

Department of Commerce: Supporting Research at Michigan



The Department of Commerce (DoC) partners with universities and other stakeholders to promote job creation, economic growth, sustainable development and improved standards of living. The department also oversees ocean and coastal navigation.

DoC funding supports efforts to keep the United States competitive in all aspects of commerce and manufacturing, and supports conservation and management efforts of the Great Lakes and other coastal and marine ecosystems.

\$10M

Research Expenditures
in FY2018

50 Active Projects

1.2%

of Overall
U-M Federal
Support

U-M research projects supported by
DoC annually involve about:

53 Faculty
6 Postdoctoral Fellows
13 Graduate Students



Adapting to Climate Change

U-M researchers are focused on exploring the potential impacts of climate change on the Great Lakes and adapting to meet those challenges. The Great Lakes Integrated Sciences and Assessments program is funded by the National Oceanic and Atmospheric Administration (NOAA), and serves as the bridge between climate scientists and decision makers who can put research to use. With the help of NOAA, climate science is translated into actionable plans that will protect the future of the Great Lakes region.



Aiding Great Lakes Manufacturers

Michigan, Ohio and Indiana make up the most industrialized region of the country, but they also lost more than 200,000 manufacturing jobs over the last decade. With a \$1.65 million grant from the Economic Development Administration, U-M aims to help import-impacted manufacturers improve their global competitiveness and enhance business growth. “Though globalization has impacted the entire U.S. economy, it has and continues to affect the Great Lakes region much more strongly,” said Scott Jacobs, director of the U-M Great Lakes Trade Adjustment Assistance Center.



Promoting and Protecting Michigan’s Coastal Resources

Michigan has 3,288 miles of Great Lakes coastline that needs protection and understanding. Funded by NOAA, Michigan Sea Grant supports research projects that inform science-based decisions about the use and conservation of Great Lakes resources, serving as a resource to communities, government officials, and the general public.