



The Montana Water Center *Overview – Summer 2011*

Gretchen Rupp
Director

We Are Not Alone...



The Water Resources Research Act of 1964

54 institutes based at land-grant universities throughout the Nation are charged to:

- Promote salient research
- Foster the entry of new water experts into the workforce
- Educate future water specialists
- Conduct technology transfer of research results

Diversity of the Water Institutes

- Budgets range from \$100,000 to >\$10 million; most \$1-3 million
- Laboratories, *Project WET* programs, research staff, Extension WQ collaborations, fellowships, newsletters, conferences, graduate degree programs
- Advisory role to state government (non-advocacy, non-regulatory, science-based)

The Numbers for 2011

- More than 400 collaborating universities, NGOs and governmental agencies
- Base grants total ~\$5.2 million; total dollars moved >\$100 million
- 1000 publications
- 1200 research projects
- 275 conferences hosting 15,000 participants
- Support for 1000 students at 150 universities

The Montana Water Center



In 2011 the USGS Base Grant Program supports research:

Seed grant projects - using innovative methods to trace groundwater inflow to Georgetown Lake, and testing alternative approaches to determine evapotranspiration from a wetland near Sidney

Five graduate research fellowships



Outreach

Co-sponsorship of the regional *Exempt Wells Conference*

The annual *Montana Water Conference*, conducted in Great Falls this year in cooperation with the Montana Section of the American Water Resources Association

The monthly *Montana Water* e-newsletter



Technical Assistance Centers for Small Water Systems

TACNET

HOME TECHNOLOGY TRAINING FORUM SEARCH

EPA TECHNICAL ASSISTANCE CENTER NETWORK
Assisting Small Public Water Systems ... Protecting Public Health

Search the TAC centers by clicking a location on the map

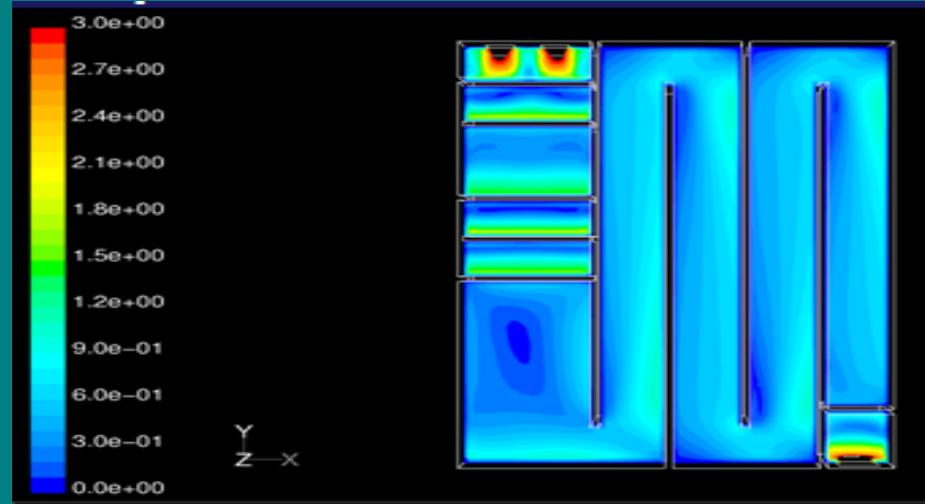
CHOOSE A LOCATION

- Technology
- Training
- Website
- HELP**

ALASKA MONTANA PENNSYLVANIA ILLINOIS MISSOURI KENTUCKY MISSISSIPPI NEW HAMPSHIRE

MISSION ORGANIZATION FUNDING & OVERSIGHT PROJECTS & PRODUCTS

Treatment technology demonstration projects



Training products for system personnel

SAVING WATER & ENERGY
in small water systems

Operator Basics
Training Series

National Version 2005 Small Public Water System Courses:
Ground Water, Surface Water & Wastewater Lagoon Systems

SMALL UTILITY BOARD TRAINING

Microbial Risk Assessment Tool

EPA funded
Part # 83300001 to
Montana State University

MONTANA
WATER CENTER

TACNET

MONTANA
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EPA provided funding
for this product
with grant # 83300001 to
Montana State University

