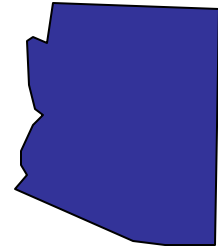




## *State of Arizona and ITRC*

*“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 Arizona save time and money:**

- ***Agency provides highest oversight at reduced cost with ITRC help-*** “Through the availability and application of ITRC resources, the Technical support staff within the DEQ saves money and provides improved regulatory oversight,” according to Bill Ruddiman of the Department of Environmental Quality.
- ***Documents save research time and offer clear direction-*** “Use of the ITRC documents and internet training on Small Arms Firing Ranges saved many hours of research, provided clear direction for efficient field investigations and improved the agency's credibility in requiring adequate characterization of two former military sites,” according to a state regulator.
- ***Passive Diffusion Bag Samplers get a boost from ITRC-*** “In order to effectively coordinate the PDB work performed by others at various remedial locations with historical and planned sampling events, I needed a concise source of current information on diffusion sampling procedures and results,” stated Brent Kellis of BEM systems. He used information regarding diffusion samplers at a federal facility in Mesa to conduct a more efficient review of the PDB literature.
- ***UXO and Small Arms Training aid in decision-making on DOD sites-*** Several managers and hydrologists have received ITRC training on UXO and small arms ranges. They have used the documents in making decisions on Department of Defense sites.
- ***Passive Diffusion Bag Samplers at 75 locations in Arizona-*** State policy on PDBs is based on ITRC guidance on the topic, Bill Ruddiman comments.
- ***ITRC team synergy leads to Perchlorate information in Arizona-*** As a result of networking through the ITRC, Arizona receives monthly data from Nevada on perchlorate moving into the Colorado River and has received information on perchlorate remediation technology from California and Nevada sites.
- ***Cost Reductions and Faster Site Cleanup-*** New approaches to site investigation, such as the Triad approach as documented by the ITRC, are being considered by several ADEQ programs.

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

- Arizona's environmental experts receive free on-line training – nearly 170 participants trained in Arizona
- Classroom training, free to regulators, brings hands-on tools to better prepare environmental professionals to make better decisions- 37 trained from Arizona
- Arizona shares expertise by participating on two ITRC technical teams and in return has access to a national network of experts

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

- Improved permitting processes (e.g. the Triad approach by ADEQ programs)
- 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](http://www.itrcweb.org)

ITRC is hosted by:



ITRC Federal Sponsors:



DOE



DoD



EPA

Other supporting State Associations:



WGA



SSEB

ARIZONA and ITRC

[www.itrcweb.org](http://www.itrcweb.org)