



ITRC State Engagement Program

Summary of ITRC Priority and Emerging Issues

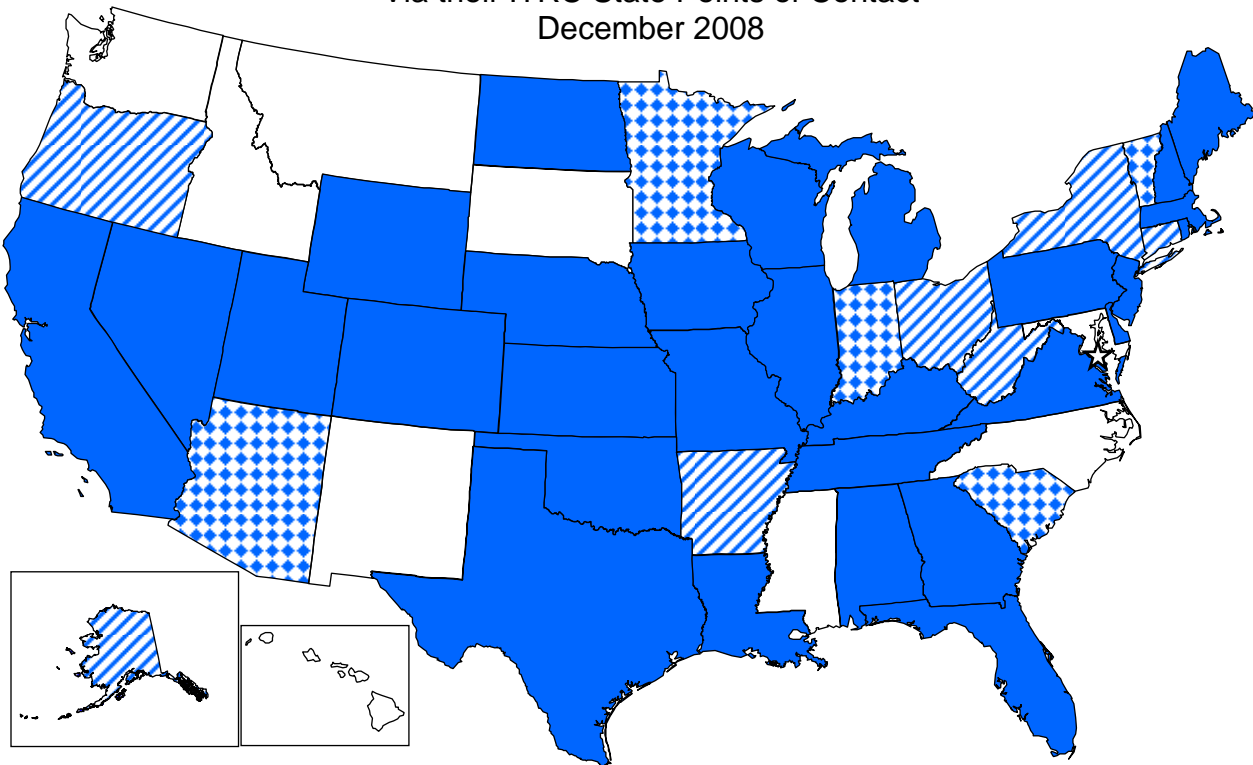
December 2008

A key element of the ITRC State Engagement Program is to inform ITRC leadership of current priorities and emerging issues facing states so that informed decisions may be made on the selection of ITRC projects. On a yearly basis each POC is requested to collect, compile, and prioritize his or her state's information. Rather than a comprehensive list of all state environmental issues, the ITRC State POC focuses on the issues where ITRC can provide value to the states and broader environmental community. Issues are considered *priority* issues (issues the state faces right now or within the next one to three years) or *emerging* issues (issues on the horizon that the state will face in four or more years). For consideration by ITRC, 41 states submitted 235 priority issues and 108 emerging issues.

Summary of which states provided priority and emerging issues

Via their ITRC State Points of Contact

December 2008



- 29 states – Provided needs in 2006 and reconfirmed or updated in 2007-8
- 7 states – Provided needs for the first time in 2007
- 5 states – Provided needs for the first time in 2008
- 9 states and DC – Needs not provided

Provided to the ITRC Board of Advisors by ITRC State Engagement Team – Led by Mavis Kent, State Engagement Coordinator - December 2008. This report along with the survey results is available at www.itrcweb.org in the State Engagement File Cabinet in the State Priorities and Emerging Issues File Drawer.

Issues were grouped in topics and an overall score created based on the number of states identifying the issue and the ranking of the issue within the state. Many of the identified high priority state needs are already being met by ITRC Technical Teams including the top three topics: Environmental Impacts of Ethanol and Bio-Based Fuels (addressing Alternative Energy items), Mining Waste, and Vapor Intrusion.

The following table lists the issues with those ranking highest listed first. For priorities related to a current ITRC Projects, the survey information is forwarded to the associated team.



