

EXHIBIT BOOTHS

In addition to the SERDP and ESTCP *Partners in Environmental Technology* exhibit booth, there are several other exhibitors at this event with booths representing funding and partnering opportunities or information resources. Following in order of booth number are short descriptions of each program/organization.

In addition, approximately 400 poster presentations are displayed in the Exhibit Hall, Group 1 on Tuesday and Group 2 on Wednesday. These posters showcase various research projects related to the SERDP and ESTCP focus areas (Environmental Restoration, Munitions Management, Sustainable Infrastructure, and Weapons Systems and Platforms). You're encouraged to tour the posters and exhibit booths during the hours noted below.

Exhibit Hall Hours for Posters and Booths

Tuesday, December 4

7:30 a.m. – 8:45 a.m.
12:30 p.m. – 1:45 p.m.
3:10 p.m. – 3:35 p.m.
5:00 p.m. – 6:30 p.m.

Wednesday, December 5

7:30 a.m. – 8:30 a.m.
9:55 a.m. – 10:20 a.m.
12:30 p.m. – 1:45 p.m.
3:10 p.m. – 3:35 p.m.
5:00 p.m. – 6:30 p.m.

SOCIETY OF ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY (SETAC)

Booth #1

The Society of Environmental Toxicology and Chemistry (SETAC) is a nonprofit, worldwide professional society for individuals and institutions engaged in:

- study, analysis, and solution of environmental problems
- management and regulation of natural resources
- environmental education
- research and development

SETAC's mission is to support the development of principles and practices for protection, enhancement and management of sustainable environmental quality and ecosystem integrity.

SETAC promotes the advancement and application of scientific research on contaminants and other stressors in the environment, education in the environmental sciences, and use of science in environmental policy and decision-making.

The Society provides a forum where scientists, managers, and other professionals exchange information and ideas for development and use of multidisciplinary scientific principles and practices leading to sustainable environmental quality.

Founding principles of SETAC are:

- Multidisciplinary approaches to solving environmental problems
- Balance: Academia, Business, Government
- Science-based objectivity

Embraced fields of study include:

- Analytical chemistry
- Atmospheric sciences and engineering
- Biology
- Classical toxicology
- Ecology
- Environmental chemistry
- Environmental assessment and management
- Genetics
- Product life-cycle assessment
- Microbiology
- Organic chemistry
- Physiology
- Risk Assessment
- Soil sciences and engineering
- Water sciences and engineering

INTERSTATE TECHNOLOGY & REGULATORY COUNCIL (ITRC)

Booth #2

The Interstate Technology & Regulatory Council (ITRC) is a state-led coalition of regulators, industry experts, academia, citizen stakeholders, and federal partners working together to increase regulatory acceptance of state-of-the-art environmental technologies and approaches. With its diverse mix of environmental experts and stakeholders from both the public and private sectors and official participation of more than 45 states, ITRC builds consensus to eliminate barriers to the use of new technologies and approaches so that states can reduce compliance costs and maximize resources. ITRC's network of more than 11,000 people from all aspects of the environmental community is a unique catalyst for dialogue between regulators and the regulated community to build and share technical knowledge about the selection, approval, and application of emerging technologies. For more information about the ITRC, its products, or its technical teams please visit our website at www.itrcweb.org.

JOINT GROUP ON POLLUTION PREVENTION (JG-PP)

Booth #3

JG-PP is a partnership between the Military Services, National Aeronautics and Space Administration (NASA) and the Defense Logistics Agency (DLA), which is chartered by the Joint Logistics Commanders (JLC) to reduce or eliminate hazardous materials or processes within the acquisition and sustainment communities.

The JG-PP mission is to coordinate pollution prevention projects among NASA, military services and their contractors. The primary goal is to reduce the use of hazardous materials and processes, as well as avoid duplication of research and testing, risk and costs. For more information about JG-PP, please visit www.JGPP.com.

