

Quarterly Update

September 2005



INTERSTATE TECHNOLOGY & REGULATORY COUNCIL

This has been an active couple of months for ITRC –strategic planning, team meetings, POC calls, conference appearances, and the Mid-Year Review have kept us moving! As reported in the last issue of the *Quarterly Update*, the Board of Advisors has been devoting significant effort toward completion of the strategic plan. The plan is now complete, and the board looks forward to working with the membership to begin the critical implementation phase. On behalf of the board, we are confident our strategic plan will provide direction for ITRC and help better position us to meet the inevitable challenges and change in the future. For more about the strategic plan, refer to the article on page 3.

CO-CHAIR UPDATE

The ITRC Industry Affiliates Program (IAP) continues to be a center of attention. Anna Willett provided a great update at the

Mid-Year Meeting, and she is happy to report that membership continues to grow. We now have a total of 11 companies in the IAP. More information about the newest IAP members is provided in this newsletter.

In June, ITRC had representatives at the NAID/DADC Annual Conference in Denver, CO. We attended the conference at the request of ECOS and are continuing to examine opportunities to combine our efforts. ITRC also attended Battelle's 8th In Situ and On-site Bioremediation Conference in Baltimore, MD. Both of these conferences provided opportunities to tell others about ITRC and find potential new members. ITRC gave a presentation at the DOE Performance Monitoring Workshop in Butte, MT and at the EPA sponsored Environmental Technology Verification Program in Portland, ME. Finally, we are continuing to meet with our funding sponsors at every opportunity. Most recently we met our EPA counterparts to ensure that needed communication was occurring.

We look forward to seeing you at the Fall Meeting in Memphis at the end of October. There will be time for team meetings, POC meetings, and plenary sessions for the entire ITRC membership. We also have an important task, election of an ITRC co-chair, to be accomplished at the Fall Meeting. Any one who is interested in the co-chair position, please contact Tim Titus. More details about the meeting are available on the ITRC Web site.

Fall Meeting in Memphis

October 25-28, 2005



Due to the devastating hurricane in the Gulf Region, ITRC has needed to re-locate the Fall Meeting. The meeting will be held during the same dates, October 25-28, but will now be in Memphis, TN at the Memphis Marriott Downtown. A room block of rooms has been reserved for ITRC at a rate of \$80 per night. Please make your hotel reservations before September 26, 2005.

There is one change to the meeting schedule. The teams meeting on Friday, October 28, will now end at 3:00 p.m. rather than 6:00 p.m. so people fly home on Friday. Otherwise, the agenda remains the same.

In Memphis, the meeting rooms will be located in the Memphis Cook Convention Center. The Convention Center is accessible via a walkway from the Marriott hotel. All breakfasts, breaks, team meetings, plenary sessions, and reception will be at the convention center. Signs will be posted to direct you and hotel staff will be able to help you find the convention center. ITRC meeting registration will be on the lobby level of the convention center.

If you made hotel reservations at the New Orleans Marriott, those reservations have been canceled. If you had purchased your airline tickets for New Orleans, please check with your airline on changing the ticket to Memphis. Many airlines, if not all, will provide one ticket change without charging a fee. Please contact Tim Titus if you encounter any problems changing airline tickets.

(See *Memphis*, page 2)

In This Issue:

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- Team Leader Highlight

2005 Teams

Alternative Landfill Covers (ALT)

Team Leader: Charles Johnson, CO

Arsenic in Groundwater

Team Leader: Chuck Pippen, NC

Bioremediation of DNAPLs

Team Leader: Naji Akladiss, ME

Brownfields

Team Leader: Christine Costopoulos, NY

Diffusion Sampler

Team Leader: Kim Ward, NJ

Ecological Land Reuse

Team Leader: Charles Johnson, CO

Enhanced Attenuation:

Chlorinated Organics

Team Leaders: Judie Kean, FL
and Kimberly Wilson, SC

MTBE and Other Fuel Oxygenates

Team Leader: Fred McGarry, NH

Perchlorate

Team Leaders: Sara Arav-Piper, NV
and Laurie Racca, CA

Radionuclides

Team Leaders: Tom Schneider, OH
and Carl Spreng, CO

Remediation Process Optimization

Team Leaders: Tom O'Neill, NJ
and Sriram Madabhushi, SC

Risk Assessment Resources

Team Leader: Steve DiZio, CA

Sampling, Characterization and Monitoring (SCM)

Team Leader: Stuart Nagourney, NJ

Unexploded Ordnance (UXO)

Team Leaders: Jeff Swanson, CO
and Gary Moulder, PA

Vapor Intrusion

Team Leaders: Bill Morris, KS
and John Boyer, NJ

Mid-Year Review

Team Leaders, State POCs, and the Board of Advisors met in Salt Lake City, UT in July for ITRC's Mid-Year Review. The facilities were great, and we received a very gracious welcome from Bill Sinclair, Deputy Director for the Utah

Department of Environmental Quality. A number of guests who participated on the Strategic Planning Group also attended the Mid-Year Meeting. During the first part of the meeting, Michael Smith

(VT) and other members of the Board of Advisors presented the strategic plan. (For more information on the strategic plan see the article on page 3.)

