



WATER RESOURCES RESEARCH GRANT PROPOSAL

Project ID: 2004MI42B

Title: Natural Resources Integrated Information System

Project Type: Research

Focus Categories: Management and Planning, Water Quality, Models

Keywords: Data Analysis, Data Storage and Retrieval, Information Dissemination, System Analysis, Geographic Information Systems, Water Quality Management, Watershed Management

Start Date: 03/01/2004

End Date: 02/28/2005

Federal Funds Requested: \$27,524

Non-Federal Matching Funds Requested: \$57,287

Congressional District: Eighth

Principal Investigator:

Jon Bartholic

Abstract

Critical, Regional, or State Water Problems

Area of Relevant Research

Numerous federal and state agencies are increasing their emphasis on examining water problems from the watershed perspective. The watershed perspective is being emphasized in the reauthorization of the Clean Water Act, the new Farm Bill as well as several other pieces of legislation. Because of our Institute's long term position relative to national and state water programs, we function as a coordinator to assist with linkages, support education, research, and outreach with and among agencies in the broad water arena. Accordingly, we are in a unique position to facilitate watershed policy, planning, and management with a multi-disciplinary perspective. Our proposed effort includes three major thrusts. The first is the enhancement of integrated watershed systems that can be used for analysis of various management options. The second is extended education where the internet and advanced computer systems in addition to traditional conferences and workshops are used to extend new knowledge to agencies, organizations, and local level watershed and land use groups. The third involves developing a networking

infrastructure to facilitate cooperation among partners such as the USDA, Natural Resource Conservation Service, USEPA, and state Departments of Natural Resources, Environmental Quality, and Agriculture, as well as township associations and county organizations.