



WATER RESOURCES RESEARCH GRANT PROPOSAL

Project ID: CO822

Title: Enhancements to the South Platte Mapping and Analysis Program (SPMAP)

Focus Categories: Agriculture, Water Use

Keywords: Conjunctive use of groundwater/surface water, Augmentation, Geographic information system, Agricultural consumptive use

Start Date: 03/01/2001

End Date: 02/28/2002

Federal Funds: \$4,834

Non-Federal Matching Funds: \$9,666

Congressional District: 4th

Principal Investigator:

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Abstract

Begun in 1995, the South Platte Mapping and Analysis Program (SPMAP) is a set of computer tools constructed to enhance water management by carefully matching data acquisition system design, modeling, and user interfaces to meet the needs of decision makers in the Lower South Platte River Basin. This process requires the assembly of spatial and other data from participating organizations, and the process is being enhanced by the development of Graphical User Interfaces to improve access to available data and formulate and evaluate different scenarios. An advisory committee comprised of members from six local water organizations will meet every 4-6 weeks to evaluate existing software, identify enhancements needed for software and data, and for training with current systems. The Integrated Decision Support Group (IDS) will develop software and assemble data according to the input from water organizations.