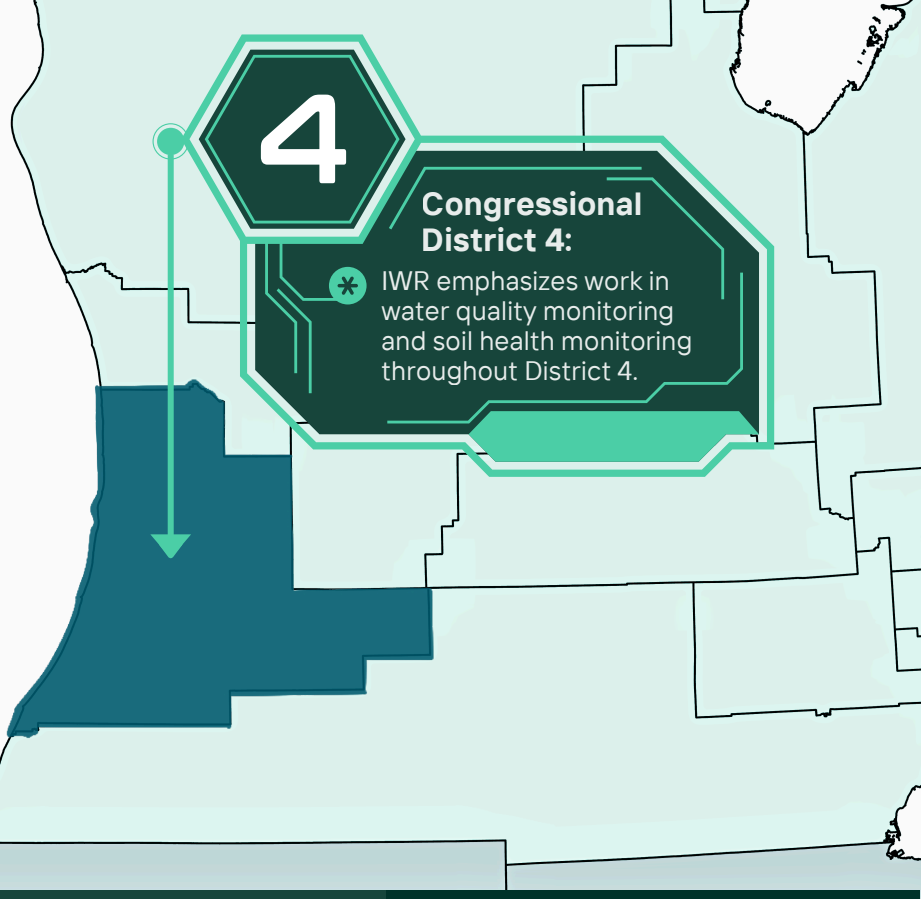
Institute of Water Research
MICHIGAN STATE UNIVERSITY

Congressional District 4

The Institute of Water Research is improving water quality in District 4 by conducting research on soil samples. The outputs and results of these research projects will greatly impact the District 4 region.



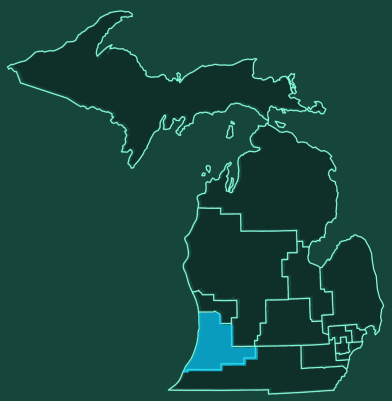
$3+ MILLION

In Research and Outreach Affecting District 4

Financial Allocation in District 4

Drilling down on the numbers of IWR initiative performance in District 4.

Part of a Multi-State Effort to Improve Soil Health and Rangeland Management	$1.7 MILLION
Part of a State-Wide Research Measuring Soil Health Metrics	$1.3 MILLION
Social Indicators Data Management and Analysis Online Tool Upgrades	$40,000



The Expected Impacts of IWR Efforts in District 4

District 4 goals and expected performance.

- Conducting On-Farm Research for Improving Rangelend Management
- Improved Water Quality Supported by SIDMA

Active IWR Projects In District 4

Metrics, Management and Monitoring: An Investigation of Rangeland and Pasture Soil Health and its Drivers
A bold nationwide initiative that advances sustainable grazing management by integrating soil health, water quality, and producer wellbeing data across 60 ranches in multiple states. Through this $1.7 million project, the Insitute of Water Research at MSU will contribute to national models that improve rangeland resilience, profitability, and ecosystem services, linking ecological monitoring with socioeconomic and water-cycling indicators.

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.

Social Indicators Data Management and Analysis Online Tool Upgrades
This initiative modernizes the Social Indicators Data Management and Analysis (SIDMA) platform—an essential, free, online national tool for watershed and conservation program evaluation. SIDMA's updated usability, functionality, and accessibility will help agencies and watershed groups better track behavioral and social outcomes that lead to improved water quality and reduced nonpoint-source pollution.

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...