



## DOD'S REPI PROGRAM FY 2024 INVESTMENTS IN THE PACIFIC REGION

The Department of Defense (DOD)'s Readiness and Environmental Protection Integration (REPI) Program facilitates long-term, collaborative partnerships that improve installation and community resilience. These partnerships work to safeguard natural and working lands through compatible and sustainable land uses while preserving habitats that provide critical ecosystem services. With projects spanning the Pacific region from the Mariana Islands to Alaska, REPI Program partnerships are critical to DOD's role as a steadfast steward of natural and cultural resources and fostering trusting relationships with local partners.

As the Pacific region grows in strategic significance for national defense, REPI projects become increasingly essential to ensure greater conservation and protection of cultural and natural resources for communities neighboring DOD facilities. In Fiscal Year (FY) 2024, the REPI Program has committed over **\$33 million dollars** in funding to support the Annual REPI Program and REPI Challenge Projects across Hawai'i, Guam, the Commonwealth of the Northern Mariana Islands (CNMI), and Alaska. These important projects leverage significant partner contributions and investments from other Federal agency conservation programs.

### FY 2024 ANNUAL REPI PROGRAM PROJECTS\*

Through the REPI Program, the Military Services can enter into cost-sharing agreements with other Federal agencies, state and local governments, and private conservation organizations. Annual REPI projects are developed by military installation staff in partnership with a non-governmental organization (NGO) or state or local government partner and are then submitted through the appropriate Military Service to the REPI office by local installation staff on an annual basis.

**HAWAI'I \$15.8M**

**MARIANAS REGION \$1.5M**

**ALASKA \$6.6M**

**TOTAL: \$23.9M**

### FY 2024 REPI CHALLENGE PROJECTS\*

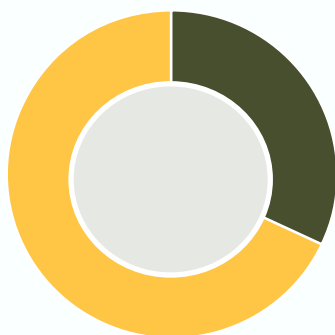
The REPI Program designed the REPI Challenge to help meet its ambitious conservation goals while aiming to cultivate new projects, harness creativity, and preserve military capabilities. REPI Challenge projects are introduced by partners, who work in collaboration with military natural resource management staff to develop large-scale conservation projects and submitted directly to the REPI office.

**HAWAI'I \$7.9M**

**MARIANAS REGION \$1.3M**

**ALASKA \$156K**

**TOTAL: \$9.4M**



■ **REPI Funds:**  
\$9.4M

■ **Partner Contributions:**  
\$20.0M

**Total: \$29.4M**



\*All funding amounts represent obligations, not actual expenditures.

More information on the REPI Challenge is available [here](#).



