



REPI

READINESS AND ENVIRONMENTAL
PROTECTION INTEGRATION PROGRAM



National Conference of State Legislators Military and Veterans Affairs Task Force

June 2023 Meeting

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REPI Program

Office of the Assistant Secretary of Defense (Energy, Installations, & Environment)

REPI Program Components

REPI PROGRAM COMPONENTS



Stakeholder Engagements



Landscape Partnerships



REPI Projects





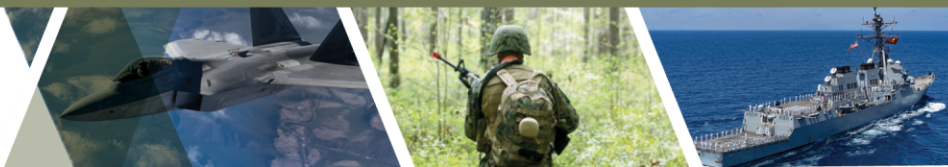
LOWER COSTS

HIGHER COSTS



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Sentinel Landscapes Partnership

Contributions

Savings

DoD
\$197M

Cost Savings
\$857M

Cost-Share Ratio
5.3 : 1

DOI
\$70M

Cost Savings
\$985M

Cost-Share Ratio
15 : 1

USDA
\$307M

Cost Savings
\$747M

Cost-Share Ratio
3.4 : 1

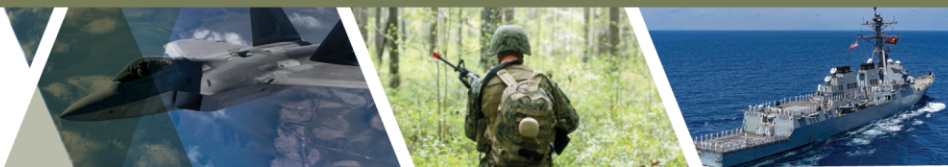


Funding data through FY 2021



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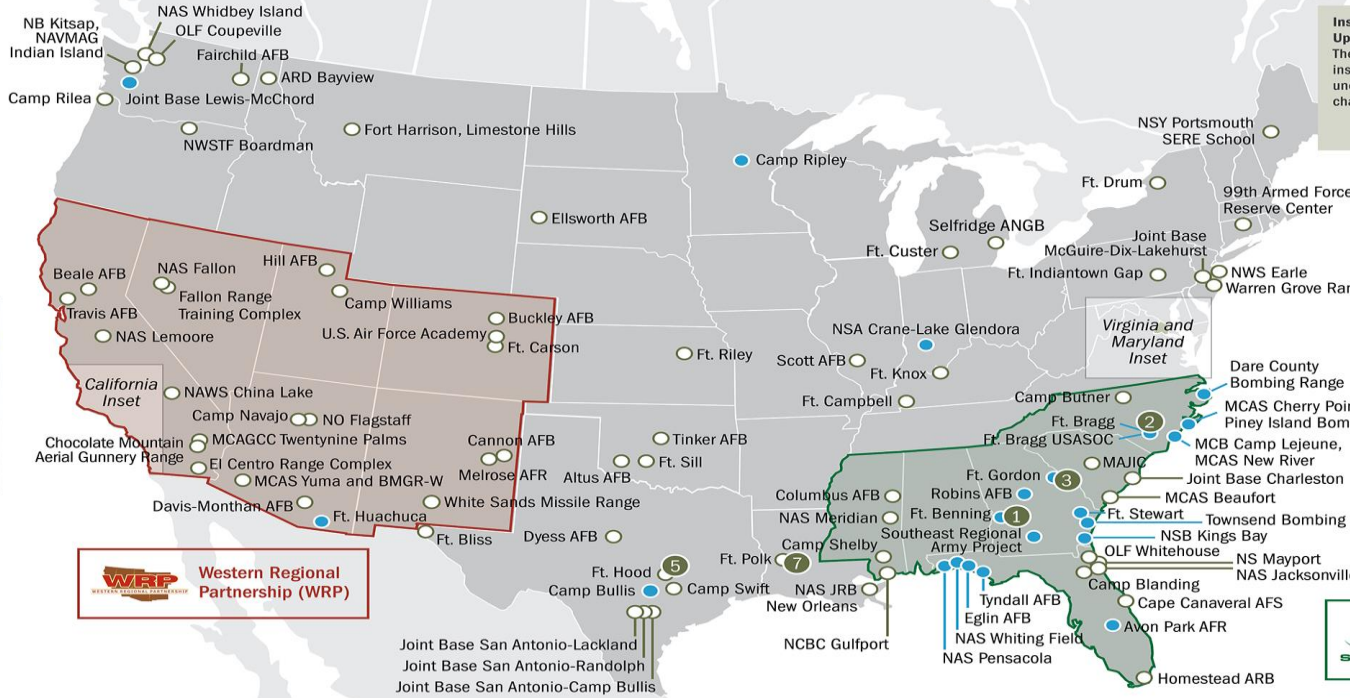
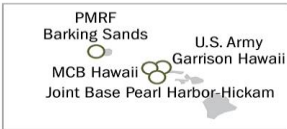
Alaska Inset:



