches to using innovative environmental technologies
- Improve the cleanup process by educating state regulators and others on innovative environmental technologies
- Build a reliable network among members of the environmental community
- Foster integration of new technical developments within existing regulations
- Create networks of technical experts for use by states and others when making decisions on innovative environmental technologies

ITRC Benefits

- Innovative solutions where none existed before
- National paradigm shifts for using new technology
- Harmonized approaches to using innovative technology across the nation
- Reduced review and permitting times for innovative approaches to environmental problems
- Faster cleanup decisions due to reduction in uncertainty
- Decreased compliance costs
- Replaces adversarial relationships with collaboration

ITRC Resources

ITRC has published 117 documents, including:

- 66 Technical Regulatory Guidance Documents
- 37 Technical Overview Documents
- 14 Case Study Compilations, State Survey Summaries, and Resource Guides

The 2017 planned guidance documents are: (1) PFAS Factsheets; (2) Remediation Management of Complex Sites; (3) Bioavailability in Contaminated Soil; (4) Characterization and Remediation in Fractured Rock



Regulatory Acceptance for New Solutions

Documents, free Internet-based training, contact information: www.itrcweb.org

ITRC documents and other resources are available online [HERE](#).

ITRC Training Program

As of July 2017, ITRC has trained over 150,000 people via its Online Training Program (partnered with EPA's Technology Innovation Program) and at onsite classroom training events. Training attendees are federal and state regulators, environmental consultants/vendors/site owners, federal agency personnel, and others. ITRC has developed and deployed over 80 online training courses that are 2-3 hours in length. Descriptions of the courses can be found [HERE](#).

The 2017 classroom training classes were: (1) *Integrated DNAPL-LNAPL Site Characterization and Tools Selection* in San Diego, CA, March 20 at AEHS; (2) *Bioremediation of Chlorinated Ethenes: DNAPL Source Zones* in San Diego, CA, March 22 at AEHS; (3) *Groundwater Statistics to Geospatial Analysis for Remediation Compliance and Optimization* in Miami, FL, May 22 at Battelle; (4) *Comprehensive ITRC DNAPL Guidance: Integrated DNAPL Site Strategy, Mass Flux Discharge, and Bioremediation of DNAPL Sites* in Miami, FL, May 22 at Battelle; and (5) *Petroleum Vapor Intrusion: Fundamentals of Screening, Investigation, and Management* in Ann Arbor, MI, October 10-12.

ITRC Membership

In 2017, ITRC has over 900 members from the following sectors:

- State and local government (30%)
- Private sector (45%)
- Federal government (15%)
- Public stakeholders and academia (6%)
- International (2%)

ITRC Technical Teams

There are currently 9 active teams:

- Bioavailability in Contaminated Soil
- Characterization and Remediation in Fractured Rock
- Quality Considerations for Multiple Aspects of Munitions Response Sites
- Remediation Management of Complex Sites
- Stormwater BMP Performance
- Evaluation of Innovative Methane Detection Technologies
- LNAPL Update
- TPH Risk Evaluation at Petroleum-Contaminated Sites
- PFAS



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