



## *State of Florida and ITRC*

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



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 decision-making 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 Florida save time and money:**

- ***Sharing Information opens up solutions-*** ITRC Radionuclides (RAD) team members coordinated key information between Florida DEP and Illinois EPA about using certain chemicals at phosphogypsum stacks.
- ***Triad Decision approach speeds site remediation plans-*** Air Force Undersecretary Koetz requested three Florida Air Force installations to utilize the Triad approach to environmental management, and ITRC representatives assisted with getting the process started.
- ***Getting the latest on DNAPL treatment and bio-remediation strategies-*** Staff at the Florida DEP has benefited greatly from both classroom and internet-based training in these two areas along with others, according to Jeff Lockwood, ITRC state contact.
- ***Cost Savings from on-line training-*** ITRC training in the principles of in-situ biodegradation has been used to improve the speed and accuracy of research efforts in identifying ways to utilize natural systems to remove or contain contaminants including Volatile Organic Compounds and toxic metals. Larry Moos of Florida International University is working with the US Department of Energy in this remediation program.
- ***UXO Safety Information for the Air Force-*** An interactive UXO Safety CD was developed using information from the ITRC UXO basic training class and document. “Our course focuses on day to day cleanup up at facilities and educates people before going onto a range,” according to Dave Brown of the Tyndall Air Force Base.
- ***Passive Diffusion Samplers (PDBs) could save significant cleanup cost-*** By using information gained in ITRC internet training on PDBs for Volatile Organic Compounds in Groundwater, savings will occur through reduced labor and investigative-derived waste from implementing a PDB sampling program, according to Robert Neff of WRS Infrastructure and Environment, Inc.
- ***ITRC In Situ Chemical Oxidation (ISCO) documents invaluable-*** Explaining the strengths and weaknesses of the ISCO technologies to responsible parties, as well as the issues under girding regulatory requirements to their consultants, is much easier and effective with the ISCO documents.

## Through ITRC Florida leverages resources from across the country:

- Florida's environmental experts receive free on-line training – nearly 560 participants trained in Florida
- Classroom training, free to regulators, brings hands-on tools to better prepare environmental professionals to make better decisions- 72 trained from Florida
- Florida shares expertise by participating on 13 ITRC technical teams and in return has access to a national network of experts

## Florida's use of ITRC resources leads to better decision-making:

- Improved permitting processes (e.g. the Triad approach by the Air Force)
- 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:

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