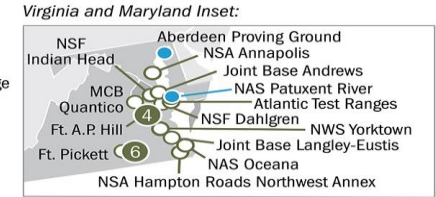
California Inset:



Hawaii Inset:



- Installation Name Updates:**
The following Army installations will undergo name changes in 2023.
- 1 Fort Benning (Future Fort Moore), Georgia
 - 2 Fort Bragg (Future Fort Liberty), North Carolina
 - 3 Fort Gordon (Future Fort Eisenhower), Georgia
 - 4 Fort A.P. Hill (Future Fort Walker), Virginia
 - 5 Fort Hood (Future Fort Cavazos), Texas
 - 6 Fort Pickett (Future Fort Barfoot), Virginia
 - 7 Fort Polk (Future Fort Johnson), Louisiana



WRP Western Regional Partnership (WRP)

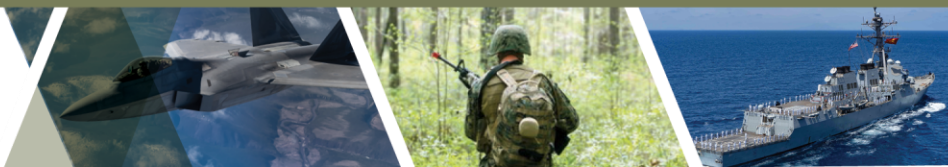
SERPAS Southeast Regional Partnership for Planning and Sustainability (SERPPAS)

- SENTINEL LANDSCAPES**
- Avon Park AFR
 - Camp Bullis
 - Camp Ripley
 - Eastern North Carolina
 - Fort Huachuca
 - Georgia
 - Joint Base Lewis-McChord
 - Middle Chesapeake
 - Northwest Florida
 - South Carolina Lowcountry
 - Southern Indiana



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What does Military Installation Resilience Mean to the REPI Program?

Authorized by 10 U.S.C. § 2684a REPI resilience projects **promote and enhance off-installation nature-based solutions** to protect and sustain military mission capabilities and critical infrastructure.

- Nature-based solutions help installations prevent, prepare for, and recover from anticipated or unanticipated changes in environmental conditions.
- When executing a resilience project, installations may also leverage the **Sikes Act** or **IGSA** Authorities.

What are Climate Change Impacts?



Sea Level Rise and
Recurring Flooding



Increase Drought
Conditions



Extreme Weather



Increased Wildfires



Inland Flooding



Increased Precipitation



Impacts on Protected
Species or Habitat



Thawing Permafrost

Read more about the impacts of climate change at <https://repiprimers.org/resilience/>.



