

**The
Third**

National Water Quality Monitoring Conference

Madison, Wisconsin May 20-23, 2002

**Water Quality Monitoring 2002:
Building a Framework for the Future**



Photo by: Zane Williams

The
Third

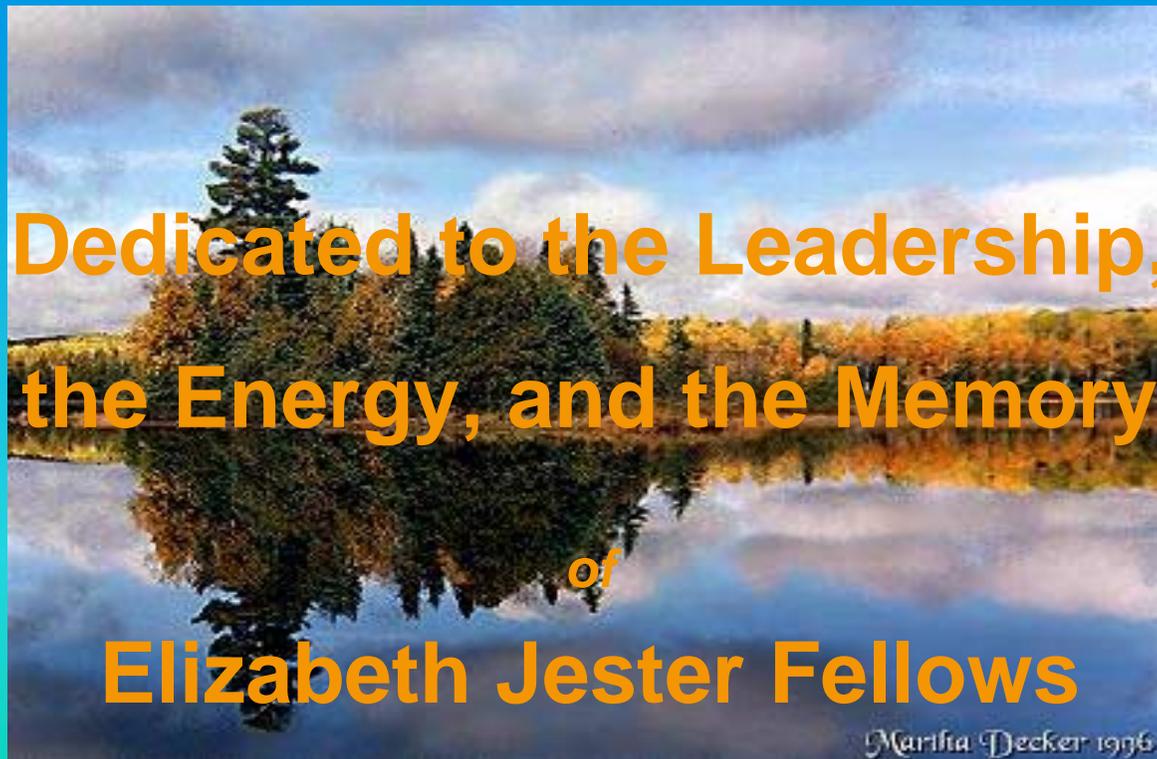
National Water Quality Monitoring Conference

