



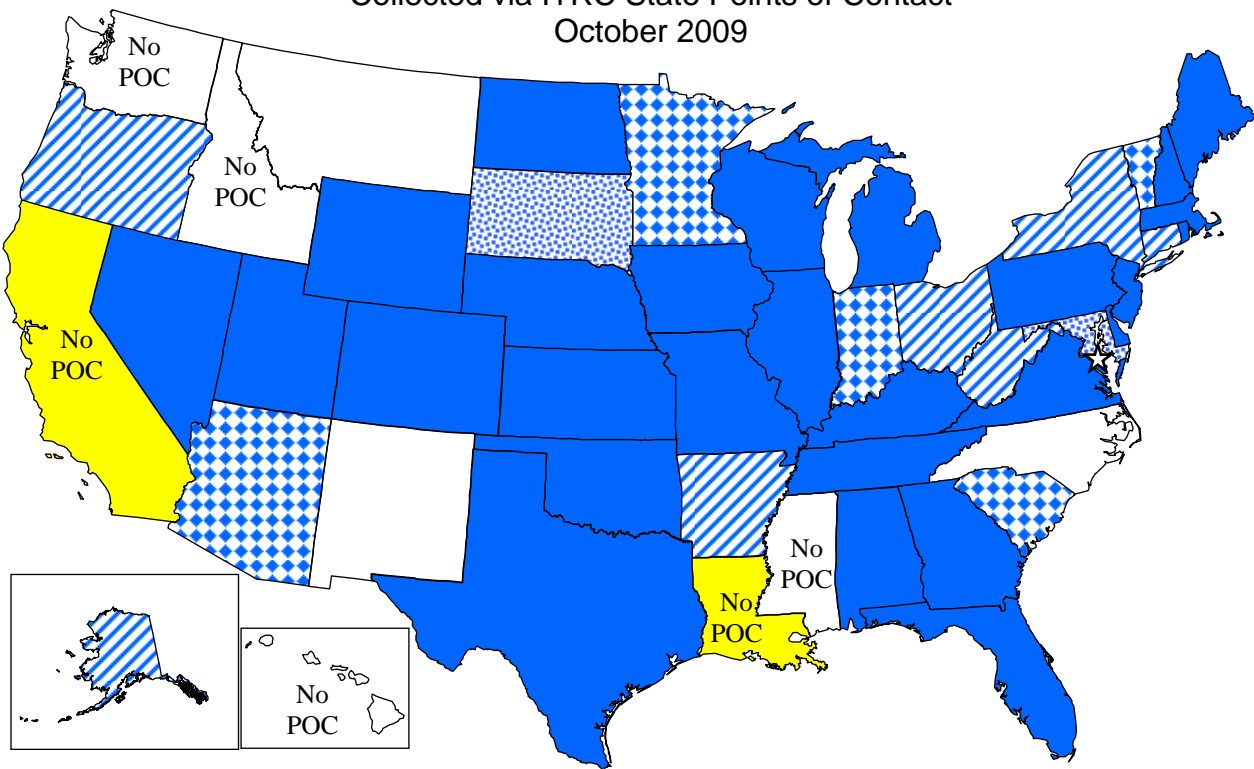
ITRC State Engagement Program

Summary of ITRC State Priority and Emerging Issues







October 2009

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 state POC is requested to collect, compile, and prioritize his or her state's information. Beginning this year, POCs are asked to collect all priority and emerging environmental issues identified for their state even if ITRC is already working on them and even if they are in areas that ITRC has not addressed in the past. 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 for 2009, 41 states submitted 262 priority issues and 148 emerging issues.

State input to priority and emerging issues collection: Building state participation over time Collected via ITRC State Points of Contact October 2009



41 States with blue or blue patterns provided needs for 2009 analysis:

-  27 states – Provided needs for the first time in 2006, reconfirmed/updated for 2009
-  7 states – Provided needs for the first time in 2007, reconfirmed/updated for 2009
-  5 states – Provided needs for the first time in 2008, reconfirmed/updated for 2009
-  2 states – Provided needs for the first time in 2009
-  7 states and DC – Needs not provided. Note: 3 of these states do not have POCs
-  2 states – Priorities provided previously, but not included in 2009 analysis since states are currently without a POC to coordinate review and reconfirm/update



ITRC State Engagement Program

Summary of ITRC State Priority and Emerging Issues

October 2009

The table to the right shows the highest level of input the state priority and emerging issues represent for 2008 and 2009. The level of input listed as “overall state or agency” has increased from 16 states in 2008 to 23 states in 2009. Note: POCs can select more than one level of input. The table to the right includes the highest level of input from each state.

