

# ITRC Fall Conference (Open to All)

**Monday, November 5**

7:30 AM - 5:00 PM Registration - Centennial Ballroom Foyer

7:45 - 8:30 AM Breakfast - Centennial Ballroom Foyer

8:30 - 9:00 AM **Opening Plenary Session – Centennial A**  
 The state outlook on environmental partnering and the acceptance of new solutions.  
*Edwin Lowry, Director, California DTSC*  
*ITRC co-chairs Brian Sogorka (New Jersey DEP) and Roger Kennett (New Mexico ED)*

9:00 AM - 7:30 PM Exhibits open - Centennial Ballroom Foyer

The rest of this day's agenda is broken into three tracks. The first two are open to all attendees. The third track is limited to ITRC state points of contact (POCs) and specific federal partner representatives.

9:00 AM - 12:00 PM	<b>Track 1 – Centennial B Brownfields Panel Sessions</b> <i>(co-sponsored by the Environmental Council of the States)</i> Panels on national brownfields policy from a variety of perspectives. <i>Invited speakers: Marianne Horinko (USEPA OSWER Assistant Administrator), Charles Bartsch (Northeast Midwest Institute)</i> <i>Speakers: Terri Smith (New Jersey DEP), Michelle Trotter (Cal/EPA), Doug MacCourt (Ater Wynne LLP)</i>	<b>Track 2 – Centennial C Technical Presentations: Innovations and New Ideas</b> Conference co-sponsors lead a technical demonstration/discussion session on innovative ideas and new technology applications. <i>Speakers: Ed Wilson and Dee O'Neill (Columbia Analytical Services), Graeme Whitley (John Wiley and Sons), Scott Wilson (Regenesis), Dave Roelant (DOE/FIU)</i>	<b>Track 3 – Barcelona/ Casablanca ITRC POC Meeting</b> ITRC POCs meet to plan 2002 activities, discuss issues of importance to state members, and coordinate their internal and external efforts.
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10:30 - 10:45 AM Break - Centennial Ballroom Foyer

12:00 - 1:30 PM **Luncheon/DoD Partnerships and Priorities – Centennial A**  
 The DoD outlook on environmental partnering and the acceptance of new solutions.  
*Speakers: Kurt Kratz, Director of Cleanup Programs, Office of the Deputy Undersecretary of Defense (Installations and Environment)*  
*Albert Lowas, Jr., Director, Air Force Base Conversion Agency*

1:30 - 5:15 PM **ITRC Brownfields Team Meeting** *(Team is led by New Jersey) - Naples*

1:30 - 3:15 PM	<b>Track 1 – Centennial B Federal RFP Workshop</b> The EPA SITE Program evaluates innovative characterization and remediation technologies to assess their effectiveness for use at Superfund and other hazardous waste sites. The program has three current or upcoming requests for proposals aimed at technology vendors and sites willing to host technology demonstrations. <i>Speaker: Randy Parker (EPA SITE Program)</i>	<b>Track 2 – Centennial C Cal/EPA Application Workshop</b> A workshop detailing the environmental technology permitting and certification process in California. <i>Speakers: Tam Doduc (Assistant Secretary for Technology Certification, Cal/EPA), Chris Kinne (Assistant Secretary for Permit Assistance, Cal/EPA)</i>	<b>Track 3 – ITRC POC/Federal Partnership Sessions</b> <b>Concurrent sessions:</b> <b>DOE - Tokyo/Vancouver, DoD - Barcelona/Casablanca</b> ITRC POCs meet with DOE and DoD representatives to review federal priorities for inclusion in the ITRC Five-Year Program Plan. <i>Session attendees/panelists include ITRC POCs, DOE and DoD ex officio Board members, and invited guests.</i>
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3:15 - 3:30 PM Break - Centennial Ballroom Foyer

3:30 - 5:15 PM	<b>Track 1 – Centennial C Cal/EPA Application Workshop</b> - See Track 2 above	<b>Track 2 – Centennial B Federal RFP Workshop</b> - See Track 1 above	<b>Track 3 – ITRC POC/Federal Partnership Sessions · Concurrent sessions:</b> <b>DOE - Tokyo/Vancouver, DoD - Barcelona/Casablanca</b> <i>continued</i>
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5:30 - 7:30 PM **Welcome/Sponsor Recognition Reception – Centennial Ballroom Foyer**  
 All attendees are invited to attend this reception hosted by the co-sponsors of the conference.

