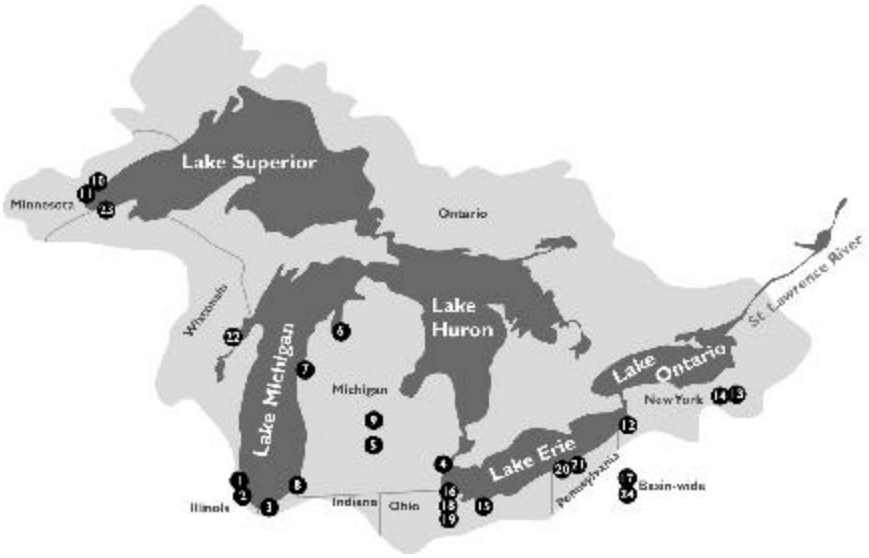
The Great Lakes Soil Erosion Task Force presents:

FY2001 Great Lakes Basin Program projects



The Great Lakes Basin Program for Soil Erosion and Sediment Control is a state-federal partnership involving the Great Lakes Commission, USDA-NRCS and USEPA. Annual grants are made by a regional task force for demonstration and information/education projects. Grants awarded for FY2001 under this highly competitive program are listed below.

Illinois

1. Bull Creek Restoration and Ravine Stabilization
Lake County Stormwater Management Commission, Lake County, Illinois; $25,000

This project will remedy moderate to severe ravine erosion and sedimentation in a downstream reach of Bull Creek, a tributary to Lake Michigan. The project will implement elements of an existing design solution report for Bull Creek channel restoration. Contact Patricia Werner, 847-918-5269.

2. Sediment Reduction through Coastal Wetland Construction
Foss Park District, North Chicago, Illinois; $37,850

This project will test methods for reducing sedimentation and filtering urban runoff through the construction of a dune and swale wetland system at the base of a Lake Michigan bluff. Contact Dr. Charles Shabica, 773-442-6054.

Indiana

3. Grand Calumet River Lagoons Erosion Control Demonstration
Save the Dunes Conservation Fund, Michigan City, Indiana; $25,000

Erosion and sedimentation problems in the Grant Calumet River Area of Concern will be addressed through an information/education program focused at a highly eroding site in Marquette Park. Contact Sandra Wilmore, 219-879-3564.

Michigan

4. The Dirt Doctors: Lesson Plans on Soil Erosion and Sediment Pollution
Wayne County Department of Environment, Land Resource Management Division, Wayne County, Michigan; $22,256

The Wayne County Department of Environment will develop a program kit for elementary students exploring soil erosion and the impact of sedimentation on watershed health. The project will be implemented at three schools within the Johnson Creek watershed, tributary to the Rouge River Area of Concern, and project materials will be available for use in other Michigan schools. Contact John Jones, 734-326-3936.

5. Erosion/Sediment Control Demonstration Project, Nichols Arboretum
Nichols Arboretum, The University of Michigan, Ann Arbor, Michigan; $25,000

This project will use soil bioengineering techniques to eliminate sediment discharges from a heavily used ravine feeding the Huron River from Nichols Arboretum on the University of Michigan Campus. Contact Robert Grese, 734-763-0645.

6. North Sharon Road Timber Bridge Project
Kalkaska Conservation District, Kalkaska, Michigan; $25,000

Through a multi-agency state, federal and local partnership, project managers will protect and enhance the water quality of the Big Manistee River system by replacing a culvert with a clear-span timber bridge. Contact Russ LaRowe, 231-258-3307.

