



Fisheries: Aquatic and Endangered Resources Program

The **Fisheries: Aquatic and Endangered Resources Program (FAER)** focuses on the study of aquatic organisms and aquatic habitats. Aquatic invertebrates, mollusks, fishes and their unique aquatic communities are investigated to provide scientific information to natural resource managers and decision makers. Endangered species and those that are imperiled receive special research interest. Research on species diversity, life history, health and diseases, aquatic community ecology, and habitat requirements of fish and other aquatic organisms supports the management, conservation, and restoration of our Nation's aquatic resources.



Goals of the Fisheries: Aquatic and Endangered Resources Program

GOAL 1: DIVERSITY, LIFE HISTORY, SPECIES INTERACTIONS OF AQUATIC ORGANISMS -

Provide scientific information about the *diversity, life history and species interactions* that affect the condition and dynamics of aquatic communities.

GOAL 2: RESTORATION SCIENCE OF AQUATIC SPECIES AND AQUATIC HABITATS -

Develop research and technology tools to provide the scientific basis for, and to evaluate the scientific effectiveness of adaptive management strategies for *restoration* efforts to sustain declining aquatic species and aquatic habitats.

GOAL 3: AQUATIC ORGANISM HEALTH - Provide scientific information about factors that affect *aquatic organism health* in support of survival, protection, conservation and recovery.

GOAL 4: AQUATIC SPECIES AND HABITAT INTERACTIONS - Quantify and describe functional relationships among *aquatic species and habitats* to provide information to conserve or restore aquatic community function.

GOAL 5: AQUATIC SPECIES AT-RISK - Provide science support for imperiled species to natural resource managers by investigating factors that contribute to the conservation and recovery of *aquatic species at-risk*.

GOAL 6: RESEARCH SUPPORT AND TECHNICAL ASSISTANCE - Enhance research capabilities to provide *research support and technical assistance* to DOI bureaus, other Federal and state government agencies, Tribes, and non-governmental organizations for application in natural resource management problem solving and decision making.

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