

TECHNOLOGY TRANSFER (T2) UPDATE

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Department of Defense (DoD) Strategic Environmental Research and Development Program (SERDP) and Environmental Security Technology Certification Program (ESTCP) Webinar Series

Novel Research on Per- and Polyfluoroalkyl Substances (PFAS) Adsorptive Technologies. Join SERDP and ESTCP on February 22 at 12 PM ET (9 AM PT) for a webinar on DoD-funded research efforts related to the use of injectable particulate amendments



for PFAS adsorption in subsurface permeable barriers. The first presentation by Brown University will discuss the results of column studies and modeling for PFAS adsorption by a polymer-stabilized powdered activated carbon (S-PAC) and a polymer-stabilized ion exchange resin (S-IXR). The second presentation by Geosyntec and the University of Waterloo will discuss bench-scale experiments to examine the fundamental processes that govern the adsorption/desorption of PFAS by powdered and colloidal activated carbon (AC). Field-scale testing plans will also be discussed to support informed prediction of the long-term effectiveness of in situ immobilization of PFAS by particulate AC amendments.

To register for the webinars, please visit the link below:

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

Interstate Technology and Regulatory Council (ITRC) Sediment Cap Chemical Isolation Guidance

ITRC has released a recommended framework for sediment cap design. The guidance document focuses on the chemical isolation function of caps from the initial design phase through long-term monitoring.

Key topics covered include capping performance objectives, design concepts, data needs, modeling approaches, construction considerations, and long-term monitoring strategies.

To view the ITRC online guidance, please visit:

<https://sd-1.itrcweb.org/>



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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.