## Tuesday, November 6

7:30 AM - 5 PM	Registration - Centennial Ballroom Foyer			
7:45 - 8:30 AM	Breakfast - Centennial Ballroom Foyer			
8:30 - 9:15 AM	<b>Plenary Session: DOE Priorities and Opportunities – Centennial A/B</b> The DOE outlook on environmental partnering and the acceptance of new solutions. <i>Gerald Boyd, Deputy Assistant Secretary, DOE Office of Science and Technology</i>			
9:00 AM - 5:30 PM	Exhibits open - Centennial Ballroom Foyer			
9:15 - 9:30 AM	Break - Centennial Ballroom Foyer			
9:45 AM - 5:15 PM	<b>U.S./German Bilateral Brownfields Sessions – Vancouver</b> Special meetings regarding the agreement between the two nations. Invitation only.			
9:45 - 11:45 AM	<b>Track 1 – Centennial B Workshop: DNAPL Source Reduction</b> This workshop will be a dialog among diverse organizations involved with answering the question “Should you go after the DNAPL source?” The discussion will include the pros and cons of DNAPL source reduction, how much removal is needed to have a positive impact on groundwater quality, how to establish remedial action objectives, what incentives and disincentives exist for treatment (economic and regulatory) and related policy issues. Participants will also hear brief presentations on the status of DNAPL treatment technology development and deployment. <i>Speakers: Michael Annable (University of Florida), Jeff Breckenridge (USACE), Anne Callison (Lowry AFB RAB), Skip Chamberlain (DOE), John Cherry (University of Waterloo), Jeff Cornell (AFCEE), Jim Cummings (EPA/TIO), Jay Dablow (The IT Group), Sal Ervolina (NYSDEC), David Fleming (Thermal Remediation Services Inc.), Jeffrey Harwell (University of Oklahoma), Mark Hasegawa (Surbec-ART Environmental LLC), Arthur Heath (Los Angeles Regional Water Quality Control Board), William Heath (Current Environmental Solutions), Gorm Heron (SteamTech Environmental Services), David Major (GeoSyntec), Hans Meinardus (Duke Engineering), Gary Pope (University of Texas at Austin), Dan Waddill (SONAFACENGCOM), Laura Yeh (NAVFAC)</i>	<b>Track 2 – Centennial D Training Course: Using Diffusion Samplers to Obtain Volatile Organic Compound Concentrations in Wells</b> The appropriate use of diffusion samplers can simplify and lower the cost of obtaining samples of groundwater—an important consideration for facilities conducting long-term monitoring and for remedial investigations. This training focuses on the compounds for which this method is appropriate and presents a procedure for standardizing the use of diffusion samplers. <i>Instructors: George Nicholas (New Jersey DEP), Don Vroblesky (USGS)</i>	<b>Track 3 – Centennial C Training Course: Phytotechnologies</b> Using plants to remediate or contain contaminants in soil, groundwater, surface water, or sediments can be an effective, low-cost, and aesthetic alternative to conventional cleanup technologies. This course will give you information and hands-on experience so you can decide whether phytoremediation is a feasible solution for your site. <i>Instructors: Kris Geller (New Jersey DEP), Steve Rock (USEPA), David Tsao (BP Corporation)</i>	<b>Track 4 – Centennial A USEPA/TIO Training Course: Remediation System Evaluation and Optimization of Pump and Treat Projects</b> This seminar will enhance understanding of the Remediation System Evaluation (RSE) process and optimization tools available to site managers of pump and treat systems. RSE improves the efficiency of operation and maximizes the remedy’s effectiveness by identifying ways to reduce O&M costs, shorten closure time, verify clear goals and exit strategy, and ensure equipment is adequately maintained. <i>Instructors: Dave Becker (USACE), Doug Sutton (GeoTrans)</i>
11:45 AM - 1:00 PM	Lunch on your own			

