

It has been a busy summer! And Chris and I have worked hard to keep up with Anna Willett as she has assumed her new position as ITRC Director! Anna has been feverishly working to come up to speed on ITRC issues. She has brought new perspective that we believe will help ITRC in the years ahead.

Let's look at some of the ideas we are planning to implement:

**Finalizing the 2009 budget for presentation at the Fall Meeting.** This goal will be difficult due to the timing of the meeting, but we are planning to prepare a budget earlier than in the past few years. This will have many benefits. New projects can begin to build their teams. The Industry Affiliates Program can begin to match up with projects they will work with. If a project does not receive funding, the team that developed it would have a head start looking for potential outside funding sources. We have alerted our funding agencies that we are planning this effort and have their support.

## CO-CHAIR UPDATE

By Bob Mueller (NJ)  
and Chris Costopoulos (NY)

**Pulling together an ad hoc committee to develop an ITRC Document Quality Framework.** This document will serve as a QA/QC tool for team leaders,

program advisors, and team members to refer to while preparing technical/regulatory documents. This document has been on the "to-do" list for some time. Recently, the Board had to make some tough decisions with regard to work products. We hope this new framework will help teams better prepare quality documents.

**Membership/Outreach/Communication.** We plan to investigate a complete overhaul of our Web page. You may see a survey or a request for input on how our Web site can serve you better. We hope you will provide us with your thoughts.

We had a successful Midyear Review in July. Many POCs generously gave their time to attend a dry run of the vapor intrusion classroom training. The instructors learned much from the POC feedback, as well as from some of our funding partners. The Midyear Review meeting itself was full of information on existing projects and new proposal presentations, as well as updates from our projects in implementation.

Finally, Chris and I will be attending the fall ECOS meeting in September. We will work with the State

(See *Co-chair update*, page 2)



## Register today for ITRC 2008 Fall Meeting

Join ITRC in Phoenix, Arizona, October 20–24 for its 2008 Fall Meeting, "Creating a Bright Future: How ITRC Fits into the Changing Environmental Marketplace." Attendance is open to ITRC members and nonmembers and provides great networking opportunities at continental breakfasts and a reception and during coffee and snack breaks.

The meeting plenary is spread over two days this year and highlights the connection between ITRC and emerging environmental issues, as well as how ITRC products will be used in the future. Special events at this year's plenary include voting for a new co-chair and the conferring of awards to outstanding teams, team leaders, IAP members, and POCs. The

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## 2008 Projects

### Under Development

**Attenuation Processes for Metals and Radionuclides**  
Leaders: Dib Goswami, WA and Carl Spreng, CO

**Brownfields: SMARTe/Land Use Controls**  
Leader: Gwen Zervas, NJ

**Contaminated Sediments**  
Leader: Kim Ward, NJ

**Enhanced Attenuation: Chlorinated Organics**  
Leaders: Judie Kean, FL and Kimberly Wilson, SC

**Integrated DNAPL Source Strategy**  
Leader: Najji Akladiss, ME

**Light Nonaqueous-Phase Liquids (LNAPLs)**  
Leaders: Tripp Fisher, DE and Pam Trowbridge, PA

**Mining Waste**  
Leaders: Cherri Baysinger, MO and Paul Eger, MN

**Perchlorate Remediation**  
Leader: Lee Lippincott, NJ

**Phytotechnologies Document Update**  
Leader: Kris Geller, NJ

**Remediation Risk Management**  
Leader: Tom O'Neill, NJ

**Risk Assessment Resources:**  
–Adaptive Risk Assessment Modeling System  
–Risk and Cleanup  
Leaders: Steve DiZio, CA and Brian Espy, AL

**Sampling, Characterization, and Monitoring: Sensors**  
Leader: Keisha Long, SC

**Unexploded Ordnance: Quality Considerations for Munitions Response**  
Leaders: William Harmon, MI and Guy Warren, AK

### In Implementation

**Alternative Landfill Technologies:**  
–Bioreactors (ALT-3)  
–Post-Closure Care at Municipal Solid Waste Landfills (ALT-4)  
Leader: Charles Johnson, CO