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Complementary DOD and Federal Programs



Office of Local Defense Community Cooperation (Formerly OEA)

Administers an Installation Resilience Program and Defense Community Infrastructure Pilot Program (DCIP), to enhance installation resilience through built and nature-based solutions.



Military Aviation and Installation Assurance Siting Clearinghouse

Protects DOD's mission capabilities from incompatible energy development by collaborating with DOD Components and external stakeholders to prevent, minimize, or mitigate adverse impacts on military training, testing, and readiness operations.



Natural Resources Program

Supports the military's testing and training mission by protecting its biological resources. The Natural Resources Program provides policy, guidance, and oversight for management of natural resources on approximately 27 million acres of military land, air, and water resources owned or operated by DOD.



NFWF National Coastal Resilience Fund (NCRF) and America the Beautiful Challenge (ATBC)

The NCRF restores, increases, and strengthens natural infrastructure to protect coastal communities. The ATBC projects benefit fish and wildlife, enhance carbon sequestration and storage, and protect ecosystems through nature-based solutions.



FEMA Building Resilient Infrastructure and Communities (BRIC) Program

The BRIC Program supports states, local communities, tribes, and territories as they undertake hazard mitigation projects to reduce risks from disasters and natural hazards.



Learn more about other complementary federal programs in the new REPI Resilience Funding Guide



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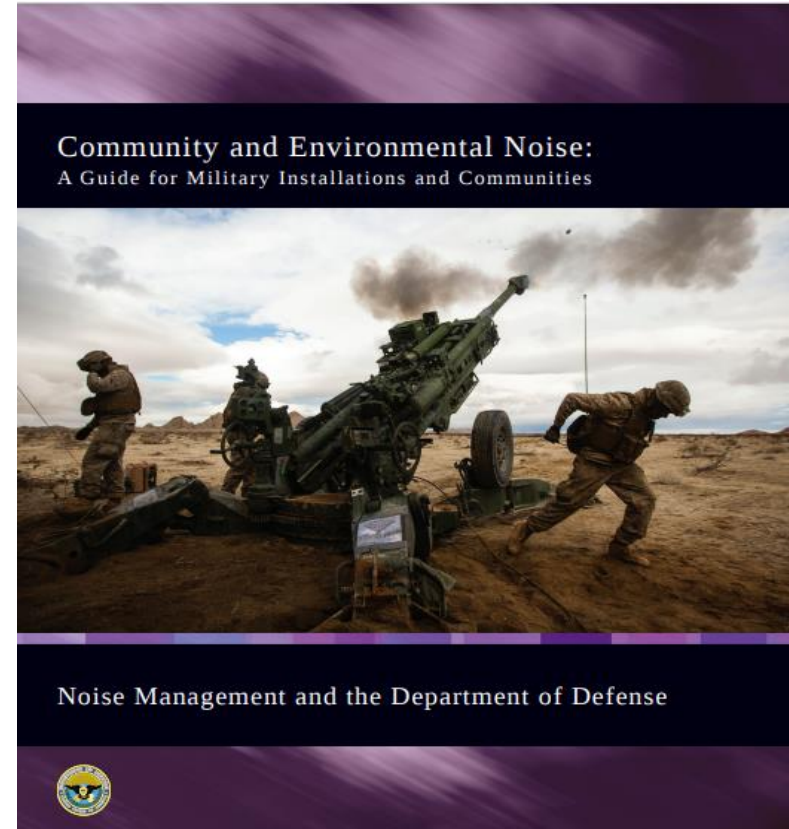
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DoD Operational Noise Program

- The DoD Operational Noise Program and the Defense Noise Working Group (DNWG) are the mechanisms for implementing DoD's noise policy consistent with maintaining military readiness and preserving critical testing and training requirements.





