



**Fisheries
& Habitat
Conservation**

U.S. Fish & Wildlife Service

Fisheries and Habitat Conservation

Celebrating Wetlands in 2006!

Fisheries and Habitat Conservation uses multiple approaches to cooperatively conserve wetlands and other aquatic habitats, including streams, lakes, rivers, and watersheds.

WETLANDS WORK FOR US!

Wetlands Protect People

From Storms – For every 2.7 miles of wetland a hurricane crosses, its storm surge is reduced by 1 foot.

From Floods – A single acre of wetland can absorb 1-1.5 million gallons of floodwater.

From Pollution – Streamside wetlands can remove 80% of phosphorus and 90% of nitrogen from adjacent waters.

Wetlands Protect the Economy

Seafood / Fishing – 71% of the \$111 billion annual US fishing industry is based on wetland-dependent species.

Storm Damage – Protection of Louisiana Gulf Coast infrastructure by wetlands was worth \$2.2 billion per year (pre-Katrina).

Water Treatment – Duplicating one South Carolina swamp's free water treatment would require building a \$5 million plant.

Recreation – Hunting, fishing, wildlife viewing is worth \$60 billion per year.

Wetlands Protect Fish and Wildlife

Listed Species – 46% of threatened and endangered species require wetlands.

- 80% of listed bird species require wetlands.

Birds – 50% of America's birds are associated with wetlands.

Fish – 70% of saltwater fish require coastal wetlands.

Wetlands Are Threatened

In Louisiana – One acre is lost every 35 minutes. An area bigger than Delaware was lost over the last 70 years.

Contact us!

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<http://www.fws.gov/fisheries/Programs.htm>

WE WORK FOR WETLANDS!

Aquatic Nuisance Species Program — Conserves wetlands and all aquatic habitats through partnerships that control or prevent introduction of invasive aquatic species.

Coastal Barrier Resources Act — Conserves aquatic habitat on hurricane-prone coastal barrier islands by prohibiting Federal expenditures that might otherwise encourage people to build in harm's way.

Coastal Program — Partners with communities to improve the health of coastal wetlands through restoration, protection, and technical assistance.

Environmental Contaminants Program — Works with partners to provide healthy fish, wildlife and habitats through investigation, prevention, and restoration of contaminant problems.

Fish and Wildlife Management Assistance — Provides fish and wildlife habitat management expertise to States, Tribes and others for restoration and management of wetlands, watersheds, and fish and wildlife resources.

Marine Mammal Protection Act — Conserves and manages sea otters, polar bears, walrus, and manatees by monitoring trends in population and health and fostering cooperative relationships.

National Coastal Wetlands Conservation Grant Program — Provides grants to states for coastal wetlands conservation.

National Fish Hatchery System — As the national leader in propagation and rearing techniques, genetic and broodstock management, refugia, nutrition, fish health, and research, works with partners through its 70 hatcheries (1 historic), 7 technology centers, 9 health centers, and the Aquatic Animal Drug Approval Program partnership to recover and restore aquatic species.

National Wetlands Inventory — Develops and distributes digital wetlands maps and reports for the benefit of fish, wildlife, and people.

Partners for Fish and Wildlife Program — Restores and improves wetlands and other habitats on private, tribal, and local government lands via voluntary, incentive-based partnerships.

Project Planning — Helps public and private entities conserve fish, wildlife and habitats during planning and development of projects such as energy, transportation, restoration, and water-supply.