7. Soft Engineering and Natural Methods Control Streambank Erosion
Osceola-Lake Conservation District, Reed City, Michigan; $17,662

This project will address 44 streambank erosion sites on the Pere Marquette River requiring soft engineering practices, native seeding and shrub plantings in order to stop and prevent streambank erosion. Contact Pam Wayne, 231-832-5438 x 3.

8. Soil Erosion and Sedimentation Reduction in the

FY2001 Great Lakes Basin Program projects

St. Joseph River Basin
St. Joseph County Conservation District, Centreville, Michigan; $23,440
The conservation district will oversee a program designed to install buffers and use them for educational purposes in the St. Joseph River watershed. The goal is to reduce the sediment and associated nutrients and pesticides, particularly atrazine, being contributed to Lake Michigan. Contact Shelly Milliman, 616-467-6336.

9. Urban Erosion Control Project for Loop Park
Shiawasee County Conservation District, Owosso, Michigan; $25,000
This project will correct erosion problems in Loop Park on the Shiawassee River in Owosso, Michigan, that are suspected of also adding to the nutrient and pathogen burden of the river. The community will benefit from training in natural restoration techniques and increased recreational opportunities. Contact Carla Wysko, 517-723-8263 x 3.

Minnesota

10. Applying Natural Restoration Techniques to Slope Restoration
Minnesota Erosion Control Association, Lake Elmo, Minnesota; $25,000
The Minnesota Erosion Control Association will partner with the state Department of Transportation and the University of Minnesota to demonstrate how to incorporate design elements from local ecotypes. Contact Dwayne Stenlund, 651-284-3787.

11. Lake Superior Tall Clay Bluff Restoration Demonstration Project
Minnesota Board of Water and Soil Resources, Duluth, Minnesota; $18,100
With this grant, the Minnesota Board of Water and Soil Resources (BWSR) will complete a tall clay bluff restoration demonstration project. BWSR will demonstrate re-vegetation and slope reshaping methods for shoreline erosion control and bluff stabilization. Contact Gene Clark, 218-723-4752.

New York

12. Erosion and Sedimentation Education for Lake Erie Schools
Chautauqua County Conservation District, Jamestown, New York; $17,475
This project will encourage students to think in a watershed context by introducing them to the relationship between human activities and water quality. The project will develop a long term watershed curriculum and be linked to the Global Learning and Observations to Benefit the Environment (GLOBE) program, an international network of teachers, students and scientists. Contact William Boria, 716-753-4481.

13. Natural Stream Restoration in the Seneca Lake Watershed
Schuyler County Conservation District, Montour Falls, New York; $19,755
The primary goal of this project is restore the geomorphic integrity of streams to reduce and control excessive sediment loading in the Seneca Lake watershed. Contact Elaine Dalrymple, 607-535-9650.

14. Stormwater Phase II Initiative in the Seneca and Keuka Lake Watersheds
Yates County Conservation District, Penn Yan, New York; $17,000
This project addresses priorities in the Seneca and Keuka Lake watersheds, and will help the state provide local governments an understanding of the potential impact of stormwater on water quality. It will also help build municipal capacity for inspection and enforcement. Contact Lester Travis, 315-536-5188.

Ohio

15. Estimating TMDL Background Loading from Existing Data
Case Western Reserve University, Cleveland, Ohio; $22,374
This project will develop a broadly applicable tool for estimating background suspended sediment loading in a waterway to aid in the preparation of watershed Total Maximum Daily Load (TMDL) under Section 303 (d) of the Clean Water Act. Contact Peter Whiting, 216-368-3989.

16. Ohio CREP, Water Quality and Minimum Detectable Change
Water Quality Lab, Heidelberg College, Tiffin, Ohio; $25,750
Given the increasing number of Conservation Reserve Enhancement Programs (CREP) in the Great Lakes Basin, the project team will determine the amount of sediment load reduction required to document a statistically significant reduction in CREP implementation areas. Contact Peter Richards, 419-448-2240.

17. Ohio Naturalized Stream Channel Conference and Website
Ohio Department of Natural Resources and the Ohio State University, Columbus, Ohio; $24,250
This project grant will support a conference and website as fora for professionals and others interested in the theory and application of natural channel design within the Great Lakes basin. Contact Jerry Wager, 614-265-6619.

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