**Diffusion/Passive Samplers (DSP-5)**  
Leader: Kim Ward, NJ

**Ecological Land Reuse (ECO-2)**  
Leader: Charles Johnson, CO

**Radionuclides: D&D of Radiologically Decontaminated Sites (RAD-5)**  
Leaders: Carl Spreng, CO and Robert Storms, TN

**Remediation Process Optimization: Performance-Based Management (RPO-6)**  
Leader: Tom O'Neill, NJ

**Sampling, Characterization, and Monitoring: Triad Implementation (SCM-1)**  
Leader: Keisha Long, SC

**Vapor Intrusion (VI-1)**  
Leaders: John Boyer, NJ and Bill Morris, KS

## Register today from page 1

Fall Meeting draft agenda is at [www.itrcweb.org/Documents/Fallmeeting2008/Draft\\_Agenda\\_Battelle\\_8\\_27\\_2008.pdf](http://www.itrcweb.org/Documents/Fallmeeting2008/Draft_Agenda_Battelle_8_27_2008.pdf).

The plenary session on Tuesday afternoon will feature a panel discussion on Pharmaceuticals in Groundwater and Surface Water with experts from state and regulatory agencies and industry. A talk by Dr. Rolf Halden, coordinator of Environmental Engineering and Water Resources specialty areas at Arizona State University, will precede the discussion. Dr. Halden has published extensively on the occurrence and effects of organohalogenes, pharmaceuticals, and personal care products in water resources.

Industry and federal agency exhibits highlighting innovative technologies and cleanup projects will be on display each full day of the conference. Complete exhibitor information is at [www.itrcweb.org/Documents/FallMeeting2008/2008\\_Fall\\_Meeting\\_Exhibitor\\_Information.pdf](http://www.itrcweb.org/Documents/FallMeeting2008/2008_Fall_Meeting_Exhibitor_Information.pdf).

For information on exhibit and sponsorship opportunities, see [www.itrcweb.org/Documents/FallMeeting2008/Exhibitor\\_and\\_Sponsorship\\_Opportunities.pdf](http://www.itrcweb.org/Documents/FallMeeting2008/Exhibitor_and_Sponsorship_Opportunities.pdf).

The Wyndham Phoenix Hotel is hosting the Fall Meeting and providing accommodations. (September 19 was the cut-off date for hotel reservations.) Please don't forget to register for the meeting; registration is open until Tuesday, October 7. To register online, go to [www.itrcweb.org/2008Registration/2008RegistrationForm.asp](http://www.itrcweb.org/2008Registration/2008RegistrationForm.asp).

The Fall Meeting is free for state and federal attendees; tribal, academia, local government, and community stakeholder attendees; and IAP gold members. IAP regular members pay a \$100 fee; non-IAP industry attendees pay \$200.

ITRC's annual Fall Meeting is the premier venue for technical team members to work on their projects. Other ITRC groups meeting at the conference include the state points of contact (POCs) of the State Engagement Program, representatives of the Industry Affiliates Program (IAP), team leaders, stakeholders, and the Board of Advisors. This year the ITRC Document Quality Advisory Committee will meet to continue working on establishing standards for quality ITRC documents.

We look forward to seeing everyone in Phoenix and having another productive and enjoyable Fall Meeting.

## Co-chair update from page 1

Engagement team to ensure that we know individual state concerns when we communicate with ECOS members. We have a wonderful relationship with ECOS and ERIS, and these meetings are a great opportunity to showcase ITRC, ECOS's largest project.

## Reviewing progress at the 2008 Midyear

The 2008 ITRC Midyear Review meeting in San Francisco in late July was a four-day event that not only served as the traditional venue for the Board of Advisors to evaluate the progress of ITRC projects, but also was the occasion for invited guests to experience a dry run of ITRC's vapor intrusion classroom training. Feedback from this dry run is helping the Vapor Intrusion Team fine-tune the two-day course for its public premier in Portland, Oregon on October 7–8.

