

# Environmental Restoration



# UPDATES

Welcome to our monthly Environmental Restoration newsletter, where we'll be providing periodic updates about new information & products available from the Environmental Restoration Program Area.

## CONTINUING EFFORTS ON PFASs UNDER THE ENVIRONMENTAL RESTORATION PROGRAM AREA

SERDP and ESTCP are continuing research and demonstrations to address issues associated with per- and polyfluoroalkyl substances (PFASs). In addition to the projects described in a [previous blog](#), we have a number of [new efforts underway](#). Check out our new [webpage](#) for SERDP-ESTCP efforts related to PFASs along with the [interactive graphic](#) where you can get more detailed information on selected projects over the years.



A recent substantial effort was the SERDP and ESTCP workshop held in May 2017 on Research and Demonstration Needs for Management of AFFF-Impacted Sites. Approximately 65 invited personnel representing DoD Remedial Project Managers, federal and state regulators, engineers, researchers, industry representatives, and consultants participated and helped to identify critical research and demonstration needs in this area. Results have been published in the [Workshop Report](#) and will be used to structure SERDP and ESTCP investments in PFAS contamination over the next few years.

We've recently four SERDP Statements of Need addressing PFASs as a result of this workshop. Two of the Statements of Need were released in September with proposals due last month. Two additional Statements of Need were released as part of the [FY19 SERDP Solicitation](#) and are addressing issues associated with ecological risk characterization, as well as sampling and analytical methods. The deadline for submitting preproposals on these topics is January 4, 2018 by 2 PM ET. Please go to our [solicitation page](#) to get specific submittal details.

At our upcoming [Symposium](#), we have lots of coverage of SERDP & ESTCP efforts on PFASs. On Tuesday, November 28, look for our [technical session](#) on PFASs; all poster presentations on PFASs will be at the poster session immediately following the PFAS technical session. In addition, on Thursday afternoon, November 30, check out the [short course](#) on PFASs led by Dr. Jennifer Field from Oregon State University, with content developed under her recent [ESTCP project](#).

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## Recently Released Documents, Available for Download

- ER-201328 - "Contaminant Flux Reduction Barriers for Managing Difficult-to-Treat Source Zones in Unconsolidated Media" - [Final Report](#) & [Cost and Performance Report](#)
- ER-201433 - "Validation of Passive Sampling Devices for Monitoring of Munitions Constituents in Underwater Environments" - [Final Report](#)
- ER-201584 - "Providing Additional Support for MNA by Including Quantitative Lines of Evidence for Abiotic Degradation and Cometabolic Oxidation of Chlorinated Ethylenes" - [Magnetic Susceptibility Fact Sheet](#)
- ER-201587 - "Evaluating Long-Term Impacts of Soil-Mixing Source-Zone Treatment Using Cryogenic Core Collection" - [Final Report](#)
- ER-1613 - "Predicting DNAPL Source Zone and Plume Response Using Site-Measured Characteristics" - [Final Report](#)
- ER-2130 - "Assessing the Potential Consequences of Subsurface Bioremediation: Iron-Oxide Bioreductive Processes and the Propensity for Contaminant-Colloid Co-Transport and Media Structural Breakdown" - [Final Report](#)
- Recent Webinar: ["Research and Development Needs for Management of DoD's PFAS Contaminated Sites"](#)

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## Key Events and Meetings

November 28 - 30, 2017 - SERDP-ESTCP 2017 Symposium

The SERDP and ESTCP Symposium is a nationally recognized conference focusing on the Department of Defense's (DoD) priority environmental and installation energy issues. The 2017 Symposium will highlight SERDP and ESTCP's recent efforts to enhance mission capabilities, reduce costs in times of increasing fiscal constraints, and improve environmental and energy performance. The Symposium brings together environmental and energy researchers and technology developers with the defense user and regulatory communities to showcase cutting edge environmental technologies and ideas. The 2017 Symposium will offer 16 technical sessions, a number of short courses, more than 450 technical poster presentations, and exhibitors from funding and partnering organizations. There will be a variety of networking opportunities for the more than 1,000 attendees from the military services; academic and research institutions; private sector technology and environmental firms; and Federal, state, and local regulatory and policy making organizations. [MORE](#)



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## Upcoming Conferences

March 2018 - Navy RPM Conference, Oxnard, CA

A three day training event for NAVFAC Remedial Project Managers (RPMs) and other environmental professionals.

[Conference on Remediation of Chlorinated and Recalcitrant Compounds](#) - April 8 - 12, 2018, Palm Springs, CA