

# GRADUATE EXIT SEMINAR

SHELBY TABER

## Understanding Water Quality Perception Accuracy in the Maumee River Watershed

In recent years, Lake Erie has seen a surge in harmful algal blooms that can be largely ascribed to water quality problems and specifically agricultural runoff in the Maumee River Watershed that feeds into the Lake. An understanding of what influences public perceptions of local water quality and how accurate these perceptions are compared to objective water quality could be used to motivate local pro-environmental behavior. This study uses observational water quality data combined with survey data about perceptions of water quality to determine how demographic factors (such as age, gender, education, income, and proximity) and information dynamics (such as media use, issue attentiveness, issue understanding, and trust in stakeholders) influence local and Lake Erie water quality perceptions as well as local water quality accuracy in the Maumee River Watershed.

Advisor: Dr. Robyn Wilson

**MONDAY, APRIL 5, 2021**  
**10:45 A.M.**

**Join the seminar via Zoom:**

<https://osu.zoom.us/j/96440026480?pwd=ZG5KSzdEdXFJWUZQTmd4citNa0ZwUT09>

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