Anna Willett (CA) gave a presentation on the progress of the Industry Affiliates Program (IAP) and answered questions. IAP is an important feature of ITRC and will formalize industry's role in ITRC. The second half of the meeting focused on team leaders and their presentations on their team's progress in 2005. We discussed schedules, funding, and team accomplishments. The POCs also highlighted some state success stories. Overall, the board is making strong progress on the development of the strategic plan, and the teams are making good progress on their 2005 goals.



Fall Meeting in
Memphis
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October 25-28, 2005

For more detailed information about the Fall Meeting, refer to the Fall Meeting Web site page located on ITRC's Web site.

Thank you for all of your patience as we have worked to find new space for the Fall Meeting. Our thoughts are with all those who have been affected by the hurricane.

Upcoming Board of Advisor Changes

The terms for three board members will be ending in 2005. One of the open positions is for co-chair, currently held by Bob Mueller. This position will be up for election at the Fall Meeting during the Thursday plenary session. Those interested in becoming a candidate for this position are encouraged to send their interest and brief biography to Tim Titus via e-mail at ttitus@ssso.org or by regular mail. To be eligible for this position, you must be a state environmental employee.

The other two openings on the Board are appointments filled by the co-chairs. The two openings include Team Leader Liaison and a state representative seat. Nominations for these appointments will be considered by the Board. Send nominations with brief biographies to Tim Titus.

ITRC Strategic Plan

The ITRC strategic planning process began this spring and continues to develop. Thanks to the efforts of members of the Strategic Planning Group (SPG), the plan is now final and implementation is beginning. The SPG consisted of Team Leaders, POCs, the Board of Advisors, and representatives of: public stakeholders, industry affiliate members, and Program Advisors. The SPG has given of their time to complete market trends survey along with interviews and focus groups to provide insight into the environmental issues that ITRC may be poised to address. This information was key in setting the direction for the strategic plan.

The plan includes 4 phases:

Phase 1: Alignment and preparation—complete

Phase 2: Strategy Innovation & Validation—complete

Phase 3: Organization Alignment—in process

Phase 4: Operational Planning—in process

Currently, the process is addressing Phase 3: Organization Alignment. The main accomplishments during this phase include determining if the current organization of ITRC aligns with the new strategic plan, determining how ITRC will measure progress in meeting strategic objectives and alignment of current ITRC structure, processes and policies to meet the challenges and changes for the future.

Many possible changes in direction were considered over the course of the strategic planning effort. Two of those most frequently brought up were moving to “remediation plus” and developing a more formal means for tracking emerging environmental issues. Remediation plus is a term the planners are using to indicate an expansion of the traditional focus of ITRC. This reflects not only a change in emphasis of our traditional federal funders, but also considers what new areas of need the ITRC can address in the next decade. Our strategic planning information indicates more interest in measurement technologies, environmental problems, Concentrated Animal Feeding Operations (CAFOs), mining wastes, and homeland security, all of which have been considered outside the pure remediation realm. While ITRC has always been about emerging issues and technologies, it has been suggested that it would be appropriate, and very beneficial, to devote even more effort to earlier identification of issues that may turn into major environmental issues. The ITRC model is well suited, in fact ideal, to address both of these suggestions.

More information about the strategic plan process will be provided throughout 2005.



Celebrating
ITRC's
10th Anniversary

Fall Meeting in
Memphis
October 25–28, 2005

- ▼ Plenary Sessions
- ▼ Team Meetings
- ▼ Anniversary Celebration
- ▼ Exhibit Hall



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Update on ITRC Industry Affiliates Program (IAP)

Since the last printing of the *Quarterly Update*, eight organizations have joined the Industry Affiliates Program (IAP). Tetra Tech is a new Gold Member. New Regular Members include EnviroMetal Tech, GeoInsight, Purifics, Solutions IES, Shaw Environmental, Policy Navigation Group and ProHydro, Inc. ITRC appreciates all of these new members and looks forward to their participation in IAP and ITRC Teams. Please take a moment to learn about our newest IAP members on the Industry Affiliates Program page on the ITRC Web site (www.itrcweb.org/iap.asp).

During the 2005 Fall Meeting in Memphis, an IAP information and welcome meeting will be held for all industry representatives. This meeting is an opportunity to learn about IAP and its role in ITRC and meet current IAP members. The meeting will be held on Thursday, October 27 from 8-9 a.m.

Another special event at the 2005 Fall Meeting is the awarding of the 2005 ITRC Industry Recognition Awards. Each ITRC Team will recognize up to two industry members for their outstanding contributions to ITRC. The award consists of a certificate and a 25% discount on Industry Affiliates Program (IAP) membership fees for 2006.

One final reminder, all industry organizations that become members of IAP before September 30, 2005 will receive a 70% discount on 2006 IAP membership fees (due by March 2006). To join IAP, or if you have questions, please contact Tim Titus at ttitus@sso.org, 202-624-3660, or see information at www.itrcweb.org/iap.asp.