### Implementation review

Implementation projects, undertaken by team leaders and POCs to ensure that completed ITRC technical/regulatory documents have long-lasting effect within the environmental community, were reviewed at the Midyear Review. Team leaders and POCs, who are diligently working to market certain ITRC technical/regulatory documents, presented to the Board on their success to get ITRC documents recognized and used to enhance environmental decision making. Presenters spoke about successful marketing efforts on behalf of the following 2007–2008 implementation projects:

- Alternative Landfill Technologies
- Remediation Process Optimization
- D&D of Radiologically Contaminated Sites
- Perchlorate Remediation
- Enhanced Attenuation: Chlorinated Organics

### Current projects

The Board also heard presentations on current projects:

- UXO Quality Assurance
- Attenuation Processes for Metals and Radionuclides

## Interested in Board participation?

Several open positions on the ITRC Board of Advisors are opportunities for you to increase your level of influence at ITRC. The following Board positions are open for three-year terms beginning in January 2009:

**Co-Chair**—Must be a state employee; elected by membership at the Fall Meeting; currently held by Bob Mueller (NJ).

**Team Leader Liaison**—Must be a state employee; appointed by Co-Chairs and Co-Chair Elect; currently held by George Nicholas (NJ).

**At-Large Position**—Must be a state employee; appointed by Co-Chairs and Co-Chair Elect; currently designated as Training Coordinator and held by Michael Smith (VT).

**Industry Representative**—Must be an employee of an IAP member organization; appointed by Co-Chairs

- Bioremediation of DNAPLs
- Risk Assessment Resources
- Risk and Cleanup and Adaptive Risk Assessment Modeling System (ARAMS)
- Remediation Risk Management
- Light Nonaqueous-Phase Liquids (LNAPLs)
- Contaminated Sediments
- Mining Waste
- Brownfields (SMARTe/Long-Term Stewardship)
- Phytotechnologies

### 2009 proposal presentations

Fifteen-minute presentations on projects proposed for 2009 included:

- Biowall Technology
- Ethanol and Biobased Fuels
- Green and Sustainable Remediation
- Guide to Munitions Constituents Regulatory Status Sampling and Treatment
- In Situ Stabilization and Solidification
- Multi-Incremental Sampling
- On-Site Demilitarized Strategies
- Optical Remote Sensing Perimeter Air Monitoring for Manufactured Gas Plants
- Sustainable Stormwater Management on Contaminated Properties
- Pharmaceuticals in Water

With the wealth of information presented at the Midyear Review, members of the Board of Advisors are armed with the intelligence they need to start making some programming decisions about the future direction of ITRC into 2009 and beyond.

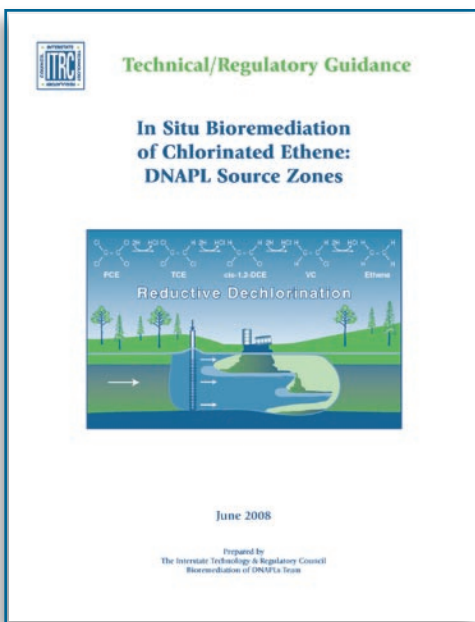
and Co-Chair Elect in consultation with IAP; currently held by Brian Sogorka (Langan).

If you're interested in any of these positions, please apply with a one-page resume and a one-page statement of interest. The resume should list the nature of your current employment, a brief employment history, and contact information for your supervisor.

The statement of interest should detail your goals for the Board of Advisors position and ITRC in general. Submit these materials electronically to Anna Willett, ITRC Director, ([awillett@sso.org](mailto:awillett@sso.org)) by the end of the day on Friday, October 10, 2008. Incomplete or alternative-form applications will not be accepted and will be returned electronically. ITRC will confirm your eligibility for the position with your employer prior to application acceptance.

