



US Army Corps  
of Engineers

# OM-GLTM SAGINAW SEDIMENTATION

**Project Location:** This project was a regional study of the Saginaw River watershed, located in the east-central portion of Michigan. Major tributaries in the watershed include the Saginaw, Flint, Cass, Shiawassee and Tittabawassee rivers.

**Project Description:** The Saginaw River watershed, one of the largest watersheds in Michigan, drains approximately 6,300 square miles of land and is within the Saginaw River and Saginaw Bay Area of Concern (AOC). Agriculture is the dominate use in the watershed. The remaining area is mainly undeveloped forest and grassland, along with some wetlands, developed areas and open water. The objective of this project was to evaluate the effectiveness of changes in land use practices to reduce sediment to the river since the start of the Great Lakes Restoration Initiative (GLRI) funded projects in the watershed. 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:** N/A

**Project Benefits:** This project showed the reduction of sediments delivered to the Saginaw River Federal Navigation Channel since the start of the Great Lakes Restoration Initiative (GLRI) program. This helps understand how implementation of agricultural practices or other nutrient reduction practices impact sediment reductions in the watershed.

**Project Status:** Study examined total phosphorus and sediment loadings before, during, and after Great Lakes Restoration Initiative (GLRI) funded projects were implemented in the watershed. Phosphorus and sediment loadings were modeled within the watershed. The study concluded in December 2017 with a final report in March of 2018.



| Estimated Project Costs |           |
|-------------------------|-----------|
| Federal                 | 5,026,000 |
| Non-Federal             | 0         |
| Total                   | 5,026,000 |

| Project Milestones               |          |
|----------------------------------|----------|
| Data collection on Saginaw River | Complete |
| Study Report                     | Complete |

| Point of Contact                                               |
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