REGULAR MEMBERS



ITRC Celebrates 10 years



2005 marks the 10th anniversary of ITRC and we will be celebrating this milestone during the Fall Meeting in Memphis. We need your help to make the celebration more complete. During the Wednesday, October 26, reception we will be presenting a rolling slide show of ITRC people, places and products. We are looking for photos of early ITRC meetings and teams or items that you would like to share with the group. Please forward these items to Tim Titus either electronically or via mail (all mailed items will be returned to you.). Tim can be reached via e-mail at: ttitus@sso.org or mail at: 444 North Capitol St. NW, Suite 445, Washington, DC 20001.

Internet-based Training

ITRC Internet-based training (IBT) continues to offer a wide variety of course subjects and is very popular in the environmental community with many classes exceeding capacity and wait lists being created. This response is due to the high quality training that teams provide and also the market need for this type of information. Here are just a few of the comments from satisfied training participants:

"I appreciate the regulators' perspectives. Recommendations by regulators, particularly when based on their own personal knowledge, are very important to achieving acceptance across the county for the range of remedial alternatives."
— Site Owner

"Information was relevant and useful to my work. I would definitely feel more comfortable allowing the use of PDB on sites after the presentation. Overall I found the training to be excellent."
— New Jersey State Regulator

"It is very helpful when presenters/educational resources go beyond the document and provide anecdotal information from their personal experiences."
— Community Stakeholder

"Internet format allowed me opportunity to participate in this seminar, which I would not have been able to if I had to travel to attend it, due to cost and time away from office."
— Site Owner

Comments like these can only happen when teams volunteer many hours and develop high quality training. If you have not taken part in an IBT training, please take a look at the upcoming schedule located at right and register for a class. The classes typically run about 2 hours and are offered at no cost. Best of all, classes can be taken at the comfort of your own office without the expense of travel.

IBT provides a great opportunity not only to help others learn about an emerging technology, but to also provide outreach to the environmental community. These classes have also provided valuable training to help stretch department budgets.

For more information about IBT, please contact Mary Yelken at: myelken@earthlink.com.

Upcoming Internet-Based Training Courses

September 20—***What's New With In Situ Chemical Oxidation?***, 2:00–4:15 p.m. Eastern

September 22—***Closed Small Arms Firing Ranges—Characterization and Remediation of Soils at Closed Small Arms Firing Ranges***, 11:00 a.m.–1:15 p.m. Eastern

October 6—***Permeable Reactive Barriers—Lessons Learned and New Directions***, 11:00 a.m.–1:15 p.m. Eastern

October 20—***Strategies for Monitoring the Performance of DNAPL Source Zone Remedies***, 11:00 a.m.–1:15 p.m. Eastern

November 9—***Radiation Site Cleanup: CERCLA Requirements and Guidance***, 2:00 p.m.–4:15 p.m. Eastern

November 10—***Triad Approach—A New Paradigm for Environmental Project Management***, 11:00 a.m.–1:15 p.m. Eastern

November 15—***Examination of Risk-based Soil Screening Levels***, 2:00 p.m.–4:15 p.m. Eastern (Tentative)

November 17—***Constructed Treatment Wetlands***, 11:00 a.m.–1:15 p.m. Eastern

December 6—***Site Investigation and Remediation for Munitions Response Projects***, 2:00 p.m.–4:15 p.m. Eastern

December 8—***Current Information on Perchlorate Contamination***, 11:00 a.m.–1:15 p.m. Eastern

December 13—***Geophysical Prove-Outs for Munitions Response Projects***, 2:00 p.m.–4:15 p.m. Eastern

December 15—***Operational Small Arms Firing Ranges—Environmental Management at Operational Outdoor Small Arms Firing Ranges***, 11:00 a.m.–1:15 p.m. Eastern

Highlight of a Team Leader

Christine Costopoulos began her involvement with ITRC three years ago, when ITRC's New York state POC Jim Harrington encouraged her to participate. Christine became a member of the Brownfields team in 2001, and, by the end of 2002, she had elevated her commitment by serving as the Brownfields team lead.

She says her involvement with ITRC has given her greater overall perspective on different technologies for site remediation. Her work with the Brownfields team has been interesting due to the opportunity to work with other states and with industry to see what their needs are and to learn what is going on in the upper levels of the federal government. Perhaps the chief advantage for her has been the interaction with other states.

Christine says the best part of being an ITRC team lead is helping motivate people towards a common goal. She believes ITRC is a great organization, especially for states, and says, "A lot of great, practical

information comes out of ITRC that helps you in your day-to-day activities."

The Brownfields team is working on their second document, tentatively titled "BRAC Brownfields: Breaking Down the Barriers." The team recently met to do a last round of edits prior to sending out the document for review. The team is also continuing work on SMARTe with EPA. Christine summarized the key points of this product at ITRC's Salt Lake City meeting for the other ITRC team leaders.

Christine Costopoulos is the Brownfields Coordinator/Facilitator in the state of New York. She is "currently on loan" from NY DEC to New York State Economic Agency (formerly Empire State Development). When she isn't working for the state of New York or for ITRC, Christine is practicing to be a chauffeur for her kids; she coaches her daughter's softball team and also attends her kids' many other sports events.

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