

# **Air Force Technology Demonstration-Validation Projects for PFAS Remediation**

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## **Abstract**

The Air Force Civil Engineer Center (AFCEC) provides funding to promote use of innovative environmental technologies that address AFCEC-specific technology challenges for priority sites and contaminants. Funding opportunities are provided annually through a Broad Agency Announcement (BAA). Awarded BAA projects emphasize field-scale technology demonstration and validation in order to promote technology transfer from pilot-scale testing to wide-spread use by remediation practitioners. Current BAA initiatives focus on technologies for high resolution site characterization, remediation of persistent source zones, and characterization and remediation of emerging contaminants including per- and polyfluoroalkyl substances (PFAS). The FRTR presentation provides a summary of completed and continuing BAA projects related to PFAS. Highlighted technologies from recently completed projects include source zone enhanced mass transfer and treatment, electrochemical treatment, and enzymatic degradation. A brief description of on-going projects describes technologies for ex-situ treatment of groundwater and investigation derived wastewater.