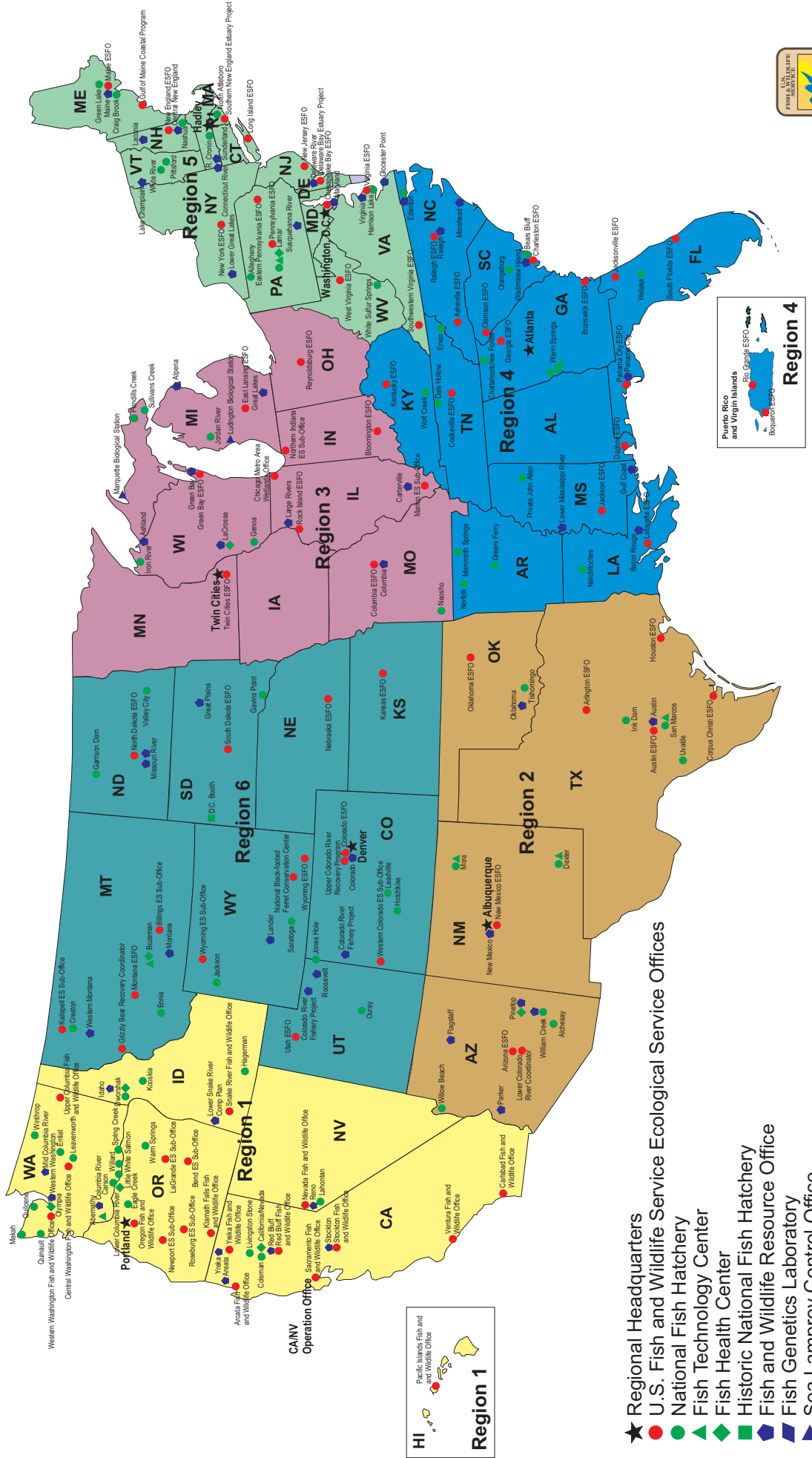
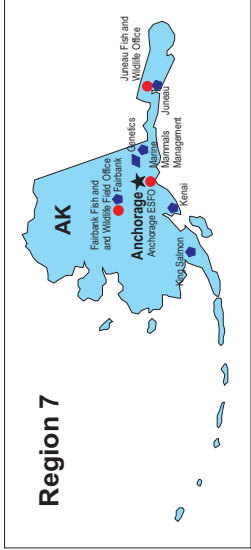
Sikes Act Program — Works with Department of Defense and state agencies to develop integrated natural resource management plans that maximize conservation of 30 million acres of habitat, including wetlands, on military lands.

Initiatives:

- National Fish Habitat Initiative
- NWI Status and Trends Report
- Strategic Planning by all Programs



U.S. Fish and Wildlife Service Ecological Services Offices, National Fish Hatchery System Facilities and Fish and Wildlife Management Assistance Stations



- ★ Regional Headquarters
- U.S. Fish and Wildlife Service Ecological Service Offices
- National Fish Hatchery
- ▲ Fish Technology Center
- ◆ Fish Health Center
- Historic National Fish Hatchery
- Fish and Wildlife Resource Office
- Fish Genetics Laboratory
- ▲ Sea Lamprey Control Office