PARTNERS IN ENVIRONMENTAL TECHNOLOGY -- SERDP AND ESTCP

Booth #4

The **Strategic Environmental Research and Development Program (SERDP)** and the **Environmental Security Technology Certification Program (ESTCP)** are the Department of Defense's (DoD) environmental technology programs. SERDP and ESTCP address environmental matters of concern to DoD through funding for basic and applied research and development and demonstration/validation of technologies that can enhance the capabilities of DoD to meet its environmental obligations. Within its broad areas of interest, the programs focus on Environmental Restoration, Munitions Management, Sustainable Infrastructure, and Weapons Systems and Platforms technologies.

SERDP is DoD's environmental science and technology program, planned and executed in full partnership with the Department of Energy and the Environmental Protection Agency, with participation by numerous other federal and non-federal organizations. To address the highest priority issues confronting the Army, Navy, Air Force, and Marines, SERDP focuses on cross-service requirements and pursues high-risk/high-payoff solutions to the Department's most intractable environmental problems. The development and application of innovative environmental technologies support the long-term sustainability of DoD's training and testing ranges as well as significantly reduce current and future environmental liabilities.

ESTCP is DoD's environmental technology demonstration and validation program. The goal of ESTCP is to identify, demonstrate, and transfer technologies that address DoD's highest priority environmental requirements. The Program promotes innovative, cost-effective environmental technologies through demonstrations at DoD facilities and sites. These technologies provide a return on investment through improved efficiency, reduced liability, and direct cost savings. ESTCP's strategy is to select lab-proven technologies with broad DoD application and aggressively move them to the field for rigorous trials documenting their cost, performance, and market potential.

The guiding principles of both SERDP and ESTCP include ensuring that user's needs are addressed vigorously and that developed technologies are rapidly transitioned to the field. For

more information about either program, visit the SERDP web site at www.serdp.org or the ESTCP web site at www.estcp.org.

ARMY ENVIRONMENTAL QUALITY TECHNOLOGY (EQT) PROGRAM

Booth #5

The Army Environmental Quality Technology (EQT) program addresses the Army's highest-priority environmental technology needs through a centralized "top-down" leadership oversight of "bottom-up"-driven environmental quality technology requirements. An innovative approach to program management and oversight for environmental quality research, development, test and evaluation, the EQT Program Oversight Process affords senior Army leadership the ability to set priorities for needs, focus resources, and ensure cost-efficient investments for technology maturation, transfer, insertion and capitalization.

The net result produces a virtual toolbox of innovative technologies to address high-priority environmental quality research and development needs while reducing total ownership costs, enhancing mission readiness and fulfilling the Army's environmental stewardship goals and responsibilities.

UXO TECHNOLOGIES PROGRAM

Booth #6

The Standardized UXO Technology Demonstration Sites Program is a multi-agency undertaking coordinated by the U.S. Army Environmental Command (USAEC). The program is funded and supported by the Strategic Environmental Research and Development Program (SERDP), the Environmental Security Technology Certification Program (ESTCP), and the U. S. Army Environmental Quality Program (EQT). The Aberdeen Test Center (ATC), and the U.S. Army Corps of Engineers provide programmatic support.

The Standardized UXO Technology Demonstration Sites Program has testing sites located at Aberdeen Proving Ground (APG), MD and Yuma Proving Ground (YPG), AZ. The program provides an automated system for scoring of sensor and system performance in both the response and discrimination stages, allowing for comparison of gathered data. Performance reports are posted to the program's Internet Web site to allow access to testing and demonstration results. The program also maintains a standardized target repository of items available to use for testing and demonstration purposes.

U.S. ARMY ABERDEEN TEST CENTER (ATC)

Booth #7

The U.S. Army Aberdeen Test Center (ATC) is a diverse Department of Defense (DoD) Major Range and Test Facility Base with the mission to assure our nation's armed forces that their weapons and equipment will perform properly, safely and reliably in the field.