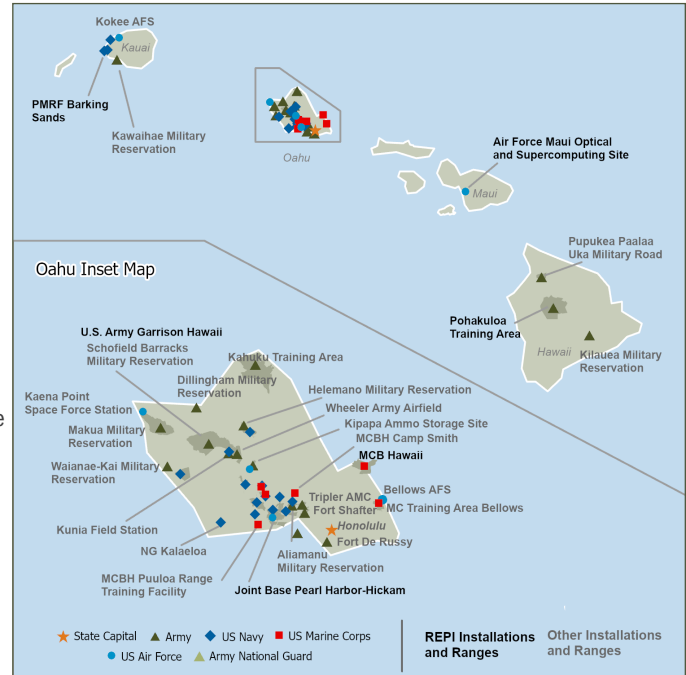
## FY 2024 ANNUAL REPI PROGRAM PROJECTS IN HAWAII

Hawaii is home to the Pacific component commands for the U.S. Army, Navy, Air Force, Marine Corps, and Space Force. With the largest number of listed species in the U.S., Hawaii's biodiversity is significant; however, its geographic location exposes it to extreme weather threats. The REPI Program works with environmental and cultural stewards across the islands to support conservation and resilience efforts.

### KEY REPI PROGRAM PARTNERS\*\*

- Bishop Museum
- Department of Hawaiian Home Lands
- Hawaii Agribusiness Development Corporation
- Hawaii Association of Watershed Partnerships/University of Hawaii
- Hawaii Conservation Alliance
- Hawaii Department of Land and Natural Resources
- Hawaii Invasive Species Committees
- Hawaii Land Trust
- Kako'o 'Ōiwi
- Kekaha Agricultural Association
- Kua'āina Ulu 'Auamo
- MA'O Organic Farms
- Maui County
- National Fish and Wildlife Foundation
- North Shore Community Land Trust
- Office of Hawaiian Affairs
- Parker Ranch
- Trust for Public Land

\*\*This list includes but is not limited to, the partners listed in the preceding section.



| 2024 ANNUAL REPI PROGRAM PROJECTS IN HAWAII   | FUNDING |
|---|---------|
| <b>Marine Corps Base Hawaii (MCBH) - James Campbell National Wildlife Refuge (JCNWR) Project (O'ahu):</b> Construction of a predator exclusion fence to protect 640 acres of coastal dunes, shrublands, and wetlands at the JCNWR, controlling invasive plants and animals to provide native habitat for mōli (Laysan albatross) and ka'upu (black-footed albatross); reducing flood risk via dune and vegetation protection.   | \$1.5M  |
| <b>MCBH - Kāko'o 'Ōiwi Project (O'ahu):</b> This project involves the restoration of lo'i kalo (irrigated taro terraces), wetlands, lowland forests, and traditional Hawaiian fishponds in partnership with Kāko'o 'Ōiwi. Outcomes: Enhances water quality and habitats, increases traditional food production/security, community engagement/education, and mitigates terrestrial runoff on coral ecosystems of Kāne'ohe Bay.  | \$2.0M  |
| <b>Joint Base Pearl Harbor-Hickam Wahiawā Annex Compatible Buffer Project (O'ahu):</b> Ongoing land use project employs conservation easements to preserve 234 acres of state agricultural lands in partnership with the Trust for Public Land. Outcomes: Compatible land use, local food security, and economic development through crop diversity.  | \$800K  |
| <b>Pacific Missile Range Facility Barking Sands (PMRF) - Forest/Watershed Protection Project Above Mānā Plain (Kaua'i):</b> Ongoing project with DLNR DOFAW to support priority invasive plant species control to protect native forests; forest health and reforestation to reduce wildfire risk, soil erosion, and increase aquifer recharge; endangered seabird monitoring; and community wildland fire response, as well as capacity support.   | \$3.7M  |
| <b>PMRF - Flood Management and Habitat Protection Project (Kaua'i):</b> Ongoing partnership with the Kekaha Agriculture Association aiming to restore open floodable areas on the Mānā Plain as protected seabird habitat for endangered Hawaiian birds, while also mitigating flooding and improving water quality. FY 2024 funding provides ungulate-proof fencing, the removal of invasive vegetation, and predator control.   | \$1.1M  |
| <b>U.S. Army Garrison Hawaii (USAG-HI) - Ecosystem Restoration and Rare Plant &amp; Animal Preservation (O'ahu):</b> Ongoing project with DLNR focuses on rare species management, rearing and reintroducing species into protected native habitats, implementing fire suppression, and invasive species control. These efforts improve native habitats and support the enhancement of connected aquifer systems. FY 2024 funding includes habitat enhancements for the O'ahu 'elepaio and 'ōpe'ape'a (Hawaiian hoary bat). | \$1.9M  |
| <b>USAG-HI Pōhakuloa Training Area - Nāpu'u Wildland Fire Management (Hawaii Island):</b> Ongoing project with DLNR that involves the implementation of nature-based solutions and green infrastructure for fuel load management and capacity support.  | \$1.1M  |
| <b>USAG-HI Pōhakuloa Training Area - Nāpu'u and Mauna Kea Invasive Species Management (Hawaii Island):</b> Ongoing project with DLNR that includes invasive species fencing in the Pu'u'anahulu Game Management Area, species susceptibility studies to protect native species with critical ecosystem services such as naio trees, and expansion of predator control to protect palila (Hawaiian honeycreeper) critical habitat.   | \$700K  |
| <b>USAG-HI Pōhakuloa Training Area - Mauna Kea and Mauna Loa Wildfire Prevention and Habitat Preservation (Hawaii Island):</b> Ongoing project with DLNR aims to bolster resilience to extreme weather events through wildfire prevention activities, including out-planting of native fire-resistant vegetation and habitat improvements for palila and 'akē'akē (band-rumped storm-petrel).   | \$1.7M  |
| <b>Statewide Application - Capacity:</b> Acknowledging the growing investment in installation and community resilience projects across Hawaii, DOD has invested in local capacity that's needed to implement this critical project portfolio addressing wildland fire, flooding, watershed enhancement, invasive species control, and the restoration of native forests for mauka to makai management.  | \$1.3M  |