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Summary table of priority and emerging issues

Score (# issues)*	Topic Group	Comments
13.3 (12P, 12E)	Alternative Energy	Forward information to "Environmental Impacts of Ethanol and Bio-Based Fuels" Team
13.15 (17P, 5E)	Mines	Forward information to "Mining Waste" Team
11.25 (13P)	Vapor Intrusion	Forward information to former "Vapor Intrusion" Team Leaders
9.55 (9P, 14E)	Climate Change	Retain for potential future emerging issue meeting session
9.45 (12P, 3E)	Institutional Controls/Long-term Stewardship	Forward information to former "Brownfields" Team Leader
9.05 (11P, 3E)	Risk	Forward information to former "Risk Assessment Resources" Team Leaders
8.6 (15P, 3E)	Site Characterization: Sampling, Modeling, Monitoring	Forward information to former "SCM" Team Leader and "Multi-Incremental Sampling" Team
8.4 (14P, 3E)	Oil and Gas Industry	Forward information to "Light Nonaqueous-Phase Liquids (LNAPLs)" Team
8.05 (10P, 1E)	Groundwater Contamination	Some entries potentially beyond ITRC Strategic Plan
7.4 (8P, 5E)	Regulatory Process	Scope potentially beyond ITRC Strategic Plan
7.25 (10P, 1E)	CAFOs	
6.85 (9P, 3E)	Sediments	Forward information to "Contaminated Sediments" Team
6.3 (6P, 3E)	Ecological	Forward information to former "Eco Reuse" Team Leader
6.05 (3P, 8E)	Pharmaceuticals in Surface and Groundwater	
5.25 (5P, 2E)	Urbanization Impacts	
5.05 (6P)	Mercury	ECOS resolutions
5 (5P, 4E)	Environmental Impacts from Remediation Technologies	Forward information to "Green and Sustainable Remediation (GSR)" Team
5 (6P, 1E)	Air Contamination	
4.95 (7P, 1E)	Stormwater Non-Point Source Impacts	Forward information to "Contaminated Sediments" Team
4.8 (6P)	UXO and Firing Ranges	Forward information to "Unexploded Ordnance (UXO)" Team and former "Small Arms Firing Range" Team Leader
4.75 (6P, 3E)	Landfills and Solid Waste	Forward information to former "Alternative Landfill Technologies" Team Leader
4.1 (5P)	DNAPLs	Forward information to "Integrated DNAPL Source Strategy" team
3.75 (4P, 2E)	Pollution Prevention	
3.55 (3P, 3E)	State Level Natural Resources Damages	Forward information to former "Eco Reuse" Team Leader
3.45 (4P)	Brownfields	Forward information to former "Brownfields" Team Leader
2.95 (3P, 2E)	Budget Reductions	
2.65 (2P, 4E)	Water Supply	



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2.6 (4P)	Remedial Technology Implementation	
2.4 (2P, 3E)	Radionuclides Contamination	Forward information to "Radionuclides" and "Attenuation Processes for Metals and Radionuclides" Teams
2.3 (2P, 2E)	Nanotechnology	
2.25 (2P, 4E)	Emerging Contaminants	
2.15 (1P, 5E)	Pesticides	
2.05 (2P, 3E)	Data Management	Current ECOS project
1.95 (2P, 1E)	Dry Cleaners	Forward information to "Integrated DNAPL Source Strategy" team
1.95 (3P, 2E)	Surface Water	
1.7 (2P)	Perchlorate	Forward information to "Perchlorate Remediation" Team
1.4 (2P)	Meth Labs	
0.9 (1P)	Agriculture	Topic too broad
0.75 (1P)	Asbestos in soils	
0.45 (1E)	X-Ray Machines	
0.35 (1E)	Tires	Scope potentially beyond ITRC Strategic Plan

*Notes on ranking: This survey included a collection of both:

- **State Priorities** - Issues facing state right now or within the next couple of years (i.e., 1 to 3 years) for which ITRC can be a part of the solution and have a positive impact.
- **Emerging Issues** - Issues on the horizon, problems anticipated that the state will face in the future (i.e., four or more years down the road) for which ITRC can be part of the solution and have a positive impact.

Because some state's "priorities" were another state's "emerging issues" data is combined. A scoring system gives higher emphasis on priority issues. The total numbers of priority (P) and emerging (E) issues are listed. The scoring system used is summarized below.

1. Each state can only vote for a grouping once. If more than one issue for a single state was in the same grouping, the scoring only factors in the highest issue from the state. That way, one state does not get to vote more than once for any one grouping.
2. Scoring factors in the ranking provided by the states. Priority #1 issues are ranked higher than Priority #2 issues. The scoring is set up as follows:
 - 1.00 factor for Priority #1
 - 0.95 factor for Priority #2
 - ... to 0.55 for Priority #10, etc.
 - 0.50 for Emerging #1
 - 0.45 for Emerging #2, etc.