

Biological Science

**Fish, Benthic Invertebrate, and Algal
Community Surveys
Mussel Surveys and Fish Host Determinations**

Contaminant Pathways in Aquatic Biota

Microbial Source Tracking

Reservoir Plankton Dynamics

River Mapping and Stream Habitat Assessment

Biotic Response to Nutrients in Streams

Environmental Flows Assessment

Use Attainability Analysis (UAA)

Geographic Information System (GIS) Applications

Biological Database Design and Development

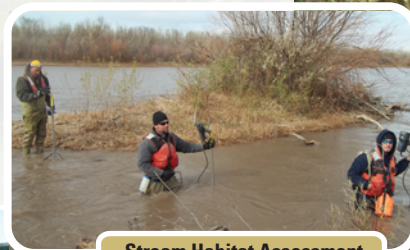
Invasive Species Monitoring



Invertebrate sampling



Fish tissue sampling



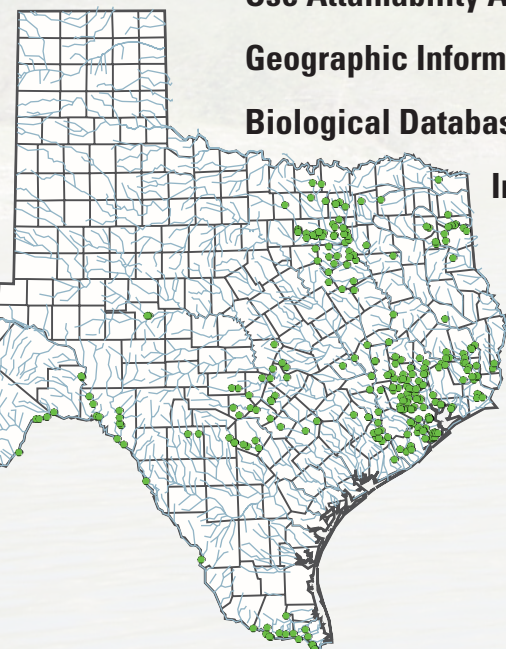
Stream Habitat Assessment



Collecting zooplankton



Mussel survey



**USGS Texas Water Science Center
Biological Study Sites**



Boat electrofishing

MISSION: To provide reliable, impartial, timely information that is needed to understand the Nation's water resources.

The Water Resources Discipline actively promotes the use of this information by decision makers to

- Minimize the loss of life and property as a result of water-related natural hazards, such as floods, droughts, and land movement
- Effectively manage groundwater and surface-water resources for domestic, agriculture, commercial, industrial, recreational, and ecological uses
- Protect and enhance water resources for human health, aquatic health, and environmental quality
- Contribute to wise physical and economic development of the Nation's resources for the benefit of present and future generations

The U.S. Geological Survey (USGS) Texas Water Science Center works in cooperation with approximately 100 municipalities, river authorities, groundwater districts, and State and Federal agencies in Texas to provide reliable, impartial scientific information to resource managers, planners, and other customers. This information is gathered by the USGS Texas Water Science Center to minimize the loss of life and property from natural disasters, to contribute to the conservation and sound economic and physical development of the Nation's natural resources, and to enhance the quality of life by monitoring water, biological, energy, and mineral resources.

If you have any questions or concerns with which we can assist you, contact us or visit our Web site at <<http://tx.usgs.gov>> or the national Web site at <<http://www.usgs.gov>>. We look forward to serving you in the near future.

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Texas Water Science Center Locations

