

# GREAT LAKES SCIENCE INITIATIVE



Researchers on this team address a suite of global challenges by targeting research, teaching and extension programming on southern Lake Michigan, the Chicagoland region and the entire Great Lakes ecosystem. Through partnership with governmental and non-governmental organizations engaged in the science and management of coastal Lake Michigan and the broader Great Lakes, this initiative seeks to not only to address knowledge gaps underlying Great Lakes restoration and future dynamics, but to also train leaders and engage diverse and more importantly, underrepresented communities, to take the actions necessary for such restoration.

Our key areas of research are:

- Physical processes of the Great Lakes
- Great Lakes ecosystem function and management
- Generating Great Lakes data and sensor monitoring
- Great Lakes socioeconomic science

## ABOUT THE INSTITUTE

Drawing on the United Nations Sustainable Development Goals, Purdue's Institute for a Sustainable Future fosters and promotes research, partnerships, and engagement that advances understanding of persistent global sustainability challenges. The Institute supports the research and development needed to provide viable solutions to grand challenges in these areas by connecting faculty and researchers with one another and by forging linkages between disciplines and communities within Purdue and beyond.

## CONTACT US

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