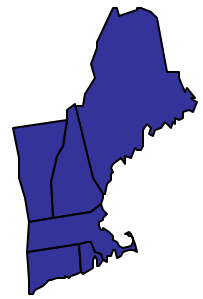




EPA Region I and ITRC

“ITRC – Promoting better decisions while shaping the future of regulatory acceptance for innovative environmental technologies and approaches”



EPA Region I includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont, 10 Tribes

The Interstate Technology and Regulatory Council (ITRC) is a state-led coalition working together with federal partners, industry, academia and stakeholders to achieve regulatory acceptance of innovative environmental technologies and approaches. Through the development of consensus-based tools and resources ITRC’s state-led technical teams provide information to facilitate confident technical decision-making on environmental issues in the states. The ITRC was created in 1995 by the Committee to Develop On-Site Innovative Technologies under the Western Governors’ Association. Today, ITRC is a committee formed under the bylaws of the Environmental Research Institute of the States (ERIS), which is the research and educational arm of the Environmental Council of the States (ECOS).

ITRC tools and resources help EPA Region I save time and money:

- ***ITRC UXO Training suggests significant savings at the Massachusetts Military Reservation-*** New technology described at the UXO classroom training offered by ITRC is being considered for cleanup of unexploded ordnance at the Massachusetts Military Reservation on Cape Cod, according to Mark Harding, Tribal representative to the Massachusetts Governor-appointed Community Advisory Council.
- ***Savings from Natural Attenuation of Chlorinated Solvents ITRC Training-*** Amy Steele, a Weston Solutions consultant, suggests savings up to \$10,000 due to a change in protocol at a Pittsfield, MA site based on information from ITRC internet training.
- ***ITRC Training promotes savings with ISCO application*** - In Situ Chemical Oxidation (ISCO) application at a number of Region I sites having chlorinated solvent contamination should save money compared to conventional approaches. Douglas Dubrosky, environmental consultant for AIG Environmental, says, “We are able to perform a cost analysis of groundwater remediation using ISCO to provide a Cleanup Cost Cap insurance policy to address financial risks associated with remediation.”
- ***Maine Bioremediation Savings due to ITRC-*** “ITRC information proved critical when evaluating performance of enhanced bioremediation projects and is helping us save considerable money at the former Union Chemical Company Superfund site in Hope,” according to Hank Andolesk. “The ITRC course provided information on the indicators that should be looked for when evaluating the performance of enhanced bioremediation projects.”

- ***ITRC Guidance Documents and Training provide key information in Rhode Island Cleanup-*** Savings of up to \$100,000 could be realized based on key information that is being used in a number of DoD and FUD (Formerly Used Defense) sites. Paul Kulpa, Rhode Island regulator, states, “In general, ITRC training courses and guidance documents provided key information which was useful at a number of projects. The training courses are well balanced - the course material attempts to cover all aspects of the subject and the instructors come from both the private and public sector.”
- ***DNAPL Success in Vermont-*** “The September 2003 overview paper of DNAPL issues coordinated by the ITRC has been very useful as I work on many challenging DNAPL sites,” states Michael Moore of the Johnson Company in Montpelier, VT. “Finding a reference suitable for the public and my clients is difficult- yet the ITRC documents seem to fit the bill.”
- ***ITRC Training on DNAPL helps understanding of cleanup technology in Maine-*** “Training was a useful tool for staff and consultants to get direction regarding the best use of the remediation technology and help decide to proceed with a characterization phase prior to implementation at a site contaminated with solvents (Corinna, ME)” says Naji Adkladiss of the Maine DEP. Training helped describe and understand the capabilities of surfactant flushing remediation technology and its characterization requirements.

Through ITRC EPA Region I states leverage resources from across the country:

- EPA Region I environmental experts receive free on-line training – 1,077 participants trained in EPA Region I states
- Classroom training, free to regulators, brings hands-on tools to better prepare environmental professionals to make better decisions- Over 240 participants have been trained from EPA Region I
- EPA Region I states share expertise by participating on ITRC technical teams and in return these states have access to a national network of experts

EPA Region I states use of ITRC resources leads to better decision-making:

- Improved permitting processes
- ITRC information leads to faster cleanup decisions
- ITRC experts provide knowledge transfer and guidance on complex issues
- Members dedicated to optimizing state resources and reducing compliance costs while protecting human health and the environment

ITRC creates a cultural shift in the way cleanup is planned & implemented:

- Reduces regulatory barriers for the use of innovative technologies for environmental remediation through guidance documents and sharing of technical expertise
- Leads a culture change in environmental decision-making, replacing long-standing adversarial relationships with collaboration, consensus and concurrence

Additional Information:

www.itrcweb.org

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