



Congressional District 5

The Institute of Water Research is improving water quality in District 5. Outputs from District 5 research greatly impact the Western Lake Erie Basin with several concurrent projects having a massive positive effect in the region.

\$16.5 MILLION

In Research and Outreach in District 5

5

Congressional District 5:



IWR emphasizes work in water quality monitoring and phosphorus reduction throughout District 5.

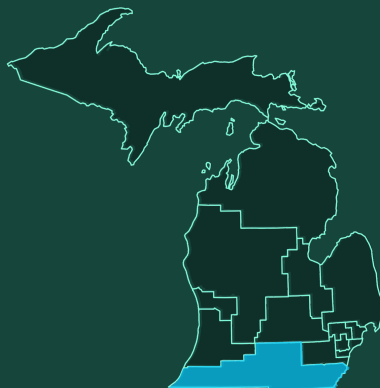
Financial Allocation in District 5



Drilling down on the numbers of IWR initiative performance in District 5.

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 5



District 5 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 5

- 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.
- Improved Water Quality Network and Strategic Planning**
Developing a comprehensive monitoring strategy in Michigan's Western Lake Erie Basin to track phosphorus reductions and increase water quality monitoring stations in priority watersheds.
- Connecting Soil Health to Water Quality**
Partnering with farmers in the Western Lake Erie Basin to link soil health practices with water quality outcomes.
- Nutrient Tracking Dashboard**
Enhancing Michigan's online watershed management system to track progress toward Lake Erie phosphorus reduction targets.
- 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...

