



WATER RESOURCES RESEARCH GRANT PROPOSAL

Project ID: 2002OR1B

Title: Development of a monitoring network and web-based database for effective watershed management in the Oak Creek Basin

Project Type: Information Management System

Focus Categories: Hydrology, Management and Planning, Surface Water

Keywords: Internet, Databases, hydrology, watersheds, nutrients, GIS, water quality, public education

Start Date: 02/15/2002

End Date: 02/15/2003

Federal Funds: \$20,209

Non-Federal Matching Funds: \$39,856

Congressional District: Oregon 5th

Principal Investigator:

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Abstract

The Oak Creek watershed is the teaching, research and extension watershed for Oregon State University. The University manages about 40% of the basin for multiple uses including: forestry, agriculture, urban campus activities, and large parking lots. As in many watersheds around Oregon, the university and Corvallis communities have become increasingly concerned about the effective stewardship of the watershed and stream system. This project will establish an Advisory Board, monitoring plan, and web-based database for effective watershed management of the Oak Creek Basin. While some physical, chemical and biological data now exists for the watershed, it has not yet been synthesized and made available in a form useful for watershed management. This small project will help create the data and institutional infrastructure that will support better management and future research in the watershed.