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NATIONAL DEFENSE CENTER FOR ENVIRONMENTAL EXCELLENCE (NDCEE)

Booth #8

The NDCEE serves as a national leadership organization addressing high-priority environmental, safety, occupational health, and energy challenges for the Department of Defense (DoD), other government agencies, and the industrial community. As a critical component of the DoD's environmental quality investment strategy, the NDCEE serves as an efficient contracting mechanism and is able to accept reimbursable funding for technology development, demonstration, validation, and transfer to support DoD installations, weapon systems, training ranges, and the war fighter in the topic areas of environment, safety, and occupational health. Support to other government agencies is provided through Interagency Agreements. The Office of the Assistant Secretary of the Army, Installations and Environment (OASA[I&E]) is the Executive Agent for the NDCEE. Concurrent Technologies Corporation (CTC), an independent nonprofit organization, operates the NDCEE on behalf of the DoD.

More information on the NDCEE is available at www.ndcee.ctc.com and www.denix.osd.mil or at the NDCEE booth at this conference.

U.S. ARMY ENGINEER RESEARCH AND DEVELOPMENT CENTER (ERDC)

Booth #9

The U.S. Army Engineer Research and Development Center (ERDC) is one of the most diverse engineering and scientific research organizations in the world. The ERDC conducts research and development (R&D) in support of the Soldier, military installations, and the Corps of Engineers civil works mission, as well as for other federal agencies, state and municipal authorities, and with U.S. industry through innovative work agreements.

The ERDC synergistically addresses R&D in four major areas: Geospatial Research and Engineering, Military Engineering, Environmental Quality/Installations, and Civil Works/Water Resources through the capabilities of seven laboratories: Construction Engineering Research Laboratory in Champaign, Ill.; Cold Regions Research and Engineering Laboratory in Hanover, N.H.; Topographic Engineering Center in Alexandria, Va.; and the Coastal and Hydraulics, Geotechnical and Structures, Environmental, and Information Technology Laboratories in Vicksburg, Miss. ERDC has a staff of more than 2,000 engineers, scientists and support personnel, with an annual research program of \$850 million.

Please contact us for more information! Go to www.erc.usace.army.mil or call 601-634-2100.

NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC)

Booth #10

The Naval Facilities Engineering Command (NAVFAC) provides facilities, installation, and contingency engineering support and services to the Navy /Marine Corps activities worldwide. NAVFAC's environmental program provides high quality support and services in planning, compliance, pollution prevention, natural resources, and site restoration. Innovative environmental technologies used throughout the Navy are identified, developed, and demonstrated through a variety of programs and initiatives. NAVFAC partners closely with other military services, agencies, academia, private industry, regulators, environmental organizations, and community groups to bring forth the best mix of new technologies and management techniques and to deliver expert solutions to our clients. For more information about NAVFAC, visit <http://portal.navfac.navy.mil>.

AIR FORCE CENTER FOR ENGINEERING AND THE ENVIRONMENT (AFCEE)

Booth #11

The Air Force Center for Engineering and the Environment (AFCEE), headquartered in San Antonio, Texas, provides customers with a complete range of world-class environmental management and consultant services and products. As a field operating agency of the Air Force Civil Engineer, AFCEE has its own technical and support staff. The Technology Transfer Office within the Technical Division (TD) of AFCEE offers an information avenue to help Air Force environmental managers traverse the myriad choices for applying existing and innovative technologies in the fields of environmental restoration and pollution prevention. In this capacity, AFCEE/TD identifies and validates environmental research and development requirements, validates cost and performance of treatment technologies, manages demonstration projects, maintains technical libraries, provides in-house technical expertise, educates stakeholders, and influences the regulatory technical and policy environment. Through external and internal collaborative initiatives, AFCEE/TD pursues its overall mission to reduce the risk, cost, and liability of U.S. Air Force contaminated lands.

U.S. EPA OPPT GREEN CHEMISTRY PROGRAM (OPPT)

Booth #12

The U.S. EPA Green Chemistry Program is a voluntary, partnership program whose mission is to promote innovative chemical technologies that reduce or eliminate the use or generation of hazardous substances in the design, manufacture, and use of chemical products and processes. The Program accomplishes these goals through multiple activities including: The Presidential Green Chemistry Challenge Awards, designing tools, databases, and educational materials; and supporting research through grants and fellowships.

