

SERDP and ESTCP to Host Partners in Environmental Technology Symposium

Program to Focus on Ensuring the Sustainability of Military Testing and Training Ranges

The Partners in Environmental Technology Technical Symposium & Workshop, sponsored by the Strategic Environmental Research & Development Program (SERDP) and the Environmental Security Technology Certification Program (ESTCP), will be held 2–4 December 2003, at the Marriott Wardman Park Hotel, Washington, DC.



Technical Program

This year's program will feature comprehensive sessions that will illustrate how SERDP and ESTCP research & development and demonstration & validation efforts are assisting the Department of Defense (DoD) to address increasingly complex environmental challenges. The preliminary list of technical sessions includes the following:

- Challenges of Dense Non-Aqueous Phase Liquid (DNAPL) Source Zone Remediation
- Monitored Natural Attenuation of Chlorinated Solvents
- Perchlorate Monitoring and Treatment
- Advanced Electromagnetic Induction (EMI) for Unexploded Ordnance (UXO) Detection and Discrimination
- Wide Area Unexploded Ordnance (UXO) Characterization
- Range Impacts Inside and Outside the Fence
- Indicators for Range Sustainability
- Heavy Metal-Free Corrosion Protection
- Environmentally Benign Alternatives to Heavy Metals Plating
- Environmental Impacts of Munitions on Ranges
- Bioavailability of Contaminants in Sediments
- Environmentally Safe Fire Suppression Systems

Other Highlights

- Poster sessions that feature more than 200 technical posters facilitating technology transfer.
- Exhibit booths offering information about funding opportunities in related research programs.
- A concluding session providing a summary of SERDP and ESTCP program development and opportunities to conduct research and demonstrations.
- Networking with more than 800 environmental professionals.

The Sponsors

The Strategic Environmental Research & Development Program (SERDP) is DoD's corporate environmental research and development program, planned and executed in 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 Services, SERDP focuses on cross-service requirements and pursues high-risk/high-payoff solutions to the DoD's most intractable environmental problems.

The Environmental Security Technology Certification Program (ESTCP) is DoD's environmental technology demonstration and validation program. ESTCP's goal 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.

Additional Information

For additional information, please visit www.serdp.org or www.estcp.org or call the Symposium Contact Line at 703-736-4548. If you would like to receive the Technical Program & Registration brochure and you are not yet in the SERDP/ESTCP mailing database, please subscribe to the database via one of the web sites. 

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2003 Navy Natural Resources Conference Set for December

Conference to Take Place in Jacksonville, FL



The 2003 Navy Natural Resources Conference will be held at the Adam's Mark Hotel in Jacksonville, FL from 8 to 12 December.

Sponsored by Commander, Navy Region Southeast, the conference will provide Navy, military and civilian personnel a forum to raise issues, and share success

stories and lessons learned from all aspects of natural resources management. The theme for this year's conference will be "Natural Resources Management: Ensuring the Navy's Mission and Operational Readiness."



The conference will feature sessions throughout each day on topics such as the Endangered Species Act (ESA), marine mammal research, coral reef research and sound in water.

Registration for the conference is free. Those interested in registering or looking at the conference agenda should go to the following website: <http://www.navseic.com/NNR2003>,



using "NNR2003" as the user name and "N456" as the password. The registration form can be completed and submitted online, or printed and faxed to 703-416-1178 or mailed to the following address:

NNR 2003 Conference
c/o Robyn Sweet
Geo-Centers, Inc.
1755 Jefferson Davis
Highway
Suite 910
Arlington, VA 22202

A block of rooms at the Adam's Mark Hotel has been reserved for conference attendees. In order to book a room at the hotel, call 800-444-2326; mention the Navy Natural Resources Conference in order to receive the special conference rate. Reservations must be made by 8 November 2003. ↴



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NFESC Launches Storm Water Web Site

Best Management Practices & Other Resources Now Online

The Naval Facilities Engineering Service Center (NFESC) developed the Storm Water Best Management Practices (SWBMP) web site to assist Navy environmental professionals and their contractors in assessing methods of reducing pollution in storm water runoff. The SWBMP (at <http://enviro.nfesc.navy.mil/stormwaterbmp/>) adopts the “smart buyers guide” approach to obtaining information on pollution prevention and treatment best management plans (BMPs) and other storm water related information. NFESC believes that the use of this new online resource will help Navy personnel meet their storm water compliance goals.

The implementation of storm water control measures currently costs the Navy over four million dollars a year. These costs are required to comply with current National Pollution Discharge Elimination System (NPDES) Phase I and Phase II requirements.

With stricter total maximum daily loads expected in the near future, and increasing public pressure to protect our nation’s water bodies, storm water managers are facing greater challenges to remain in compliance.

On the SWBMP web site, the BMPs are divided into pollution prevention options and treatment options. To help the user identify pollution prevention options that are useful for their specific storm water needs, the SWBMP web site provides a variety of ways of choosing the appropriate pollution prevention options, including an alphabetical listing and a listing by industrial categories. Each pollution prevention option (available in HTML, Word and PDF formats) contains a description, implementation guidance, training requirements, effectiveness, cost and limitations.



Sample treatment BMP.

The user can select appropriate treatment options. There are two methods of selecting treatment options—by specifying the required removal efficiency of pollutants or design criteria. For each treatment BMP, a detailed technical report is available in HTML, Word, or PDF formats.

Other features of the SWBMP web site include:

- **Storm Water Rules and Regulations.** A good overall explanation of the U.S Environmental Protection Agency (EPA) regulations for storm water discharges.
- **Hydrology Notes.** A discussion of the selection of the weather data used for the design of the storm water runoff treatment system.
- **A Storm Water Runoff Calculator.** The runoff calculator is a stand-alone computer program for calculating the amount of storm water runoff and the peak runoff rate. The program is based on the method presented in NRCs Technical Report TR-55. The program can be used to generate estimates for equipment selection or cost estimation purposes.
- **Glossary.** A list of definitions of terms commonly used in connection to storm water treatment technology.
- **Web Links.** A list of web links to related storm water web sites.
- **Contact Information.** E-mail and phone numbers for personnel to contact for questions or suggestions on improving the SWBMP web site. [↕](#)

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