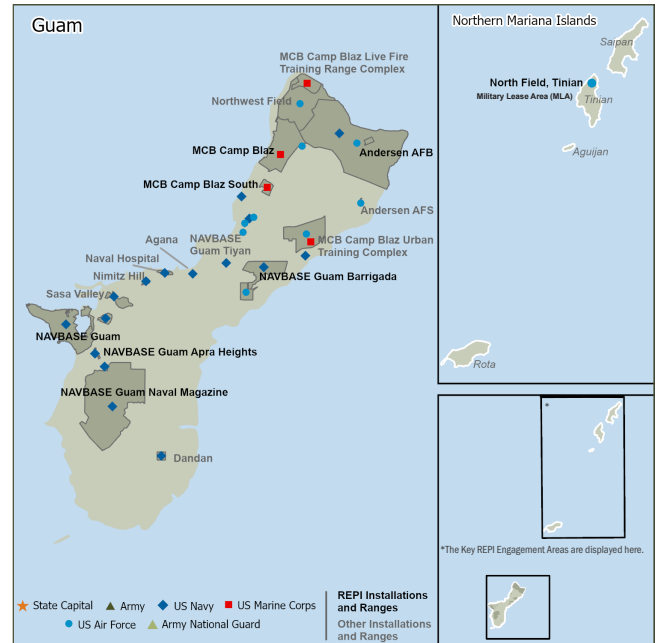


## FY 2024 ANNUAL REPI PROGRAM PROJECTS IN THE MARIANAS REGION

The Mariana Archipelago, comprised of Guam and the CNMI, is home to several DOD installations and annexes whose missions align closely with National Defense Strategy priorities. Facilities within the Marianas include Naval Base Guam, Andersen Air Force Base, Marine Corps Base Camp Blaz, and the Military Lease Area on Tinian. These critical missions face pressure from continued development, impacts of extreme weather events, decline of threatened, endangered and at-risk species, and degradation of important habitats. The REPI Program is working alongside the Government of the CNMI, the Government of Guam, Federal agencies, and NGOs to implement the conservation and restoration of native ecosystems and the preservation of cultural resources. In turn, these efforts will reduce or alleviate potential constraints and ultimately build community resilience.



