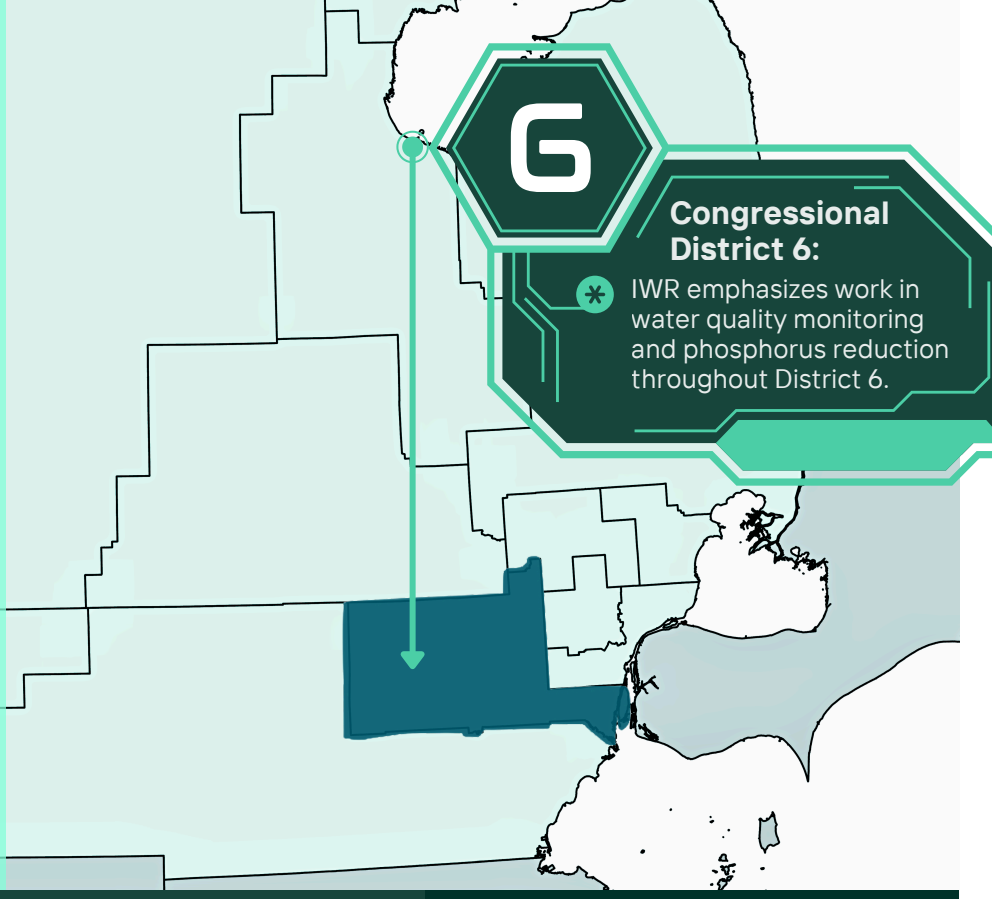
Institute of Water Research
MICHIGAN STATE UNIVERSITY

Congressional District 6

The Institute of Water Research is improving water quality in District 6. Outputs from District 6 research greatly impact the Lake Erie Basin with several concurrent projects having a massive positive effect in the region.

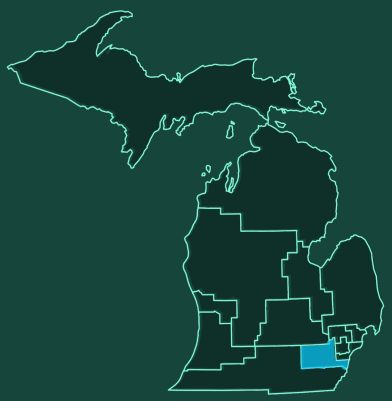
$16.5+ MILLION
In Research and Outreach in District 6



Financial Allocation in District 6

Drilling down on the numbers of IWR initiative performance in District 6.

Improving Water Quality in Lake Erie Basin	$15.2 MILLION
Improving On-farm Resilience to Extreme Weather Events	$1.3 MILLION



The Expected Impacts of IWR Efforts in District 6

District 6 goals and expected performance.

Improve Water Quality Through Conservation Practice Adoption	40,000 LBS OF PHOSPHORUS REDUCTION
Precision Tracking of Phosphorus Load Reduction Into Western Lake Erie Basin	40% REDUCTION BY 2040
Development of Strategic Water Quality Monitoring Plan	

Active IWR Projects in District 6

- **Conservation Pay-for-Performance Program**
  Launching a pay-for-performance conservation program to reduce phosphorus entering Michigan's Western Lake Erie Basin.
- **Increasing Climate-Resilient Farms**
  We are working with producers across 20 farms in Michigan and conducting long-term research at Kellogg Biological Station to use soil health practices to increase climate resiliency.
- **Erb Foundation (Western Lake Erie Monitoring)**
  Developing a comprehensive monitoring strategy in Michigan's Western Lake Erie Basin to track phosphorus reductions.
- **Nutrient Tracking Dashboard**
  Enhancing Michigan's online watershed management system to track progress toward Lake Erie phosphorus reduction targets.
- **Soil Health Outcomes (WLEB Farms)**
  Partnered with farmers in the Western Lake Erie Basin to link soil health practices with water quality outcomes.
- **Saline River Buffer Easement Pilot**
  Installed permanent conservation buffers in Washtenaw County to reduce phosphorus loading into the River Raisin watershed.
- **Research on In-Field Soil Nutrient Probes**
  Connecting universities, NRCS, and producers across four states to improve nutrient monitoring technology and inform best management practice recommendations.

Healthier Streams, Wetlands, and Lakes for a Healthier Michigan!

Find Out More!

Follow the QR code on the right to learn more about the work IWR is doing...