



US Army Corps
of Engineers

Wildlife Habitat Restoration and Management

Description of Technology

The U.S. Army Engineer Research and Development Center-Environmental Laboratory provides expertise on a variety of wildlife habitat restoration and management practices for Civil Works projects and DOD installations. Studies on habitat requirements, census and sampling techniques, and restoration and management have been conducted for numerous species throughout the United States. Current emphasis is on providing strategies for ecosystem-based habitat management that apply to a diversity of species occurring on Corps projects and military installations. A recent Ecosystem Restoration and Management Research Program (EMMRP) work unit provided information on techniques that improve natural resources for a variety of game and nongame species and their habitats. Selected studies and projects are listed below.

Examples of Technology Applications and Products

- ◆ “U.S. Army Corps of Engineers Wildlife Resources Management Manual” (70 technical reports published on species natural history and habitat requirements, management practices and techniques, census and sampling techniques, plant materials, and equipment)
- ◆ Wildlife Inventory Procedures for Project Lands of the U.S. Army Engineer District, Vicksburg
- ◆ EMRRP restoration and management reports and technical notes on riparian zones, shelterbelt and corridor management, snag management, and moist-soil units
- ◆ District and installation assistance on restoring and managing land and water areas for both game and nongame species (including waterfowl, migratory birds, bats, and reptiles and amphibians)
- ◆ Avian inventory, monitoring, and management plan for Little Rock Air Force Base, Arkansas
- ◆ Study on ecological importance of “Waters of the United States” and associated wetlands to wildlife at U.S. Army White Sands Missile Range, New Mexico
- ◆ U.S. Army Conservation Assistance Program (CAP) support for managing bats and their habitats on DOD lands



Point of Contact:

Mr. Chester O. Martin

U.S. Engineer Research and Development Center
Environmental Lab
3909 Halls Ferry Road
Vicksburg, MS 39180-6199
COMM (601)-634-3958/800-522-6937, ext 3958.

E-mail: chester.o.martin@erdc.usace.army.mil

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