MONTANA HEALTH SERVICE
PHS - 1955

EPA funded
Part # 83300001 to
Montana State University

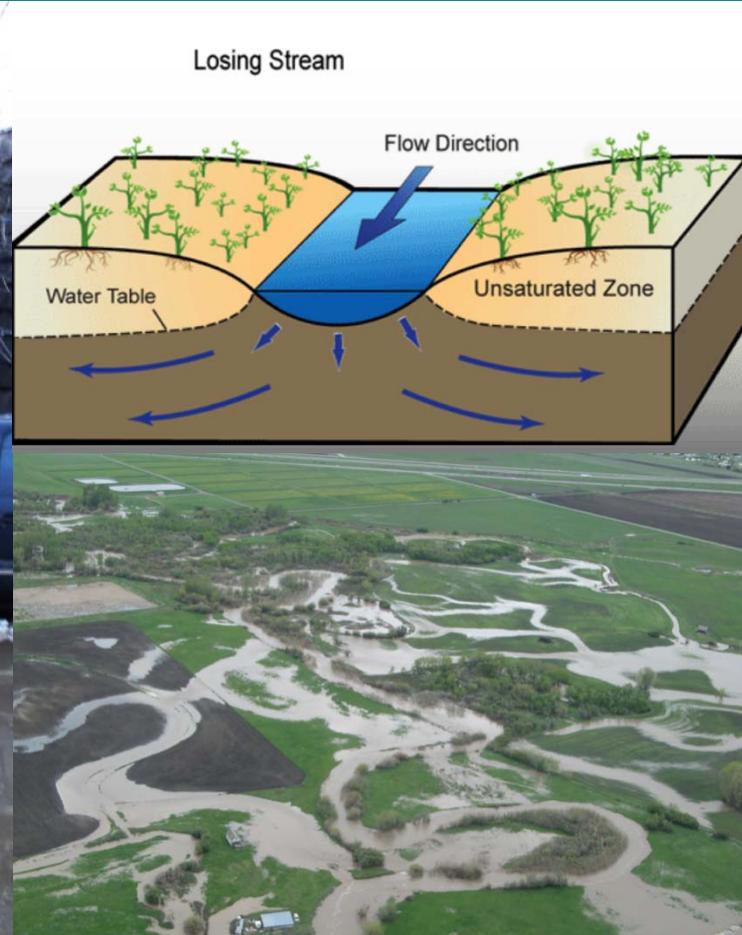
MONTANA
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Montana State University

Decision-Makers' Guide to Montana Water



Wetlands Professional Development

Courses for natural resource professionals on wetlands laws/regulations/permits, restoration and management techniques, plant i.d., monitoring
Online, classroom and field sessions

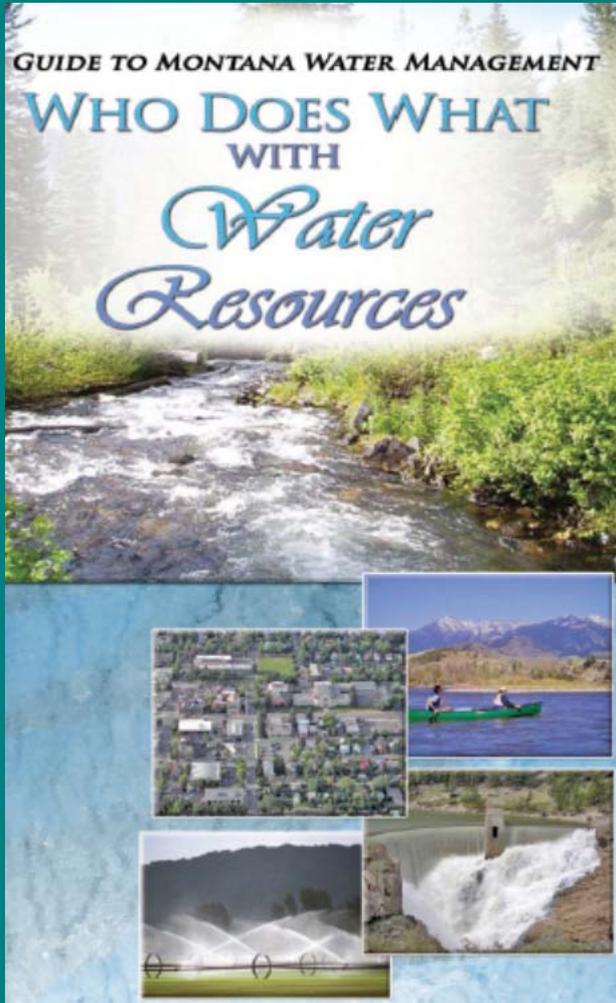


Whirling Disease Interactive Mapping Project

Myxobolus Cerebralis Detection in the United States



The Montana Watercourse



Water education for teachers and students

For the general public: print publications, training courses, facilitation, broadcast media products

A Guidebook for Montana Ponds



• What You Need to Know About Ponds and Alternatives •

Montana Watercourse *continued*

Training and support
for citizen watershed
groups

Outreach/education
component of
EPSCoR water-data
project



Vital odds and ends

Technical assistance to the
Legislature and state government

Matching experts to needs
throughout the state

Helping young water professionals
become established

Serving as a conduit of new
knowledge into the state



Questions?