Limestone forests along northern coast of Guam.



Tachogna Nature Trail Entrance, Tinian.

### KEY REPI PROGRAM PARTNERS

- CNMI Department of Fire and Emergency Medical Services
- CNMI Department of Fish and Wildlife
- CNMI Department of Lands and Natural Resources
- University of Guam Center for Island Sustainability
- Guam Department of Agriculture
- Guam Preservation Trust
- National Fish and Wildlife Foundation
- Northern Guam Soil and Water Conservation District
- Research Corporation of the University of Guam
- Southern Guam Soil and Water Conservation District
- Tinian Mayor's Office
- University of Guam Marine Laboratory
- University of Guam Western Pacific Tropical Research Center
- U.S. Fish and Wildlife Service
- White Buffalo, Inc.

### 2024 ANNUAL REPI PROGRAM PROJECTS IN THE MARIANAS REGION

**Marianas Region-Wide Navy Project - Hinemlu Forest Restoration Project (Tinian):** In partnership with the Tinian Mayor's Office and the Commonwealth of the Northern Mariana Islands government agencies, this project aims to maximize benefits to listed species and their habitats through 1) improving nursery operations to provide native limestone forest plants and other enhancements; 2) enhancing the trail and surrounding limestone forest by removing invasive species and outplanting native species; 3) implementing collaborative outreach and education about the project locally; and 4) enhancing wildfire prevention and protection within the Hinemlu forest and trail.

### FUNDING

\$1.5M





## FY 2024 ANNUAL REPI PROGRAM PROJECTS IN ALASKA

Alaska, the largest state, covers approximately 663,300 square miles and accounts for 18 percent of the total area of the United States. Spanning from the Pacific Ocean to the Arctic Ocean, Alaska's diverse landscape includes a wide range of climates, from temperate rainforests to arctic tundra, and hosts various threatened and endangered species facing dramatic impacts from severe weather events

Alaska is also home to several DOD installations that support key National Defense Strategy priorities through the 2024 Arctic Defense Strategy, including the largest combined range complex in the world. DOD missions in Alaska face increased development pressures and must also adapt to rapidly changing environmental conditions, such as permafrost thaw and resulting habitat transitions. These changes not only require missions to adapt, but also impact culturally and economically significant species.

In response to these challenges, the REPI Program is collaborating with the Alaska Department of Natural Resources, local government agencies, federal agencies, Alaska Native corporations, and NGOs. Together they are working to implement wildfire resilience, restore and maintain species habitat, and promote compatible land development, while also supporting the sustainable use of Alaska's diverse resources and the continuation of the Alaskan way of life.



Chena River, Alaska.



Alaska Black Spruce post-fire, Tanana Flats, Alaska.

## 2024 ANNUAL REPI PROGRAM PROJECTS IN ALASKA

**Eielson Air Force Base Compatible Use Project:** In partnership with Compatible Lands Foundation (CLF), this project seeks compatible development and use within parcels adjacent to the installation or within the Accident Potential Zones affiliated with Eielson operations by addressing building height and lighting compatible with the Air Force mission.

## FUNDING

\$1.0M

**U.S. Army Garrison Alaska Compatible Use Project:** In partnership with CLF, this project seeks to address compatible development and use proximate to aviation and training area assets through mutually beneficial acquisition or easement opportunities.

\$3.5M

**Joint Base Elmendorf-Richardson Compatible Use Project:** As a continued partnership with CLF and Eklutna Inc., an Alaska Native corporation, this project seeks mutually beneficial solutions, such as easements or purchase to preserve a noise-buffer around airfield operations, to preserve Army and Air Force mission for multiple training areas, key firing points, a small arms range, and military restricted airspace.

\$2.1M