



WATER RESOURCES RESEARCH GRANT PROPOSAL

Project ID: SC3781

Title: Reservoir Shoreline Erosion and Sediment Deposition with Cohesive Sediments

Focus Categories: Sediments, Surface Water

Keywords: cohesive sediments, reservoir circulation, reservoir bank erosion, sediment transport, reservoir sedimentation

Start Date: 03/01/2001

End Date: 02/28/2002

Federal Funds Requested: \$24,258

Non-Federal Matching Funds Requested: \$51,521

Congressional District: Third

Principal Investigator:

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Associate Professor, Clemson University

Abstract

An examination of most large reservoirs reveals numerous erosion areas that become problematic once the erosion begins to encroach on development. Seawalls and revetments are the typical response to the problem and, taken together, represent a large investment, both public and private. The erosion also affects
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