# Hot off the press

**In Situ Bioremediation of Chlorinated Ethene: DNAPL Source Zones** (BioDNAPL-3, June 2008), the latest guidance from ITRC's DNAPLs Team, provides a systematic understanding of the technical and regulatory considerations for using in situ bioremediation (ISB) to treat chlorinated ethene DNAPL source zones. Dense, nonaqueous-phase liquids (DNAPLs), primarily those containing chlorinated ethenes, pose one of the most widespread and prominent types of contamination associated with Superfund sites and present remediation problems at many DOD and DOE sites.

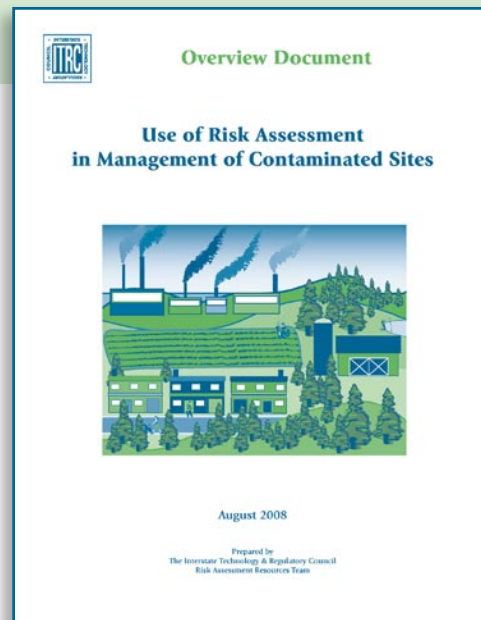


The guidance is based on scientifically sound and credible evidence supporting the safe and cost-effective application of ISB of DNAPL source zones, which relies on the use of microorganisms to convert contaminants to less harmful compounds—

either stimulating the activity of microorganisms already present in the subsurface (biostimulation) or adding selected organisms (bioaugmentation).

The proper management of the ISB technology can result in faster remediation compared to traditional technologies requiring the use of energy, fluids, or oxidants to recover or degrade DNAPL. ISB offers the potential advantage that microorganisms, which can attack the contaminant at or near the DNAPL/water interface, can minimize contaminant mobilization and may provide an effective, efficient, and less costly approach to DNAPL source zone remediation.

The guidance provides the reader with information to properly implement the technology, including site characterization requirements, application and design criteria, process monitoring, and process optimization.



**Use of Risk Assessment in Management of Contaminated Sites** (RISK-2, August 2008), an overview document from the Risk Assessment Resources Team, examines state regulatory agencies' use of risk assessment and risk-related practices in managing contaminated sites through actual and hypothetical case studies.

The team's previous report on risk-based soil screening values determined that, for the most part, states follow a similar process and only minimal variation results in risk-based numerical criteria. In the development of RISK-2, the team determined that the implementation of risk-based numerical criteria—the way in which the criteria are used in the field and in the management of contaminated sites via risk assessment—introduces orders of magnitude of variation in decision outcomes.

Traditional case studies were conducted on five sites where risk assessment or risk-based principles and practices were used. The team observed that while many traditional stumbling blocks to site cleanup were apparent, several innovations and unique approaches—field screening methods, composite sampling, and probabilistic risk assessment—enhanced both the assessment and management of risk at several sites.

The team also conducted two comparative case studies wherein state and federal representatives were provided the same data sets and asked to address key issues in the risk assessment and risk management process. These enabled the team to pinpoint steps in the risk assessment process where variations can lead to differences in risk management outcomes.

# ITRC Midyear Review

Photos by Sriram Madabhushi



Panel reviews implementation progress: Tom O'Neill, Gary Beyer, Larry Syverson, Charles Johnson, Craig Dukes, and Robert Storms.



Jeff Painter



Clay Trumpolt



ITRC Co-chairs Christine Costopoulos and Bob Mueller



Kris Geller



Hugh Reick



Brian Espy and George Nicholas

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# ITRC Midyear Review *continued*



Team leaders, POCs, and board members participate in an implementation review.



