

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 or organization.

In addition, more than 450 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 program areas (Energy and Water, Environmental Restoration, Munitions Response, Resource Conservation and Climate Change, and Weapons Systems and Platforms). While the Exhibit Hall will be open throughout the Symposium, you're encouraged to tour the posters and exhibit booths when presenters will be available for discussion during the hours noted below.

Exhibit Hall Hours for Posters and Booths

Tuesday, November 29

7:30 a.m. – 9:00 a.m.
12:30 p.m. – 1:45 p.m.
4:30 p.m. – 7:00 p.m.

Wednesday, November 30

7:30 a.m. – 8:30 a.m.
12:30 p.m. – 1:45 p.m.
4:30 p.m. – 7:00 p.m.

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

Booth # 1

The U.S. Army Engineer Research and Development Center (ERDC) is one of the most diverse engineering and scientific research organizations in the world. It consists of seven laboratories at four geographical sites in Vicksburg, MS; Champaign, IL; Hanover, NH; and Alexandria, VA. ERDC has a staff of approximately 2,500 federal employees and contractors, with an annual research program exceeding \$1 Billion. In addition, ERDC has received the repeat distinction for several years as the Army Lab of the Year. The ERDC research and development supports the Department of Defense, other federal agencies, and the nation in military and civilian projects. The ERDC efforts focus on Soldier Support – force protection, force projection and sustainment, maneuver/counter maneuver, terrain battlespace environments, and operational support; Military Installations—facilities and infrastructure, transformation, training, operations, and environmental issues such as military land management and stewardship; Civil Works—water resources infrastructure, navigation, flood control and storm-damage reduction; environmental remediation and restoration, land planning, stewardship and management; threatened and endangered species; and cultural resources. As the world's premier public engineering and environmental science R&D organization, ERDC solves problems to make the world safer and better. For more information, visit the ERDC Web site at www.erd.usace.army.mil.

U.S. ARMY ABERDEEN TEST CENTER (ATC)

Booth # 2

The U.S. Army Aberdeen Test Center (ATC) helps assure that our nation's armed forces are provided with weapons and equipment which perform properly, safely, and reliably in the field. ATC provides the necessary facilities, capabilities, and experience for demonstration and testing to the environmental technology community.

ATC provides the Department of Defense (DoD) a unique resource for environmental technology development, testing, verification, evaluation, and transfer. ATC's access to a variety of testing facilities allows them to conduct nearly any type of environmental technology test or demonstration.

Facilities include test courses, test ranges, explosive test chambers, fire suppression test enclosures, fabrication workshops, climatic test chambers, and underwater test facilities. ATC provides support and is executing projects in a variety of environmental technology programs to include the Strategic Environmental Research and Development Program (SERDP), the Environmental Security Technology Certification Program (ESTCP), the Army Environmental Quality Technology Program (EQT), and the National Defense Center for Energy and Environment (NDCEE).

ATC focus areas related to this conference include environmental technology, fire and explosive suppression, ammunition emissions, bullet trap and shoot house emissions, vehicle emissions, homeland defense, Unexploded Ordnance (UXO) detection & discrimination, UXO neutralization & demilitarization, and range sustainment.

For more information contact:

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AIR FORCE CENTER FOR ENGINEERING AND THE ENVIRONMENT (AFCEE)

Booth # 3

The Air Force Center for Engineering and the Environment (AFCEE) is a field-operating agency of the Air Force Civil Engineer. AFCEE provides Air Force leaders with the comprehensive and diverse expertise they need to protect, preserve, restore, develop, and sustain the Nation's environmental and installation resources. AFCEE's Technology Transfer Program resides within the Technical Support Division (TD) of AFCEE. The Technology Transfer Program offers an information avenue to help AFCEE customers traverse the myriad of choices for applying expertise and innovative technologies in the fields of environmental restoration, pollution prevention, natural resource management, military munitions response, and range cleanup. The Technology Transfer Program is part of the Environmental Restoration Branch of TD.

Refer to the Exhibit Hall Floor Plan in the pages preceding the tabs for booth locations.

AFCEE/TDV offers expertise and consultation services in the areas of environmental chemistry, hydrogeology, risk assessment, toxicology, and engineering. Current TDV initiatives include performance-based management (PBM), technology transfer, and sustainable remediation. More information on AFCEE/TDV and its initiatives can be found online at www.afcee.af.mil/resources/technologytransfer/index.asp.

NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC)

Booth # 4

NAVFAC's Environmental Program provides high quality, timely, cost effective and efficient environmental support to the Navy, the Marine Corps, and other clients. NAVFAC's Environmental Program products and services are provided in the areas of compliance, natural resources, cultural resources, environmental planning, and environmental restoration. We offer sound environmental management and technical support necessary for Navy and Marine Corps compliance with federal, state, local and host nation regulations. We strive to continually improve our relationship with our clients, regulators and other stakeholders through focus on common operational goals, sharing of information regarding our products and services and availability of a highly skilled environmental workforce. Good environmental management can enhance the ability to accomplish assigned missions as well as improve community and public relations. Our staff of engineers, scientists, environmental professionals, technicians and management professionals is organized to be responsive and to provide quality and innovative products and services. Our staff also supports other NAVFAC Business Lines to ensure that all NAVFAC products and services comply with Navy environmental goals. Visit our web site at <https://portal.navy.mil/navfac>.

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

Booth # 5

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.

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Refer to the Exhibit Hall Floor Plan in the pages preceding the tabs for booth locations.