May 20-23, 2002

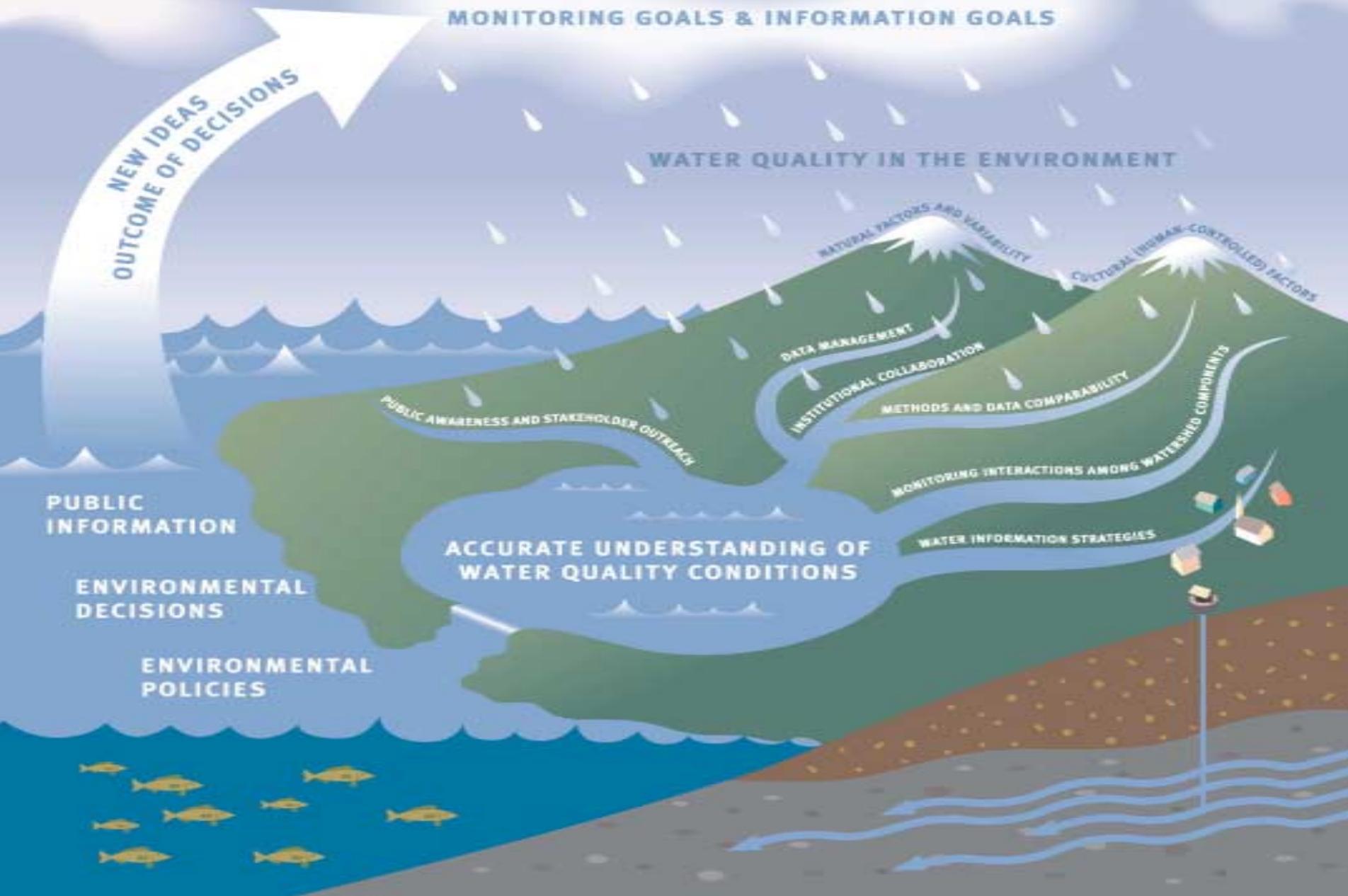
Monona Terrace Convention Center

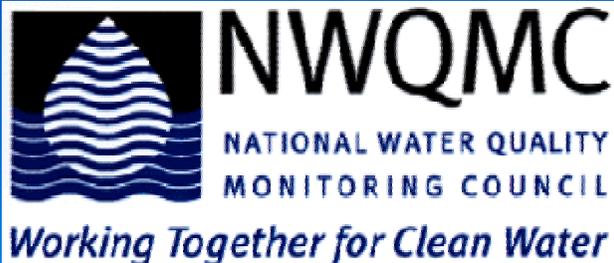


**The
Third** National Water Quality
Monitoring Conference



THE WATER INFORMATION CYCLE





Water Quality Monitoring 2002: Building a Framework for the Future

Overarching Themes:

- ✘ Collaboration
- ✘ New & Emerging Technologies
- ✘ New Expectations of Monitoring

Conference Structure:

- ✘ “The Elizabeth Fellows Keynote Speaker”
- ✘ Concurrent Presentations (1.5 hr long)
 - ✘ 1 invited speaker, others from “call...”
 - ✘ Thematic Discussions
- ✘ Panel Discussions
- ✘ Focused Workshops
- ✘ Reports of Thematic Discussions
 - ✘ Next Steps for the Council

Concurrent Themes:

✘ Setting the Stage for Monitoring

- ✘ Program Planning

- ✘ Collaborations-Cooperation-Partnerships

 - ✘ Involving volunteers to expand your reach

✘ How to be Outstanding in the Field

- ✘ Field Sampling and Field Monitoring: the Biggest Source of Variation

- ✘ New and Innovative Techniques

✘ Getting the Data Right /Getting the Right Data

- ✘ Laboratory Techniques: new & exciting/tried and true

✘ New Opportunities in Data Management

- ✘ Structuring Data, GIS
- ✘ Evolving databases

✘ Data Interpretation

- ✘ The Significance of Sources
 - ✘ Accurate Characterization
 - ✘ Indices, Models, Statistical Tools

✘ Data to Information to Action:

- ✘ Writing Reports that People will Read
- ✘ Effective Communication of Results
- ✘ Public Outreach

✘ Setting the Stage for Monitoring

✘ Program Planning

- ✘ Design of Monitoring Networks

- ✘ Sampling Strategies

- ✘ School-based programs

- ✘ Data Quality Objectives/Quality Assurance Planning

✘ Collaborations-Cooperation-Partnerships

- ✘ School-based monitoring programs

- ✘ Involving volunteer monitors to expand your reach



Water Quality Monitoring 2002: Building a Framework for the Future

- ✘ Workshops: There will be 8-12 over the 3 days
- ✘ Workshops may include:
 - ✘ Capacity Building for State/Regional Councils
 - ✘ Managing Monitoring Programs
 - ✘ Design of Monitoring Networks
 - ✘ Tribal Issues
 - ✘ Surface & Groundwater interactions
 - ✘ Biomonitoring indicators of watershed health



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Conference Sponsors To Date:

- ✘ The Groundwater Protection Council
- ✘ Madison Water Utility
- ✘ National Water Quality Monitoring Council
- ✘ U.S. Environmental Protection Agency
- ✘ U.S. Geological Survey

Expected Attendance ~600



See you there!