**Tuesday, November 6** *continued*

<p>1:00 - 3:00 PM</p>	<p><b>Track 1 DNAPL Source Reduction Workshop</b> (continued)</p>	<p><b>Track 2 – Centennial D Workshop: Diffusion Sampler Technologies</b></p> <ul style="list-style-type: none"> <li>• PDBS Deployment Initiatives and Experiences</li> <li>• New Applications of Passive Sampling Technology</li> <li>• PDBS Workshop</li> </ul> <p><i>Speakers: Mike Barry (EPA), Tanwir Chaudhry (Interglyph), Jeff Cornell (AFCEE), Bob Genau (DuPont), Hugh Rieck (Arizona DEQ), Javier Santillan (AFCEE), James Taylor (Regional Water Quality Control Board, Central Valley Region), Guy Tomassoni (EPA), Rod Whitten (AFBCA)</i></p>	<p><b>Track 3 – Centennial C Training Course: Advanced Techniques on Installation of Iron- Based Permeable Reactive Barriers and Non-Iron-Based Barrier Treatment Material</b></p> <p>This curriculum will train students using case studies to describe long-term performance of iron-based systems and design them according to the heterogeneity of the subsurface. New construction techniques for excavation and wall emplacement have improved dramatically and barrier construction is as critical as performance monitoring.</p> <p><i>Instructors: Matthew Turner (New Jersey DEP), Mike Duchene (EnviroMetal Technologies), Arun Gavaskar (Batelle), Scott Warner (Geomatrix Consultants)</i></p>	<p><b>Track 4 – Centennial A USEPA/TIO Training Course: Modernizing Site Cleanup</b></p> <p>This seminar will cover three core concepts of a modernized approach addressing contaminated sites. The “Triad Approach” involves three primary elements: systematic planning, dynamic work plans, and real-time data analysis. Case studies will be presented illustrating the “Triad Approach” to different phases of cleanup.</p> <p><i>Instructors: Deana Crumbling (USEPA), Kira Lynch (USACE)</i></p>
<p>3:00 - 3:15 PM</p>	<p>Break - Centennial Ballroom Foyer</p>			
<p>3:15 - 5:15 PM</p>	<p><b>Track 1 – Centennial B Training Course: Chemical Oxidation</b></p> <p>Remediation of groundwater contamination using ISCO (in situ chemical oxidation) involves injecting oxidants directly into the source zone and downgradient plume. The purpose of this training is to familiarize you with the recently released ITRC In Situ Chemical Oxidation Technical and Regulatory Guidance document. It provides technical and regulatory information to help you understand, evaluate and make informed decisions on ISCO proposals. Included is a description of the various chemical oxidants, regulatory considerations, stakeholder concerns, case studies, and technical references.</p> <p><i>Instructors: Tom Stafford (Louisiana DEQ), Wilson S. Clayton (Aquifer Solutions)</i></p>	<p><b>Track 2 – Diffusion Sampler Workshop</b> (continued)</p>	<p><b>Track 3 – Centennial C Training Course: Introduction to OE/UXO</b></p> <p>An abbreviated version of ITRC’s comprehensive 2-day UXO Basic Training Course, ideal for anyone interested in an overview of key environmental issues associated with ordnance and explosives cleanup. Program participants will be introduced to basic terminology, OE/UXO identification, safety concerns, and key federal, state and local regulatory requirements. Additional material on risk assessment, site characterization, remediation, innovative technology and community involvement will also be presented. Attendees will receive numerous handouts including a list of OE/UXO references. This course is intended as an introduction to the OE/UXO field only and is not suitable as a substitute for more comprehensive training that might be required by federal, state or local authorities.</p> <p><i>Instructors: Jeff Edson (Colorado DPHE), Aimee Houghton (CPEO), Amber Kasbeer (R. F. Weston), Norrell Lantzer (Gannett Fleming), Jim Pastorick (Geophex UXO), Jeff Swanson (Colorado DPHE), Tracie White (Stone &amp; Webster), Laura Wrench (Gannett Fleming)</i></p>	<p><b>Track 4 – Centennial A Workshop: Stewardship Technologies for Radiologically Contaminated Facilities</b></p> <p>This workshop, sponsored by the ITRC Radionuclide Team and DOE’s Office of Science and Technology, is an effort to link post-closure technologies with those required for the long-term stewardship of containment facilities. A panel of experts will address current and future programs and demonstrations of in situ and remote sensing technologies with applications to disposal facility monitoring. The panel will provide perspectives from government agencies, site managers, states, stakeholders, and technology vendors.</p> <p><i>Speakers: Craig DeRemer (DOE OST), Jan Edelstein (INEEL CAB), Art Kleinrath (DOE Grand Junction Office), Tom Schneider (Ohio EPA)</i></p>
<p>5:30 - 7:30 PM</p>	<p><b>U.S. Army Corps of Engineers Innovative Technology Meeting</b> (Invitation only) – <b>Shanghai</b></p>			
<p>5:30 - 8:30 PM</p>	<p><b>ITRC Board of Directors Meeting/Dinner – Vancouver</b></p>			

