

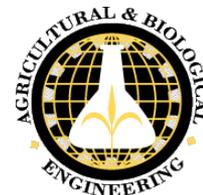
# **Cumulative Impacts of BMP Implementation – Maumee River Basin**

Project No: EPAGLNPO-2010-  
NS-6-905-991

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# Partners

- Collaborative project involving
  - Purdue University
  - St. Joseph River Watershed Initiative
  - St. Marys River Watershed Project
  - Upper Maumee Watershed Project
  - Maumee River Basin Commission
  - Indiana State Department of Agriculture
  - NRCS
  - TNC



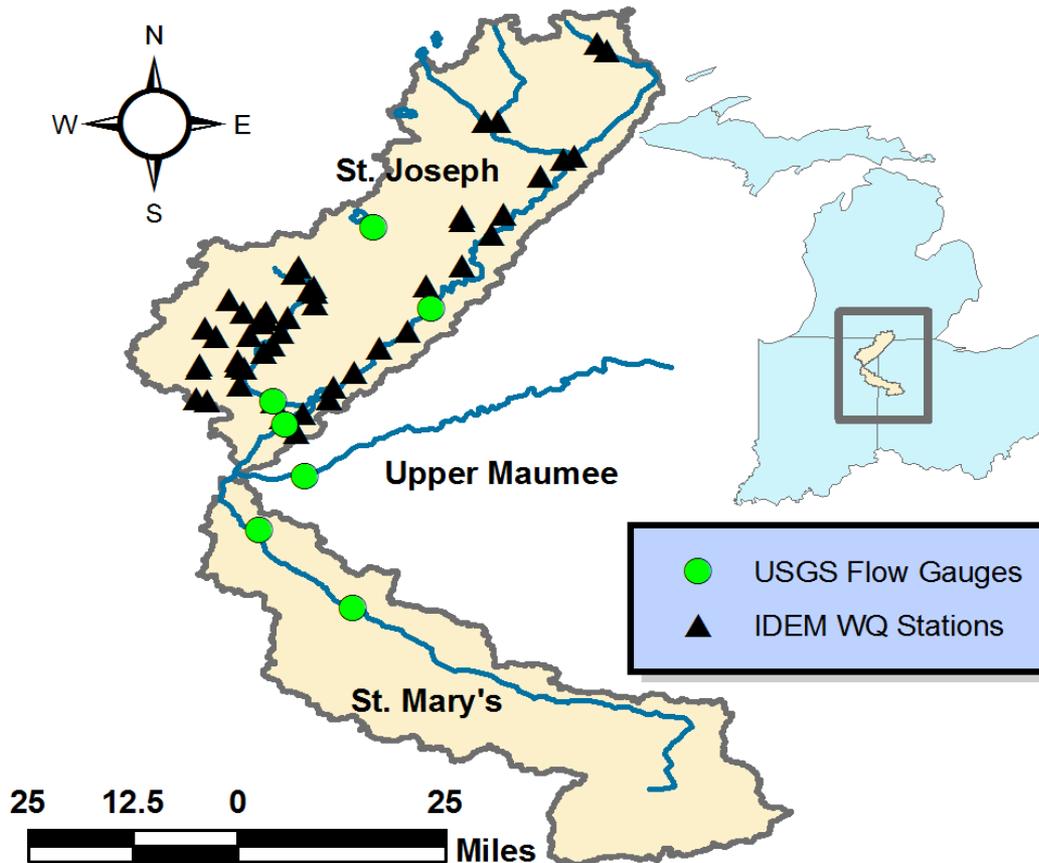
# Project Objectives

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1. Estimate potential water quality improvements at field, watershed, and basin scales due to installation of various BMPs.
2. Work with watershed groups to include BMP modeling results into their existing watershed management and TMDL implementation plans



# Project Location



# Project Tasks – Objective 1

- Task 1.1: Synthesize the list of BMPs to be implemented in the watershed as a part of the GLRI and other funded projects.
- Task 1.2: Evaluate the effectiveness of the BMPs in reducing transport of soluble P and other NPS pollutants at various spatial and temporal scales.
- Task 1.3: Quantify the effects of riparian buffers in reducing soluble P and other NPS pollutants in high flood risk areas



## Project Tasks – Objective 2

- **Task 3.1: Assemble a Steering Committee that will provide guidance and coordination.**
- **Task 3.2: Present BMP effectiveness and BMP optimization results to stakeholders for incorporation into watershed management plans.**
- **Task 3.3: Develop educational materials and organize workshops on BMP selection, effectiveness, targeting strategies to reduce NPS pollutants to Western Lake Erie, and use the results in watershed planning.**



# Why was the project successful?

- I can only guess, but below is what is generally helpful..
  - Attention to RFA
  - Key partnerships
  - Shovel ready
  - What would reviewers like to see?
- Please contact me if you would like to collaborate
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