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## Arkansas Water Resources Research Center Pamphlet

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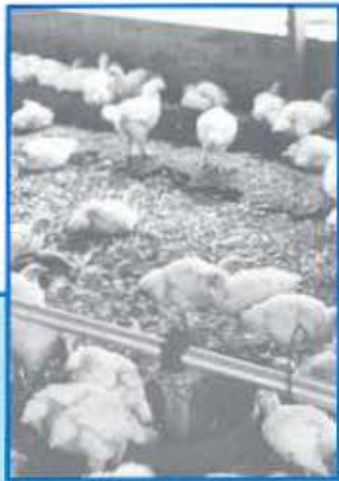
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*In recent years, AWRC scientists have been studying the effects on surface and ground water quality of using animal waste, such as poultry litter, as fertilizer.*



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*Students, both graduate and undergraduate, get valuable experience working in the field and in the laboratory with AWRC scientists, many of whom are also professors at the University of Arkansas.*



**ARKANSAS WATER**



**RESOURCES CENTER**





**Dedicated to Water Resources**

**T**he Arkansas Water Resources Center (AWRC) has helped local, state and federal agencies learn to manage Arkansas' water resources for more than 30 years.

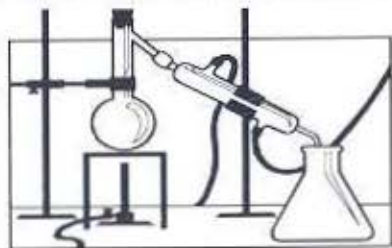
In 1964, Congress passed the Water Resources Research Act, establishing water research institutions like AWRC at land-grant universities throughout the United States. AWRC, at the University of Arkansas at Fayetteville, is part of a network of 54 water institutes.

AWRC research projects have studied irrigation and runoff, ground water modeling and land-use mapping, erosion and pollution, water quality and ecosystems.

Each year, more than 25 principal investigators participate in AWRC projects with the help of more than 60 students, who gain valuable experience doing environmentally-related work across the state.

A technical advisory committee, made up of professionals from educational institutions, environmental organizations, industrial operations and government agencies throughout Arkansas, provides expert guidance by meeting at least once a year.

Information on water research and other water-resource-related topics are disseminated by the Center through public presentations, conferences and publications. AWRC's water quality laboratory provides water analysis services to many scientists and agencies.



## **Our Statewide Mission**

Plan and conduct water resource research, cooperating closely with colleges, universities and other institutes in Arkansas to confront the state's water and land-related problems.

Promote the dissemination and application of research results.

Provide for the training of scientists in water resources.

# **AWRC**

**T**o formulate a research program which is responsive to state water issues, AWRC works closely with state and federal agencies and academic institutions. Priority research categories are:

- ❖ Surface water -- water analysis, ecosystems, pollution...
- ❖ Ground water -- pollution, aquifer mapping...
- ❖ Database -- surface and ground water quality/quantity...
- ❖ Water resource management -- modelling, forecasting, legal issues, management strategies..

AWRC maintains a technical library of more than 900 titles on Arkansas water topics. There may be a copying charge for some titles. Call or write to receive the AWRC newsletter.

**R**esearch, training and information dissemination are supported partially with U.S. Geological Survey institute program funds. AWRC, however, obtains and administers grants from state and federal agencies and others. Research affiliations usually involve a cooperative partnership focusing on a water topic requiring near-term answers.

## **Cooperating With:**

*Arkansas Department of Health*

*Arkansas Department of Pollution Control and Ecology*

*Arkansas Game and Fish Commission*

*Arkansas Soil and Water Conservation Commission*

*Arkansas State Plant Board*

*City of Little Rock*

*Cooperative Extension Service*

*State of Arkansas*

*U.S. Army Corps of Engineers*

*U.S. Dept. of Housing and Urban Development*

*U.S. Environmental Protection Agency*

*U.S. Fish and Wildlife Service*

*U.S. Forest Service*

*U.S. Geological Survey*

*U.S. National Park Service*

*U.S. Natural Resources Conservation Service*