Tom O'Neill



Pasupathy Ramanan, Erica Becvar, Kimberly Wilson, and Mary Jo Ondrechen



Dib Goswami



Project presentations included time for questions from attendees.



Gwen Zervas

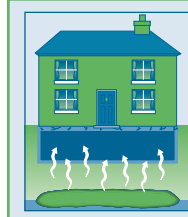
# ITRC offers two-day training: Vapor Intrusion Pathway

This class provides an opportunity to learn about the vapor intrusion pathway and network with a diverse group of participants. By the end of September, the class reached its capacity of 150 students registered, including state and local personnel from 11 states, EPA personnel from six regions and Headquarters, and numerous private-sector participants. Interactive learning with hands-on exhibits, classroom exercises, and frequent Q&A sessions will reinforce course objectives and contribute to a practical understanding of this difficult pathway. This class is sponsored by ITRC in conjunction with the Oregon Department of Environmental Quality.



## Vapor Intrusion classroom training dry run is a success

On July 21–22, instructors delivered a dry run of the ITRC two-day classroom training on Vapor Intrusion Pathway: A Practical Guideline. The dry run audience included ITRC state POCs and invited guests with a total of 45 state regulators, two EPA representatives, two community stakeholders, and six representatives from industry, in addition to the training class instructors and support. Participant feedback attested to the event's success and provided suggestions to improve the training course. The training class instructors are working to address comments so they can offer an even better training event when the class premieres to the environmental community on October 7–8 in Portland, Oregon. For more information and to register, see [www.itrcweb.org/crt.asp](http://www.itrcweb.org/crt.asp) or [www.regonline.com/ITRC-VI-OR](http://www.regonline.com/ITRC-VI-OR).



### Vapor Intrusion Pathway: A Practical Guideline

October 7–8, 2008 • Portland, Oregon

For more information and to register, see [www.itrcweb.org/crt.asp](http://www.itrcweb.org/crt.asp) or [www.regonline.com/ITRC-VI-OR](http://www.regonline.com/ITRC-VI-OR).

### The dry run audience provided the following feedback:

“The interactive and show-and-tell nature of the presentation helped to keep the audience’s attention and interest.”—*Consultant*

“Well done, engaging, kept attention, and kept students motivated”—*State Regulator*

“One of the better training courses I’ve ever taken.”—*State Regulator*

“Excellent course and views. Presenters were excellent.”—*State Regulator*

### The Instructors

Instructors for the ITRC two-day classroom training on Vapor Intrusion Pathway are members of the ITRC Vapor Intrusion Team. They are internationally recognized experts on vapor intrusion, who bring their expertise and energy to the training class. Participants in the dry run provided the following feedback:

“All the instructors were great speakers with excellent command of the subject.”—*State Regulator*

“They are all experts and have working knowledge and experience.”—*State Regulator*

“The knowledge and quality of the instructors and their delivery was exemplary.”—*Community Stakeholder*

“...dynamic and interesting speaker who knows how to hold the attention of the audience.”—*State Regulator*

### John Boyer,

New Jersey Department of Environmental Protection, is a technical co-lead for ITRC’s Vapor Intrusion Project and principal in developing vapor intrusion policy for NJDEP.

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### Bill Morris,

Kansas Department of Health and Environment, is a technical co-lead for ITRC's Vapor Intrusion Project and KDHE's quality assurance officer and point of contact for vapor intrusion issues.



### Blayne Hartman, Ph.D.,

H&P Mobile Geochemistry, Carlsbad, California, is the author/editor for vapor intrusion and soil gas guidance for U.S. EPA, CALEPA, ITRC, DOD, API, ASTM, and more than 25 separate state documents.



### Todd McAlary, P.E., P.G.,

GeoSyntec Consultants, Ontario, Canada, is the technical director of one of the world's largest studies of subsurface vapor intrusion and a member of the EPA OSWER Expert Panel since 2000.