# ITRC Membership Meetings (Team Members Only)

## Wednesday, November 7

7:30 - 8:00 AM	Breakfast - Centennial Ballroom Foyer
8:00 AM - 5:00 PM	Registration - Centennial Ballroom Foyer <i>PrimeTime and SuperShuttle representatives available to accept return reservations 8:00 - Noon</i>
8:00 - 9:15 AM	<b>ITRC Plenary Session: The Year In Review – Centennial A</b> As part of this session, the ITRC membership will elect two new Board Members—a Co-Chair and the Stakeholder Representative. Board members and team leaders will recap ITRC's progress in 2001. <i>Speakers: Members of the ITRC Board of Directors and ITRC Team Leaders</i>
9:30 AM - 5:00 PM	<b>Concurrent ITRC Team Meetings (2001 &amp; 2002 Teams)</b> Beverage breaks in team meeting rooms. Boxed lunches available to be picked up in the Centennial Ballroom Foyer (Noon - 1 PM) <ul style="list-style-type: none"><li>• Diffusion Sampler - Melbourne <i>Team is led by New Jersey and South Carolina</i></li><li>• DNAPL Team - Centennial B <i>Team is led by New York</i></li><li>• Unexploded Ordnance Team (session with the Small Arms team in the morning) - Centennial C/D <i>Team is led by Illinois and Alaska</i></li><li>• Small Arms Team (session with the Unexploded Ordnance team in the morning) - Tokyo (afternoon) <i>Team is led by New Jersey and Washington</i></li><li>• Permeable Reactive Barriers Team - Shanghai <i>Team is led by New Jersey</i></li><li>• DOE Gate 6 Team - Vancouver <i>Team is led by New Mexico</i></li><li>• Sediments Team - Casablanca <i>Team is led by New Jersey</i></li><li>• Perchlorate Team - Barcelona <i>Team is led by South Dakota</i></li><li>• Sampling/Characterization/Monitoring Team - Naples <i>Team is led by New Jersey</i></li></ul> <b>Site Visit for the ITRC MTBE Team</b> - Meet in Centennial Ballroom Foyer at 9:30 AM
6:00 - 8:00 PM	<b>ITRC Members' Reception</b> - Centennial Ballroom Foyer Reception for all ITRC members. Aimee Houghton and Roger Kennett, outgoing members of the ITRC Board of Directors, will be honored.

## Thursday, November 8

7:30 - 8:00 AM	Breakfast - Centennial Ballroom Foyer
8:00 AM - 5:00 PM	Registration - Centennial Ballroom Foyer
8:00 - 9:15 AM	<b>ITRC Plenary Session: The Path Forward – Centennial A</b> As part of this session, the newly elected Board members will be announced and share their vision of the path forward for ITRC. The ITRC Program Director will outline the organization's efforts in 2002 and beyond. <i>Panelists: Members of the ITRC Board of Directors and ITRC Management Staff</i>
9:30 AM - 5:30 PM	<b>Concurrent ITRC Team Meetings (2001 &amp; 2002 Teams)</b> Beverage breaks in team meeting rooms. Boxed lunches available to be picked up in the Centennial Ballroom Foyer (Noon - 1 PM) <ul style="list-style-type: none"><li>• Chemical Oxidation Team - Tokyo/Vancouver <i>Team is led by Louisiana</i></li><li>• MTBE Team - Shanghai <i>Team is led by New Hampshire</i></li><li>• Radionuclides/Long Term Stewardship Team - Barcelona <i>Team is led by Colorado and Ohio</i></li><li>• Phytotechnologies/Constructed Wetlands Team - Melbourne <i>Team is led by New Jersey and Washington</i></li><li>• Unexploded Ordnance Team - Centennial C <i>Team is led by Colorado and Alaska</i></li><li>• Bioremediation Team - Centennial D <i>Team is led by New Mexico</i></li><li>• Alternative Landfill Covers - Naples <i>Team is led by Colorado</i></li></ul>