

Regulatory Acceptance For New Solutions



ITRC Mission

ITRC is a state-led, national coalition of regulators and others working to

- improve state permitting processes and
- speed implementation of new environmental technologies



Participating Organizations

- Industry representatives
- Academia
- Public stakeholders
- Federal agencies
- Host organization
- State organizations



U.S. Department of Energy



U.S. Environmental Protection Agency



U.S. Department of Defense



Environmental Council of the States



Western Governors' Association



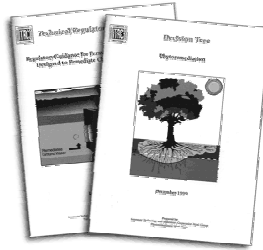
Southern States Energy Board

ITRC Goals

- Achieve better environmental protection through innovative technologies
- Reduce the technical/regulatory barriers to the use of new environmental technologies
- Build confidence about using new technologies

ITRC Products And Services

- Regulatory and Technical Guidelines
- Technology Overviews
- Case Studies
- Peer Exchange
- Technology Advocates
- Classroom Training Courses
- Internet-Based Training Sessions



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Active ITRC Technical Teams

- Alternative Landfill Technologies
- Brownfields
- Constructed Wetlands
- Contaminated Sediments
- Dense Nonaqueous Phase Liquids
- Diffusion Samplers
- DOE Gate 6 Technologies
- In Situ Bioremediation
- MTBE-Contaminated Groundwater
- Permeable Reactive Barriers
- Radionuclides
- Remedial Process Optimization
- **Sampling, Characterization, and Monitoring (SCaM)**
- Small Arms Firing Range
- Unexploded Ordnance

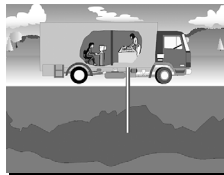
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SCaM Team

Value: Addresses innovations and paradigm shifts in sampling and monitoring related to real-time information, continuous monitoring, and monitoring for site closure and long-term stewardship

Lead: Stuart J. Nagourney, NJDEP

- Members:**
- 12 State Agencies
 - EPA
 - DOD
 - DOE
 - Academia
 - Industry

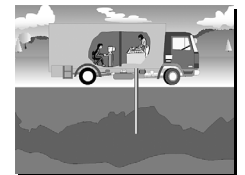


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SCaM Team & Triad

What can the SCaM Team do to promote Triad and change behavior?

- Identify regulatory barriers & propose solutions
- Highlight case studies where TRIAD has been successful
- Obtain multi-state cross acceptance for TRIAD use in states via POC network
- Train/educate regulatory and technical communities

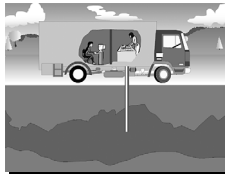


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SCaM Team

Current Proposed Deliverables

- Inventory of FAMs and associated QA guidelines for use
- TRIAD technical regulatory document
- Case studies
- Technical regulatory document on direct push wells
- Survey on state agency views on applying FAMs



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SCaM Team

Future Projects

- Develop further guidance on Triad workplan development
- Examine sensor technology as applied to environmental remediation
- Research methods for real-time data presentation and reduction
- Work with European consortium on NORISC

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ITRC Contacts

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