



LEGACY RESOURCE MANAGEMENT PROGRAM FY 2012 PROJECTS

The Department of Defense's Legacy Resource Management Program funds projects that help protect and enhance natural and cultural resources in ways that enable military readiness. Following is a list of projects that Legacy has fully or partially funded for Fiscal Year 2012.

Army:

Natural Resources

12-606 GIS-Based Stream Bank Mapping to Identify Areas of Erosion Potential on Rivers/Streams within Military Installations

Cultural Resources

- 12-504 Development of Cultural Resources Training for the Non-Cultural Resources Professional
- 12-506 Contextual Study of the Turpentine (Naval Stores) Industry in the Georgia, South Carolina, and Florida Coastal Plain
- 12-514 Cultural Resources Management from the Perspective of the Military as a Stakeholder



Air Force:

Natural Resources

- 12-109 Evaluation of Mechanical Mid-Story Removal as a Tool to Restore Endangered Species Habitat
- 12-425 Habitat Use at Multiple Scales by Pinyon-Juniper Birds
- 12-620 Release and Establishment of Phorid Flies (*Pseudacteon spp.*) Against Red Imported Fire Ants (*Solenopsis invicta*) on Department of Defense Installations
- 12-627 Coordinated Sonoran Desert Breeding Bird Monitoring
- 12-631 Status and Distribution Modeling of Golden Eagles on Southwestern Military Installations on Overflight Areas: Assessing "Take" for this Sensitive Species at-Risk
- 12-633 Toolkit for Planning and Managing Prescribed and Wildland Fire Smoke on Military Installations

Cultural Resources

12-516 Awareness of Classified Data Use in Historic Documents

Marine Corps:

Natural Resources

12-143 Develop and Utilize a Landscape Scale GIS Model that Identifies the Location of Potential Subterranean Bat Habitat on the Marine Corps Air Station Yuma, Luke Air Force Base, and Yuma Proving Ground: Identification and Status of Sensitive Bat Habitat Resources

Navy:

Natural Resources

- 12-306 Coral Ecosystem and Marine Resource Initiative (T/E & Sensitive Species)
- 12-426 DoD Amphibian Disease Survey: Natural Resource Manager Training and Data Collection
- 12-614 Terms of Endangerment: Use of Modern Genetic Techniques to Measure the Status of Protected Species
- 12-626 Small Unmanned Aerial Systems for Wildlife Monitoring and Habitat Assessment
- 12-629 Feasibility Study for Delisting Species Under the ESA and Managing Them as Conservation Reliant Species
- 12-635 Recovery Tool for Black Abalone Recruitment on the California Channel Islands and Coastal Habitat



Defense Logistics Agency:

Natural Resources

12-608 Demonstration of a Non-Destructive Technique to Sample DNA from Butterflies

DoD:

Natural Resources

12-086 National Public Lands Day

12-101 Seed Banking Federally Listed Mainland Plant Species on DoD Lands

12-102 Great Basin Bird Species-at-Risk and Invasive Species Management Partnership

12-110 Using Acoustic Surveys to Monitor Population Trends in Bats

12-142 Bat Roost Habitat Assessment and Conservation Planning

12-1717 DoD Partners in Flight Program Management and Technical Support

12-246 Implementation of the DoD Coordinated Bird Monitoring Plan

12-337 Understanding Declines in Rusty Blackbirds

12-343 Meta-Population Dynamics of Le Conte's Thrasher (*Toxostoma lecontei*): A Species at-Risk on Three Southwestern Military Installations

12-374 Tracer Ignition Minimization Tool – Additional Fuels

12-423 DoD PARC Strategic Plan Implementation, Management, and Technical Support

12-444 Wildlife Trade and the U.S. Military Abroad: Raising Awareness and Reducing Demand

12-602 Bird Population Estimates for Priority Species on Military Installations

12-604 Identifying Migratory Routes and Wintering Grounds of Burrowing Owls that Breed on DoD Installations throughout the Western U.S.

12-610 Assessing the Importance of Wetlands on DoD Installations for the Persistence of Wetland-dependent Birds in North America

12-612 Monitoring Species of Concern Using Noninvasive Genetic Sampling and Capture-Recapture Methods: Pilot Demonstration with Coyote, a Predator to SAR and Game Species on DoD Lands

12-616 Monitoring Amphibian and Reptile Populations Using Environmental DNA

12-618 Cooperative Ecosystem Studies Unit: Great Basin and Pacific Northwest

12-622 DoD Early Detection Rapid Response Invasive Species Strike Teams – A Pilot Demonstration

12-624 Accessible Recreational Opportunities Workshop

12-951 Natural Resources Strategic Planning and Metrics Initiative – Phase II

Cultural Resources

12-218 DoD Cultural Resources Program Workshop

12-502 Effective Adaptive Reuse: Historic Military Structures

12-508 Regional Analysis of Historic Farmstead Archeological Site Characteristics on DoD Installations

12-510 Guidance on the Use of Historic Human Remains Detection Dogs for Locating Unmarked Cemeteries

12-512 Using Archaeobotany to Construct a Historic Context for the Hueco and Tularosa Basins

12-518 Vietnam and the Home Front: How DoD Installations Changed, 1962-1975

12-520 Two for the Price of One: Integration of NEPA and NHPA Procedures

12-522 Guidebook for Consideration of Archaeological/Historical and Cultural Resources in Military Operations

12-524 Promoting Collaboration Among Tribes and DoD Cultural Resource Managers

12-526 Regional-Scale Cultural Property Protection (CPP) Planning for Full Spectrum Operations in Foreign Countries

For More Information about the Legacy Resource Management Program or our Projects:

Visit www.DoDLegacy.org or email Legacy Staff at DoDLegacy@bah.com.