

Resiliency & Readiness Virtual Workshop - A National Look at Military Installation Resilience

Featured REPI Projects

Fort Huachuca, Arizona

Fort Huachuca's partnership with the Bureau of Land Management protects groundwater supplies within the watershed of the San Pedro Riparian National Conservation Area. As part of the 2020 REPI Challenge, Fort Huachuca received \$2.1 million to protect over 2,000 acres of working ranches within the Fort Huachuca Sentinel Landscape. Protecting these compatible lands will help maintain the low levels of electromagnetic and signals interference, which are necessary for operations at Fort Huachuca. Additionally, portions of this land would contribute to natural resources management projects occurring in adjacent forests, decreasing the threat of dangerous wildfires in the area.

Altus Air Force Base, Oklahoma

Altus Air Force Base (AAFB) is working with its partners to acquire restrictive use easements on properties surrounding the installation to limit the potential for height obstructions and radar interference. In addition to mitigating encroachment challenges from wind development, AAFB is also working with the City of Altus and the Tom Steed Master Conservancy District to protect critical groundwater resources in the region. This project will grant AAFB access to a reliable supply of water and help deliver secured groundwater to the City's water system, thereby increasing drought resiliency of the base as well as the community.

Tyndall Air Force Base, Florida

Given Tyndall Air Force Base's proximity to Gulf of Mexico Water Ranges and its heavy use, with 250 training days a year, the Air Force is working to protect and maintain its current mission footprint. This includes increasing the resilience of the installation by protecting coastal areas and wetlands from storm surge, along with preventing tall structures in sections of Tyndall's operating area used for low-level flights.

Naval Weapons Station Earle, New Jersey

The Navy is working with Monmouth County at Naval Weapons Station Earle (NWSE) to purchase easements to preserve farmland and wetlands, prevent incompatible land development, and protect the NWSE mission. This project will protect the sensitive drinking water supply from over-withdrawal and salt intrusion and enhance storm water capacity across watersheds. As a 2020 REPI Challenge winner, NWSE received over \$1.9 million to support a variety of resiliency initiatives across 1.6 million acres of New Jersey, benefitting six strategic, Department of Defense facilities across the state.

Marine Corps Air Station Cherry Point, North Carolina

Marine Corps Air Station (MCAS) Cherry Point is working with partners to conserve 25,000 acres around the Range Complex. The 2020 REPI Challenge awarded MCAS Cherry Point with over \$1.0 million to create 2,100 linear feet of living shoreline along the bordering Neuse River's shoreline, which is rapidly eroding. Subsequently, the goal is to extend that living shoreline an additional 5,600 linear feet, which would provide water quality benefits to the surrounding communities and protect the installation from the threat of sea-level rise, thereby enhancing the resilience of MCAS Cherry Point.

More information on the REPI Challenge and the 2020 award is available in the **2020 REPI Challenge fact sheet**.