Level of input	# states	
	2008	2009
Overall state or agency	16	23
Division or section	17	13
Individual POC	2	0
Other	6	5

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 five out of the top six topics: Environmental Impacts of Ethanol and Bio-Based Fuels (addressing Alternative Energy items) Mining Waste, Vapor Intrusion, LNAPL (addressing Oil and Gas Industry) and Green and Sustainable Remediation (addressing Environmental Impacts from Remediation Technologies).

The following table lists the issues with those ranking highest listed first. For priorities related to current ITRC Projects, rows are shown in gray and the survey information will be forwarded to the teams. Please note, however, there may be other aspects of the priorities in the grayed-out topic areas that the related ITRC teams are not addressing and that may still be important as viable future projects. Detailed state comments for each priority topic have been compiled in a summary document.

Summary table of priority and emerging issues

Full Score	Grouping	Related ITRC Project* / ECOS Actions
14.45 (13P, 15E)	Alternative Energy	Environmental Impacts of Ethanol & Bio-Based Fuels
13.5 (17P, 10E)	Air Contamination	
11.9 (17P, 4E)	Mines	Mining Waste
11.35 (14P)	Vapor Intrusion	Vapor Intrusion
9.9 (15P, 5E)	Oil and Gas Industry	LNAPLs; “LNAPL Classroom Training” submitted for 2010 Project consideration
8.75 (10P, 4E)	Environmental Impacts from Remediation Technologies	Green and Sustainable Remediation (GSR)
8.65 (8P, 13E)	Climate Change	
8.1 (9P, 3E)	Groundwater Contamination	
8.1 (14P, 3E)	Site Characterization: Sampling, Modeling, Monitoring	Incremental Sampling Methodology; “Environmental Molecular Diagnostics” submitted for 2010 Project consideration
7.7 (10P, 5E)	Stormwater Non-Point Source Impacts	Contaminated Sediments
7.35 (8P, 1E)	Mercury	ECOS resolutions
7.25 (9P, 3E)	Ecological	
7.1 (9P, 2E)	Institutional Controls/Long-term Stewardship	
7.05 (9P, 2E)	CAFOs	“CAFOs” submitted for 2010 Project consideration
6.6 (8P, 5E)	Sediments	Contaminated Sediments
6.25 (10P, 7E)	Risk	
6.2 (3P, 10E)	Pharmaceuticals in Surface and Groundwater	Submitted for 2010 Project consideration



ITRC State Engagement Program

Summary of ITRC State Priority and Emerging Issues

October 2009

Full Score	Grouping	Related ITRC Project* / ECOS Actions
5.5 (10P, 3E)	Surface Water	
5.45 (5P, 5E)	Landfills and Solid Waste	
5.35 (9P, 9E)	Regulatory Process	
4.75 (6P)	DNAPLs	Integrated DNAPL Source Strategy
4.35 (5P, 1E)	Brownfields	
4.25 (4P, 3E)	Emerging Contaminants	
4.15 (5P)	UXO and Firing Ranges	Unexploded Ordnance (UXO); "Geophysical Prove-Outs" submitted for 2010 Project consideration
3.55 (4P, 3E)	Urbanization Impacts	
3.45 (4P, 1E)	Sewage and Septic Systems	
3.3 (4P, 2E)	Radionuclides Contamination	Attenuation Processes for Metals and Radionuclides
3.05 (3P, 1E)	Arsenic	
2.55 (2P, 4E)	Water Supply	
2.55 (2P, 3E)	State Level Natural Resources Damages	
2.5 (1P, 6E)	Pesticides	
2.4 (4P)	Remedial Technology Implementation	
2.35 (2P, 2E)	Coal Industry	
2.3 (2P, 2E)	Budget Reductions	
1.8 (2P)	Perchlorate	
1.75 (5E)	Nanotechnology	
1.5 (2P, 1E)	Pollution Prevention	
1.45 (1P, 3E)	Data Management	Current ECOS project
0.75 (1P)	Metals	
0.65 (1P)	Food Safety	
0.5 (1E)	Agriculture	
0.45 (1E)	X-Ray Machines	

* Includes proposals, active projects, and implementation projects as of 2010

Notes on ranking:

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., then 0.50 for Emerging #1, 0.45 for Emerging #2, etc. Some states did not rank priorities. In order to provide fair inclusion, an average priority was assigned to all needs.