



PROJECT INFORMATION SHEET

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG

OM-GLTM-Sediment Delivery Lag Time, MI

Description

The purpose of this project is to understand the sediment lag-time inherent in rivers that drain to a federal navigation channel. Considerable money is spent each year through U.S. Department of Agriculture (USDA) programs to encourage farmers to change how they manage their land (tilling practices, cover crops, etc.). One of the benefits of this program is a reduction in the amount of sediment delivered to streams that ultimately lead to a federal navigation channel. We have, however, not seen a reduced need to dredge at the downstream end of these watersheds. This study will examine the lag-time associated with changes to the upstream sediment supply (where is the sediment stored and how long does it take to move through the system).

Congressional Interest

Lawrence (MI-14); Senator Peters (MI), Senator Stabenow (MI)

Location Map & Picture



Non-Federal Project Sponsor

NA

Project Authority

Section 516 (e) (2) of Water Resource Development Act 1996, as amended – Great Lakes Tributary Modeling (GLTM).

Funding	<u>Total</u>	<u>Federal</u>	<u>Non-Federal</u>
Current Working Estimate:	\$ 110,500	\$ 110,500	\$ 0
Funds Allocated prior to FY17:	\$ 110,500	\$ 110,500	\$ 0
E and W Funds Allocated prior to FY17:	\$ 103,300	\$ 103,300	\$ 0
GLRI Funds Allocated prior to FY17:	\$ 7,200	\$ 7,200	\$ 0
FY17 Energy and Water Allocation:	\$ 0	\$ 0	\$ 0
FY17 GLRI Allocation:	\$ 0	\$ 0	\$ 0
FY18 Budget:	\$ 0	\$ 0	\$ 0
Funds required to complete (>FY18):	\$ 0	\$ 0	\$ 0

Stage

Design and Implementation

Status

FY17 consisted of collecting sediment core samples to design the study. FY18 will involve more sediment cores to develop a comparison and determine a correlation between the elements found in the samples.

U.S. ARMY CORPS OF ENGINEERS - DETROIT DISTRICT

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