



B-WET
BAY WATERSHED EDUCATION & TRAINING



THE UNIVERSITY OF
TOLEDO

Lake Erie Center

Maumee River Floating Laboratory on Watershed Science (FLOWS) Teacher Participants Needed! Summer 2021 - Fall 2022

We are accepting science and art teacher applications for collaboration on the Maumee River FLOWS education project. This NOAA funded project will consist of:

- Watershed, water quality and Lake Erie science training (teacher classroom and field training = 30 hrs.)
- Water classroom curriculum and science field trips for students (2-3 hrs.) aboard the Sandpiper on the Maumee River
- Stewardship action projects (e.g. storm drain protection, rain gardens, stream cleanups)
- Sharing of conclusions and experience



Scope: Water science includes aspects of biology, chemistry and physics; as such, it is relevant to teachers of these subjects. All aspects, especially stewardship and presentation of the project synthesis, are invited to include artistic elements to enrich the experience.

Audience: Focus is high schools and middle schools in the Toledo Public Schools (TPS) district and urban charter schools located in the Toledo riverside urban area. Note: Schools in all areas will be considered with preference for schools in close proximity to the Sandpiper's downtown Toledo dock.

Support: Teachers accepted into the program will receive stipends (\$1500) and educational materials (e.g. water testing kits, guide books, classroom materials, stewardship project materials). Students will receive educational materials and a Sandpiper science cruise.

Timeline:

- Teacher classroom and field training: June 14-18, 2021
- Student classroom curriculum: 2021-22 AY
- Student Sandpiper science cruises: Sept 2021, May 2022, Sept 2022
- Stewardship projects: throughout
- Synthesis and sharing: Sept-Oct 2022

Organizers of the Maumee River FLOWS project:

- UToledo Lake Erie Center: Dr. Thomas Bridgeman, Dr. William Hintz, Dr. Trisha Spanbauer and Rachel Lohner
- Lucas Soil & Water Conservation District: Jamie Kochensparger
- Partners for Clean Streams: Kristina Patterson
- Additional support: Sandpiper crew and NOAA Great Lakes Environmental Research Laboratory

Additional information and teacher application online:

utoledo.edu/nsm/lec/FLOWS

Or, contact Rachel Lohner with any questions via email (rachel.lohner@utoledo.edu) or phone (419.530.8364).

