



US Army Corps
of Engineers

Great Lakes Tributary Modeling Program

Nearshore/Nonpoint Source Focus Area

Project Location:

Project Description: This authority enables the USACE to develop sediment transport models to assist state and local agencies with the planning and implementation of measures for soil conservation and nonpoint source pollution prevention. Models can be developed at all tributaries to the Great Lakes that discharge to federal navigation channels or Areas of Concern (AOCs). The ultimate goal of this program is to reduce the loading of sediments and pollutants to tributaries in order to enhance Great Lakes water quality, delist Great Lakes AOCs, and reduce the need for navigation dredging. This project is authorized under Section 516 (e) of the Water Resource Development Act (WRDA) of 1996, as amended – Great Lakes Tributary Model.

Non-federal Partner: NA

Project Status: Site-specific models have been developed in partnership with representatives of agencies and organizations from the watershed, including Soil and Water Conservation Districts, Remedial Action Plans committees, municipal and regional planning agencies, navigation interests, state and federal resource agencies. Models are being used by local, state and federal agencies for watershed and ecosystem planning, forestry management, navigation maintenance planning, and water quality compliance evaluations.

The USACE is providing training sessions throughout the Great Lakes Basin on the use of web tools developed under this program. These tools enable even the more casual user the ability to examine the impacts of land use changes and best management practices (BMPs) for soil conservation and nonpoint pollution prevention.



| Estimated Project Costs | |
|-------------------------|-----------|
| Federal | 2,430,000 |
| Non-Federal | 0 |
| Total | 2,430,000 |

Project Milestones

| Point of Contact |
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