NOISE SNAPSHOT

Enhancing Compatible Land Use through the DOD Noise Program

Five Things to Know About Compatible Land Use and the DOD Noise Program

- 1** **Noise is the #1 challenge year after year.** Noise generates community complaints and congressional actions which can lead to efforts to restrict military operations. As such, mitigating noise proximate to installations is by far the most cited justification for installations and communities use to pursue compatible land use (e.g., preserving farmland) funding through programs such as the REPI Program. Noise is often the most prominent discussion point and decision-making factor in land use planning surrounding military installations.

- 2** **Several DOD programs encourage compatible land use recommendations with funding for implementation,** including the REPI Program, Navy Range Air Installations Compatible Use Zones (RAICUZ), Marine Corps Range and Compatible Use Zones (RCUZ), Army Installation Compatible Use Zones (ICUZ), and the Air Installation Compatible Use Zones (AICUZ) Programs.

- 3** **Compatible use studies can show jurisdictions where to focus their limited funds for maximum benefit.** These studies produce maps that depict noise exposure levels (usually in DNL) that align with a common set of land use compatibility guidelines adopted by federal, state, and local governments. The studies recommend land uses for surrounding areas based on current and future military activities.

- 4** **Compatible use recommendations are about maximizing successful land development.** Noise management efforts help installation personnel provide information, recommendations, and assistance as communities develop and implement land use controls, such as zoning, special permits and projects, subdivision regulations, capital improvement programs, building codes, noise disclosure, establishment of easements, and public land acquisition.

- 5** **Compatible land use is more than noise; it includes safety and other impediments to successful land use.** AICUZ studies establish accident potential zones (APZ) and inform neighboring communities of risks to safety or other potential impacts of military operations.



AICUZ Revitalization Effort (AICUZ 2.0)

- Initiated early 2022
- Goals:
 - **Protect** the mission at every installation where we fly
 - **Ensure** internal and external stakeholders have thorough understanding of AICUZ, noise contours, accident potential, land use planning recommendations
 - Use technology and visualization to support education and engagement
 - Dedicate resources
 - **Encourage** communities to adopt AICUZ study findings and recommendations



U.S. Department of Defense

DOD CLIMATE RESILIENCE WORKSHOP 2023

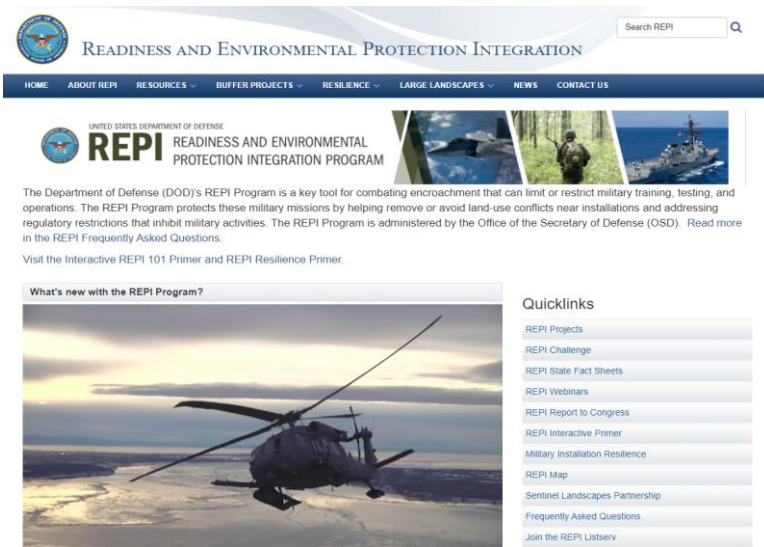
JULY 10-13, 2023 | ST. LOUIS, MISSOURI



www.dodclimateworkshop.org



Getting Involved



REPI Program: www.REPI.mil

REPI Map: www.REPIMap.org

Sentinel Landscapes: www.SentinelLandscapes.org

Contact the REPI Office at osd.repi@mail.mil

Join the REPI Program
Listserv



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