### David Folkes, P.E.,

EnviroGroup, Ltd, Centennial, Colorado, is project manager of one of the largest vapor intrusion sites in the country since 1998. He has worked on more than 30 other vapor intrusion projects across the United States.



## The Exercise



A highlight of the training class is a group exercise where participants are divided into groups of six people. The groups are assigned to provide a variety of perspectives and expertise, much like what happens in real-world projects. The groups work together to address a case study. Course instructors are available to work with individual groups to answer questions. Participants in the dry run praised the exercise portion of the training class:

"This was the best exercise I have ever participated in at a training class. The process worked well with making decisions, getting data, and going forward. Well done!"—*State Regulator*

"Group exercises usually make me cringe. This was a notable exception. Minor problems notwithstanding, the exercise was extremely well-structured, and I found it most effective. The discussion within our group really brought out a lot of the issues that our instructors have been trying to illustrate."—*State Regulator*

"This was an excellent example, was very well thought out, and provided invaluable learning and stakeholder interaction."—*Consultant*

"The shining star ... is the exercise problem set that allows individual attendees to 'buy' whatever data packages they want to, to help them solve the problem (by making a clear and defensible decision for each building). It is the best part of the training."—*EPA Participant*

"This was a great exercise to test my knowledge and understanding. I knew about vapor intrusion, and this really forced me to apply what I had learned over the last day."—*State Regulator*

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## The Networking

ITRC brings together people from all aspects of the environmental community to study problems and develop guidance. The ITRC Vapor Intrusion classroom training is based on ITRC's national VI pathway guidance, which was developed through the combined efforts of more than 100 professionals, including state and federal regulators, consultants, technology vendors, industry, and community stakeholders. Recognizing the value of networking within the environmental community, the instructors designed the classroom training to provide participants with the opportunity to network. The classroom



exercise is specifically designed to allow people from various organizations in the environmental community to interact and share perspectives. During breaks, participants had the chance for discussions. Additional networking opportunities are planned for the training class on October 7–8 in Portland, Oregon. For more information and to register, see [www.itrcweb.org/crt.asp](http://www.itrcweb.org/crt.asp) or [www.regonline.com/ITRC-VI-OR](http://www.regonline.com/ITRC-VI-OR).

“Liked working with the group and how the group covered a range of experience. A group of people with varied experiences in different areas show an effective team building approach.”—*State Regulator*

“This (the exercise) was my favorite part of the training. It provided insight into group dynamics and how opinions differ greatly even among a small group of six.”—*Community Stakeholder*

“I liked the exercise—it was well designed. The discussion/debate in our group was animated and emotional, probably a good indication of the complexity of this pathway.”—*State Regulator*

“The classroom exercise was very helpful to gain perspectives of other people....”—*Consultant*

## ITRC attends 2008 Global Waste Management Symposium

ITRC was represented at the 2008 Global Waste Management Symposium in Copper Mountain, Colorado. ITRC Co-chair Bob Mueller attended the conference, manned the ITRC booth, and distributed documents. Bob also had literature publicizing ITRC's upcoming classroom course on vapor intrusion. Bob is hopeful that this opportunity to expose more than 400 waste management professionals to ITRC will entice new members to the organization.

## Calendar of Internet-Based Training Classes

| ITRC Internet-Based Training Course Title  | Date   |
|--|--|
| <b>Perchlorate Remediation Technologies</b>  | October 9 (Thursday) 11:00 a.m.–1:15 p.m. Eastern Time   |
| <b>Protocol for Use of Five Passive Samplers</b>                                       | October 16 (Thursday) 11:00 a.m.–1:15 p.m. Eastern Time  |
| <b>Enhanced Attenuation of Chlorinated Organics: A Site Management Tool</b>            | November 6 (Thursday) 11:00 a.m.–1:15 p.m. Eastern Time  |
| <b>In Situ Bioremediation of Chlorinated Ethene—DNAPL Source Zones</b>                 | November 13 (Thursday) 11:00 a.m.–1:15 p.m. Eastern Time |
| <b>Planning and Promoting of Ecological Land Reuse of Remediated Sites</b>             | November 20 (Thursday) 11:00 a.m.–1:15 p.m. Eastern Time |
| <b>Performance-Based Environmental Management</b>                                      | December 2 (Tuesday) 2:00 p.m.–4:15 p.m. Eastern Time    |
| <b>An Overview of Direct-Push Well Technology for Long-Term Groundwater Monitoring</b> | December 11 (Thursday) 11:00 a.m.–1:15 p.m. Eastern Time |

