

TECHNOLOGY TRANSFER (T2) UPDATE FOR ENVIRONMENTAL RESTORATION

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The Department of War (DoW) hosts live webinars on key research results from the Strategic Environmental Research and Development Program (SERDP) and the Environmental Security Technology Certification Program (ESTCP). Please find information on two upcoming webinars below.

Demonstration and Validation of Per- and Polyfluoroalkyl Substances (PFAS) Treatment Approaches

Join SERDP/ESTCP on Thursday, March 19 for a webinar that highlights approaches and technologies for the treatment and destruction of PFAS in groundwater and PFAS-impacted wastes, including closed-loop, on-site remediation and centralized destruction solutions.

The first part of the webinar will cover a field demonstration conducted at Wurtsmith Air Force Base for the treatment and destruction of PFAS using ex situ foam fractionation combined with supercritical water oxidation (SCWO). The second part of the webinar will discuss the use of SCWO to treat a variety of PFAS-containing wastes, including foam fractionate, regenerative media distillates, legacy aqueous film-forming foam, spent ion exchange media, and spent granular activated carbon.

The webinar will be held on March 19 starting at 12:00 PM Eastern Time or 9:00 AM Pacific Time.

Visit the link below to register for the webinar:

<https://serdp-estcp.mil/webinars>

Management of Concrete and Asphalt Construction Materials Impacted by PFAS

Another SERDP/ESTCP sponsored webinar will be held on Thursday, March 26 featuring efforts on the management of PFAS-impacted concrete and asphalt materials. The webinar will discuss the transport, leaching, and thermal treatment of PFAS and the potential for reusing treated materials.

The first part of the webinar will focus on the comprehensive management of PFAS-impacted pavements. Specifically, it will discuss low-temperature thermal treatment of pavement and its reuse following treatment, as well as experimental and modeling results of leaching experiments. The second part of the webinar will discuss experimental and modeling research into mechanisms governing PFAS transport, interaction, and transformation in Portland cement concrete and asphalt concrete to determine whether these materials serve as long-term sources of PFAS release.

The webinar will be held on March 26 starting at 12:00 PM Eastern Time or 9:00 AM Pacific Time.

Visit the link below to register for the webinar:

<https://serdp-estcp.mil/webinars>



This email has been prepared by the NAVFAC EXWC Environmental Restoration Division

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ABOUT THIS EMAIL

This email supports the NAVFAC Environmental Restoration Program by providing the latest information on policy, guidance, and training related to innovative technologies. Links are provided to T2 resources and tools. Our goal is to promote the use of innovative technologies, remove barriers to implementing new technologies, and reduce cleanup costs, while remaining protective of human health and the environment.