



United States Department of Agriculture
Natural Resources Conservation Service

National Water Management Center

Website: <http://wmc.ar.nrcs.usda.gov/>
Keith Admire, Director

MISSION

The Mission of the National Water Management Center (NWMC) is to provide leadership, information and technology on water related issues to help people help the land.

FUNCTIONS

- ◆ direct technical assistance
- ◆ technology transfer & delivery
- ◆ consultation and training
- ◆ water resources planning
- ◆ watershed plan development
- ◆ watershed plan review
- ◆ watershed assessments
- ◆ water policy implementation
- ◆ partnering and joint ventures
- ◆ linkage to other specialists

WHAT WE PROVIDE

The NWMC is staffed with a variety of water resource specialists from multiple agencies. Interdisciplinary teams are formed to meet the specific water resource assistance request received from states.

ENVIRONMENTAL COMPLIANCE

For watershed scale projects, provide planning, guidance, consultation, peer review, and

training to state staffs on a wide range of environmental issues including EA and EIS preparation, cultural resources compliance and Tribal Consultation, Clean Water Act and mitigation, and compliance with the Endangered Species Act.

GROUND WATER QUANTITY/QUALITY

Provide assistance in ground water quantity and supply for agricultural applications, ground water quality, surface water and ground water interaction characterization, hydrogeologic framework description and controls, development of aquifer visualization, modeling and analytical tools for ground water management.

HYDROLOGY & HYDRAULICS

Provide assistance with the application of hydrology and hydraulics to all NRCS programs, with an emphasis on consultation and training of State personnel. NWMC supported models include WinTR-55, WinTR-20, SITES, HEC-RAS and other models used to evaluate quantity and timing of surface water runoff and its impacts to the environment.

STREAM GEOMORPHOLOGY RESTORATION

Provide direct assistance in applied fluvial geomorphology for streams, rivers, and watersheds. Assistance may include training, consultation, and/or working directly with states to obtain empirical relationships between land area, channel forming effective (bankfull) discharge and the timing and quantity of sediments entrained. The staff is available to help coordinate with other disciplines and present pertinent hydrologic, hydraulic, and geomorphic information in a format more easily understood by those who don't have expertise in these areas. Products may include maps, models, and reports on the empirical relationships between land management, hydrology, hydraulics, and in-channel sediment discharges. Data gathered and analyzed may be used in restoration efforts to maintain a balance between imposed constraints, incoming water and sediments transported.

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Phone: 501-210-8900
Fax: 501-210-8935

Who Can Help...

Technical Specialists can be contacted at 501-210-8900.

Visit our directory on our website ~ <http://wmc.ar.nrcs.usda.gov/contact/directory/index.html>

WATER QUALITY/ QUANTITY, MODELING & APPLICATIONS

Provide assistance and support in all aspects of water quality and quantity issues. Develop new technology, technical materials, and provide training in the use of models and new technology. Provide direct technical assistance on complex and unusually technical projects. Evaluate new commercial technology and assess potential NRCS applications. Facilitate the exchange of technology and information with technical specialists from other centers and agencies.

WATER RESOURCE PARTNERING

Provide assistance and support for water resource initiatives that NRCS can collaboratively and cost-effectively pursue with other Federal and Non Federal Organizations. The initiatives range from the policy and programmatic level, to tool development and application, to collaboration on individual projects. Leverage resources and expertise in partnership to carry out multi-disciplinary investigations and provide impartial scientific information to resource managers, planners, and other customers. Provide direct tech-

nical assistance for the NRCS and U.S. Army Corps of Engineer National Partnership Agreement and the U.S. Geological Survey Cooperative Agreements and MOU's.

WATER RESOURCE TECHNOLOGY OUTREACH

Provide technical assistance and support in collaboration with 1890 colleges and universities, community based organizations (non profits), other federal and state agencies and conservation partners on innovative water related technologies and approaches for small scale and limited resource farmers. Facilitate the transfer of this technology to the underserved communities.

WATERSHED/DAM REHABILITATION PLANNING WATERSHED ASSESSMENTS

The NWMC's multi-disciplined water resources staff provides: Training, consultation, and review of all aspects of watershed and dam rehabilitation projects at all stages of development to promote policy compliance; Assistance in resource analysis and alternative development; Guidance in economic analysis; NWMC developed Watershed/

Agricultural Economist
Agricultural Engineer
Archeologist
Civil Engineer
Ecologist
GIS Specialist
Groundwater Specialist
Hydraulic Engineers
Natural Resource Specialist
Water Resource Outreach Specialist
Water Resource Planning Specialists
Watershed Specialists

Dam Rehabilitation reference materials; Consultation and assistance with archaeological investigations; and Peer reviews of watershed plan/NEPA documents in accordance with agency policy. The NWMC also assists with watershed assessment, including the selection and use of watershed assessment tools and watershed assessment content and format.

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