Technology Innovation & Field Services Division (TIFSD) PROGRAM

Booth #13

The Technology Innovation & Field Services Division (TIFSD) provides technical support to a wide variety of customers internal and external to the Agency. Technical support includes direct field assistance in responding to incidents and spills, developing or providing analytical services in the field and via laboratories, and training and support on innovative field investigation and remediation technologies. TIFSD is responsible to provide technical direction as the first responder for environmental disasters which include hazardous waste or oil spills and counter terrorism preparation; analytical laboratory support through the management of the Contract Laboratory Program (CLP) or other non-CLP contracts; hazardous waste characterization, exposure assessment, outdoor and indoor air monitoring, and information management. TIFSD will have the responsibility for the development of response guidance and regulations as well as providing support for on-site response actions. Responsible for supporting the One Cleanup Program Initiative; provides outreach training directed to assisting regional/state project managers to integrate new technologies and tools into Superfund and other cleanup programs. Serves as experts for information on remediation technologies; evaluates field readiness of potential remedies and identify important cost and performance issues.

U.S. EPA NATIONAL RISK MANAGEMENT RESEARCH LABORATORY (NRMRL)

Booth #14

U.S. EPA's Office of Research and Development's National Risk Management Research Laboratory's (NRMRL) mission is to develop ways to prevent and reduce pollution of air, land, and water, and to restore ecosystems. Scientists and engineers work to solve a wide range of environmental challenges in the research areas of: Drinking Water Protection; Air Pollution Control; Brownfields; Sustainability/Pollution Prevention; Nanotechnology; Contaminated Media Remediation; Watershed Management & Protection; Environmental Technology Verification; and Technology Transfer & Technical Support. For more information, visit www.epa.gov/ORD/NRMRL.

THE DEPARTMENT OF DEFENSE EMERGING CONTAMINANTS PROGRAM

Booth #15

The Emerging Contaminant Program coordinates the Department of Defense's (DoD) national policy on emerging contaminants for DoD. The EC Program supports DoD's ability to proactively identify and proactively approach emerging contaminants to enable fully informed, risk based investment decisions that protect human health and DoD's operational capabilities.

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DOD LEGACY RESOURCE MANAGEMENT PROGRAM

Booth #16

In 1990, Congress established the Legacy Resource Management Program to provide financial assistance to the Department of Defense (DoD) efforts that preserve our natural and cultural heritage. Three principles guide the Legacy Program: stewardship, leadership, and partnership. Through its stewardship initiatives, DoD helps safeguard its irreplaceable resources for future generations; by embracing leadership, Legacy serves as a model for respectful use of natural and cultural resources; and, through partnerships, Legacy strives to access and build on the knowledge and talents of individuals and organizations outside of DoD. Legacy projects help protect and enhance resources while supporting military readiness.

To better achieve its goals, Legacy emphasizes the following approaches:

- **Interdisciplinary Resource Stewardship:** taking advantage of the similarities between DoD's natural and cultural resource plans by sharing management methodologies and techniques across natural and cultural resource initiatives.
- **Ecosystem-based Management:** maintaining the biological diversity of an ecosystem and ensuring the sustainable use of land and water resources for mission and other uses.
- **Regional Ecosystem Management Partnerships:** applying resource management initiatives in broad regional areas through cooperative partnership efforts (e.g., the Sonoran Ecosystem Management Initiative, Gulf Coast Plain Ecosystem Partnership, Great Basin Initiative, Chesapeake Bay Program, Pulling Together Initiative, Partners in Flight).
- **Education and Outreach:** promoting understanding and appreciation for natural and cultural resources by encouraging greater awareness and involvement by both the military and the public.
- **Innovation:** pursuing the identification of new technologies and/or processes that enable more efficient and effective management.

For more information on current and previously funded Legacy projects, please visit www.DENIX.osd.mil/Legacy.