

Pacific Region TER-S Projects

The Department of Defense (DoD) Legacy Resource Management Program (Legacy), Strategic Environmental Research and Development Program (SERDP), and Environmental Security Technology Certification Program (ESTCP) funded the DoD Pacific Islands Region Threatened, Endangered, and At-Risk Species (TER-S) Workshop in June of 2006. This workshop highlighted priority TER-S research, demonstration, and management requirements on and adjacent to DoD lands. The following projects were funded as a direct result of the 2006 workshop. These projects support both TER-S conservation and mission readiness.

Legacy Resource Management Program

The Legacy Program (www.dodlegacy.org) seeks to protect and enhance resources on DoD lands while supporting military readiness, by funding projects that protect our nation's natural and cultural heritage.

- 07-362** Removal of Invasive Fire-prone Grass to Increase Training Lands in the Pacific (Marine Corps Base Hawaii, Bellows Training Area, HI)
 - 07-374** Range Ignition Probability (RIP) Analysis Tool (Schofield Barracks and Pohakuloa Training Area, HI)
 - 07-339** Predator-proof Fencing for Invasive Species Control in Hawaii: A Comprehensive Prioritization and Implementation Plan to Protect Native Species (HI)
 - 07-364** Intensive Plant Conservation Training (Pacific Region)
 - 07-383** Hawaii Cooperative Conservation Project (HI)
 - 08-362** Invasive Fire Prone Grasses Removal to Increase Training Lands in the Pacific, continued (Marine Corps Base Hawaii, Bellows Training Area, HI)
 - 09-374** Full-Scale Range Ignition Probability Tool, continued (Schofield Barracks and Pohakuloa Training Area, HI)
- Total Legacy Funding: \$559,324**

Strategic Environmental Research and Development Program

SERDP (www.serdp.org) funds basic and applied R&D projects focused on the environmental challenges faced by DoD.

- SI-1644** Understanding the Role of Typhoons, Fire, and Climate on the Vegetation Dynamics of Tropical Dry Forests (Pacific Region)
 - SI-1645** The Potential for Restoration to Break the Grass/Fire Cycle in Dryland Ecosystems in Hawaii (HI)
 - SI-1646** Development and Use of Genetic Methods for Assessing Aquatic Environmental Condition and Recruitment Dynamics of Native Stream Fishes on Pacific Islands (Pacific Region)
 - SI-1731** Purifying and Testing Gecko Skin Compounds, a Promising Attractant for Small Brown Tree Snakes (Guam)
 - SI-1732** Development of Non-Prey Baits for Delivery of Acetaminophen to Brown Tree Snakes (*Boiga irregularis*) on Guam (Guam)
 - SI-1733** A Phylogenetic Strategy for Identifying a Biological Control Agent for Non-Native Populations of the Brown Tree Snake (*Boiga irregularis*) (Guam)
- Total SERDP Funding: \$4,600,000**



Brown tree snake. Photo:USFWS

Environmental Security Technology Certification Program

ESTCP (www.estcp.org) identifies, demonstrates, and transfers technologies and methodologies that address DoD's highest priority environmental requirements.

- SI-0925** Aerial Application of Acetaminophen-Treated Baits for Control of Brown Tree Snakes (Guam)
- Total ESTCP Funding: \$1,600,000**

Contact Information: L. Peter Boice, Deputy Director, Natural Resources, Department of Defense, peter.boice@osd.mil
John A. Hall, Program Manager, Sustainable Infrastructure, SERDP/ESTCP, john.hall@osd.mil



Defending Our Nation's Resources
Department of Defense Natural Resources Conservation Program