



**US Army Corps  
of Engineers®**

Engineer Research and  
Development Center

# Water Operations Technical Support (WOTS) Program

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## Description

The **WOTS** Program provides for the effective transfer of environmental and water quality management technologies to address a wide range of integrated watershed management issues at Corps reservoir and waterway projects, and in the river systems nationwide. **WOTS** activities are accomplished through three major functional areas: direct technical assistance, technology transfer, and technology application.



## Capabilities

Direct technical assistance involves one-to-one interaction between ERDC technical personnel and field personnel. To initiate a request for direct technical assistance, the project office sends an e-mail message to the **WOTS** Program Manager. The request must contain the name of the project, a brief statement of the nature of the problem, a description of the type of assistance required, and a project point of contact, telephone number, and e-mail address. Direct technical assistance is provided at no cost to the user and is limited to 5 man-days, including travel.

Technology transfer is designed to ensure the effective use of technologies through the appropriate transfer of information and techniques using a variety of media. The effective use of technologies is assured through specialty workshops, publications, meetings, seminars, briefings, and the Internet.

Technology application provides short-term field demonstration efforts for the verification of tools developed via R&D efforts and the application of management strategies, techniques, and approaches to specific problems.

## Supporting Technology

The **WOTS** Program was initiated as a comprehensive technology transfer plan for environmental and water quality capabilities developed under several ERDC research programs. The program provides technology and assistance to the field to address numerous topic areas including: TMDLs, threatened and endangered species, dam decommissioning, reservoir re-regulation for ecological sustainability, abandoned mine lands, ecosystem restoration, problems caused by aquatic invasive species, tailwater fisheries concerns at pump-back hydropower projects; water quality impacts of landuse, sediment and nutrient loadings, erosion, and reservoir sedimentation; and project operations related to environmental and water quality issues.

## Benefits

**WOTS** ensures the broad dissemination and implementation of technology and information, while maximizing cost effectiveness.

## Point of Contact

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