

Environmental Security Technology Certification Program (ESTCP)

RESOURCE CONSERVATION AND RESILIENCY

The Environmental Security Technology Certification Program (ESTCP), Resource Conservation and Resiliency (RC) program area supports demonstration, validation, and technology transfer of the promising innovative environmental technologies that target DoD's most urgent resource conservation and resiliency needs. Projects selected are projected to provide a return on the investment through cost savings and improved efficiencies. Resource conservation and resiliency demonstration and validation efforts should relate to technologies that address natural resources, emissions, or resilient infrastructure, as follows:

- Natural resource efforts should focus on ecological systems; aquatic and marine resources; terrestrial ecology; threatened, endangered, and at-risk species management; and invasive species. Ecological systems of emphasis are forested ecosystems, arid land ecosystems, ecosystems associated with the Pacific Islands and interior Alaska, coastal and estuarine ecosystems. Monitoring and minimization of the impacts of military operations on marine mammals and other marine resources also is of interest.
- Emission efforts should focus on the tools, technologies, and methodologies for the active management of dust, fire, and other emissions from training, testing, and other DoD activities to include both wild fires and prescribed burns.
- Resiliency demonstrations and validation efforts should focus on advanced tools, technologies, and methodologies for the continuum of infrastructure, both natural and built required by the DoD for the maintenance of capabilities, training, and testing of new systems.

SPECIAL INTEREST TOPIC

In FY21, ESTCP has issued two topic areas for the Resource Conservation and Resiliency program area through a Broad Agency Announcement (BAA) to the private sector as well as one topic area of general interest:

- Enhanced Biosecurity and Strategic Mobility with Improved Brown Tree Snake Control
- Coastal Total Water Level Model Comparative Assessment
- Innovative Technology Transfer Approaches

DoD investigators are encouraged to submit proposals through the DoD submittal process that respond to these BAA topic areas. These topics represent areas of particular interest to ESTCP.

POINT OF CONTACT

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For pre-proposal submission due dates, instructions, and additional solicitation information, visit the [ESTCP website](#).