

# Connecting GLOBE to Local Citizen Science Projects

Every year for the past 27 years on the first Wednesday of October, teachers and students in northwest Ohio loaded up buses and cars with water testing equipment and traveled to a local body of water. Toledo Metropolitan Area Council of Governments (TMACOG) has solicited their help to monitor the quality of their local streams in the Maumee River and Lake Erie basin in the *Student Watershed Watch Program*. Using the GLOBE protocols, students collected data about the site and the water. Using the GLOBE Observer App in the field, students uploaded cloud data immediately! The students aren't done yet! They will go back to their classrooms and analyze their data, compare it to other schools' data and present their findings at the Student Summit in November.

Toledo Public Schools teachers, Laura Schetter (teacher at the Natural Science Technology Center) and Melody Tsapranis (teacher at Navarre Elementary School) and their students participated in the *Student Watershed Watch*. Both attended GLOBE Professional Development at the University of Toledo last June. The University of Toledo assisted with equipment and manpower.

This is just one example of how GLOBE can be incorporated into local citizen action projects.



Laura Schetter with students doing Hydrology Protocols



Melody Tsapranis and students preparing for the collection of data