U.S. EPA TECHNOLOGY INNOVATION AND FIELD SERVICES DIVISION (TIFSD)

Booth # 6

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. For more information on the TIFSD Program please visit our website at: www.cluin.org.

INTERSTATE TECHNOLOGY AND REGULATORY COUNCIL (ITRC)

Booth # 7

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 participation of 50 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 environmental technologies. For more information about the ITRC, its products, or its technical teams please visit our website at www.itrcweb.org.

NATIONAL DEFENSE CENTER FOR ENERGY AND ENVIRONMENT (NDCEE)

Booth # 8

The NDCEE addresses high priority environmental, safety, occupational health (ESOH), and energy challenges for the Department of Defense (DoD), other government agencies, and the industrial community. A valuable resource to the DoD, the NDCEE provides military installations with sustainable, cost-effective solutions to plan, build, and modernize facilities and ensure the long-term viability of training lands; enhance mission readiness through training, tools, and technologies that improve the health and safety of the warfighter; and extend the life

and improve the performance of weapon systems. As part of its mission the NDCEE identifies, demonstrates, validates, and transitions technologies that address Service-specific or joint ESOH and energy needs. The Office of the Assistant Secretary of the Army for Installations, Energy and Environment (OASA [IE&E]) is the Executive Agent for the NDCEE. Concurrent Technologies Corporation (CTC), an independent, non-profit research organization, operates the NDCEE on behalf of the DoD. More information on the NDCEE may be obtained by visiting www.ndcee.ctc.com, as well as visiting the NDCEE booth on exhibit at this conference.

DOD NATURAL RESOURCES PROGRAM (NR PROGRAM)

Booth # 9

The Department of Defense (DoD) NR Program's goal is to ensure that DoD manages its natural resources in ways that sustain both critical mission flexibility and our nation's priceless natural heritage. DoD's natural resources are under extreme pressure -- impacts from climate change and invasive species, expanding commercial land use, and urbanization are resulting in increased species endangerment and irreversible landscape degradation. To meet these challenges and support the Secretary of Defense, the NR Program provides policy, guidance, oversight, and advocacy for all natural resources owned or managed by the Military Services. Three principles guide the DoD NR Program and its funding arm, the DoD Legacy Program—*leadership, stewardship, and partnership*. By embracing a leadership role, the DoD serves as a model for respectful use of natural and cultural resources. Stewardship initiatives help DoD safeguard our nation's irreplaceable resources for future generations. Through partnerships, DoD strives to leverage the knowledge and talents of individuals outside of DoD to protect its natural resources holdings and enable the military's testing and training missions. For more information about the NR Program, please visit www.dodnaturalresources.net or www.dodlegacy.org. You can also follow our Twitter account @DoDNatRes or <http://twitter.com/#!/DoDNatRes>.

ASETSDEFENSE

Booth # 10

ASETSDefense (Advanced Surface Engineering Technologies for a Sustainable Defense) is an initiative funded by SERDP/ESTCP to provide DoD organizations and vendors with technology information and engineering data on clean alternatives to current technologies that pose environmental and health problems, such as cadmium and hard chrome plating, chromate finishing materials and treatments, cleaners, strippers, and high-VOC paints. There is a concentration of information on chromate alternatives to assist DoD organizations to meet the requirements of the OSD-ATL Memo of April 8, 2009, "Minimizing the Use of Hexavalent Chromium". The ASETSDefense website at www.asetdefense.org provides an on-line Surface Engineering Database containing detailed engineering performance data, background technology information, and information on approvals and implementations of alternative technologies. ASETSDefense runs a Workshop on *Sustainable Surface Engineering for Aerospace and Defense* every 18 months, the most recent of which was held in New Orleans, February 8-10, 2011. Topical workshops are held on issues of particular concern, the most recent being a *Focused Workshop on Cadmium Plating Alternatives*, held near BWI Airport August 30-31, 2011. Workshop summaries and briefings are placed on the website.

PARTNERS IN ENVIRONMENTAL TECHNOLOGY – SERDP AND ESTCP

Booth # 11

Partners in Environmental Technology has become the hallmark of the annual technical Symposium & Workshop hosted by the **Strategic Environmental Research and Development Program (SERDP)** and the **Environmental Security Technology Certification Program (ESTCP)**. The concept reflects not only the partnership formed by the two host organizations but, more significantly, highlights the many different partnerships that play a pivotal role in the success of Federal technology development—the partnership between Department of Defense (DoD) research and development programs; the partnership between DoD, the Department of Energy (DOE), the Environmental Protection Agency (EPA), and other Federal agencies; the partnership between Federal agencies, private industry, and academia; and, most importantly, the partnership between technology developers, the numerous end users of technology, and environmental regulators and policy developers.

SERDP is DoD's environmental science and technology program, planned and executed in partnership with the DOE and the EPA, with participation by numerous other Federal and non-Federal organizations. The Program focuses on cross-Service requirements and invests across a broad spectrum of basic and applied research, as well as advanced development. The development and application of innovative environmental technologies will reduce the costs, environmental risks, and time required to resolve environmental problems while, at the same time, enhancing and sustaining military readiness.

ESTCP is DoD's environmental technology demonstration and validation program. The Program was established to promote the transfer of innovative technologies that have successfully established proof of concept to field or production use. ESTCP demonstrations collect cost and performance data to overcome the barriers to employ an innovative technology because of concerns regarding technical or programmatic risk. To ensure the demonstrated technologies have a real impact, ESTCP collaborates with end users and regulators throughout the development and execution of each demonstration.

For more information about either program, visit www.serdp-estcp.org.