



# 50 Acts of Service

<b>Service Project Title</b>	SERVICE LEARNING Central Lake Erie Basin Collaborative
<b>Date(s)</b>	01/2017 - Present
<b>Brief Description</b>	The Central Lake Erie Basin Collaborative (CLEB) is watershed organizations from 17 Northern Ohio counties working to implement projects that include preservation and watershed management. Lakeland Community College Geospatial department was asked to develop a means of creating, analyzing and share spatial data for watershed managers in this region.
<b>Number of people needed</b>	This work is being completed by 5 people, including faculty, interns and student workers.
<b>Full Description</b>	<p>This project will be providing spatial data creation, analysis, and modeling for a riparian setback and critical areas datasets for the 17 county CLEB area. Using the Chagrin River Watershed Partners Inc. Riparian setbacks: technical information for decision makers, January 2006, as a guide for delineating riparian setback we are creating a spatial dataset for the CLEB area. The critical areas dataset will be created based on variables of importance to watershed managers in the region.</p> <p>We are collecting data and cleaning it, so that it can be process in a spatial model to determine setback distances for each stream and drainage are in the CLEB area. The critical areas model will use the same process to determine suitable sites that are critical to preservation and restoration.</p>
<b>Location</b>	<b>Lakeland Community College Geospatial Lab</b>
<b>Resources Required</b>	GIS software, spatial data modeling and analysis, and use of the geospatial lab.

**Date and Time**

*Start was fall semester 2016 and is continuing through fall 2018*

**Important Information**

This project is a collaboration with Central Lake Erie Basin Collaborative, The Nature Conservancy, Lake County Soil and Water, and Lakeland Community College

**Contact Person**

Bobby Oliver, GISP

**Web resources**

So long as employees have their supervisors' approval, then reasonable amounts of time away from the regular work assignment to assist with limited, non-recurring, episodic college sponsored service projects does not have to be claimed as benefit time. Employees are encouraged to consider how they might, with supervisory approval, flex their work schedule to accommodate the volunteer activity.