Registration for online courses opens four to six weeks in advance. There is no cost to participate, but registration is required and can be accessed at [www.itrcweb.org](http://www.itrcweb.org) under “Internet-Based Training” or directly at <http://clu.in.org/studio/seminar.cfm> through our partnership with USEPA. Course dates are subject to change, so visit our training page for additional information and schedule updates.

## POCs:

# Helping ITRC focus on environmental topics important to states

ITRC state points of contact (POCs) help ITRC identify topics that are the most important for states and the broader environmental community—these topics are also ones that could most benefit from ITRC collaboration and study. Each year, POCs gather information from their states on priority and emerging issues; the results provide input for ITRC to use in developing and selecting project proposals.

## Identifying priority and emerging issues

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 can be made on selecting ITRC projects. On a yearly basis, POCs collect, compile, and prioritize their states' information. Priorities are issues the state faces right now or within the next one to three years; emerging issues are those on the horizon that the state will face in four or more years. Rather than a comprehensive list of all state environmental issues, POCs focus on the issues for which ITRC can provide value to the states and the broader environmental community.

On August 27, POCs kicked off this year's process with a conference call to share ideas on how to get input from all areas of a state's environmental organization and from the broader environmental community—site owners, consultants, community stakeholders, and others. POCs have until November 7 to provide their states' list of priority and emerging issues. In November and December, the results will be compiled and analyzed. In early 2009, the State Engagement Program will share the analysis with the ITRC Board of Advisors.

Analyzing states' priority and emerging issues informs the project proposal development process. During the ITRC Fall Meeting in October, POCs will discuss preliminary results of their priority and emerging issues to identify new topics for which POCs or others may want to develop a project proposal. In the spring, based on funding availability, ITRC will call for pre-proposals.

## Providing input to project proposals

POCs also provide input when ITRC is reviewing project proposals. During the 2008 ITRC Midyear Review, POCs heard presentations highlighting 2009 project proposals submitted to ITRC during this year's ITRC project proposal process. For 2009 project proposals, 43 POCs completed surveys asking them to select from the following options in describing their states' expected level of participation:

- State plans to have a team member and will reply to surveys, reviews, attend training dry runs, and conduct implementation activities to get products used in their states.
- State is interested in the topic and will reply to surveys, reviews, attend training dry runs, and conduct implementation activities to get products used but does not expect to have a team member.
- State is not especially interested in the topic but may respond to surveys, reviews, attend training dry runs, and conduct implementation activities to get products used.
- State is definitely not interested in this topic and will not have a team member or respond to surveys, reviews, attend training dry runs, or conduct implementation activities to get products used.

A higher level of participation received a higher score, culminating in a ranking for the proposals based on expected level of state activity, rather than a direct ranking of importance of the topic to states, since states had already documented their state priorities and emerging issues.

When providing input, POCs also had the opportunity to provide comments about each proposal. Some POCs provided specific contact information for people within their state agencies who are interested in the topic and want to be team members. Other POCs furnished specific information the ITRC team could provide to make the project most useful for their state.

Mavis Kent, the State Engagement representative on the ITRC Board, will convey this information to the Board to assist it in project decision making. More information on the ITRC project proposal process is available on the "Planning" section at [www.itrcweb.org](http://www.itrcweb.org), including Board Ranking Criteria for Standard Proposals.

## Communicating with team leaders

At the beginning of 2009, the State Engagement Program will provide team leaders with state priority and emerging issues information that may apply to their projects. For new projects starting in 2009, team leaders will receive information from POCs on the expected level of input from their states. Additional POC comments may include state contacts and items of special interest to the state for those new projects.