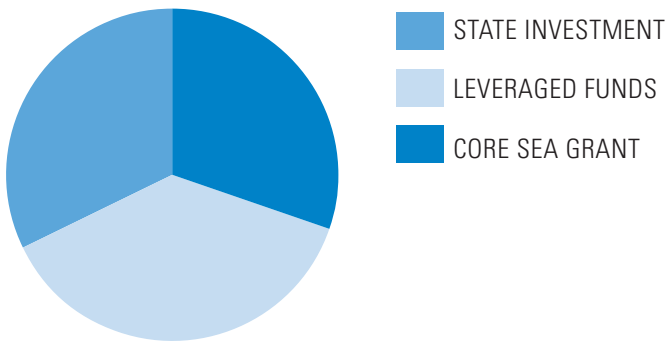


Wisconsin Sea Grant is a locally focused, federal-state partnership supporting research, education and outreach. For **50 years**, it has been fostering the sustainable use of Wisconsin's Great Lakes.

95% of federal funds are invested in trusted, objective, science-based programming

\$2,708,617 in leveraged funds

185% return on federal investment



From Discovery to Application: Science Transferred

Local and Delicious, Plus a Job-Creator

Fresh Atlantic salmon grown in the heart of dairy country is now a reality thanks to Superior Fresh. Investors committed more than \$20 million to the Jackson County aquaponics facility that employed

dozens in the construction trades. With its 2017 grand opening, up to 50 people will have jobs caring for and harvesting 160,000 pounds of fish and 1.8



million pounds of lettuce annually. This is made possible, in part, thanks to Sea Grant partners and the University of Wisconsin-Stevens Point Northern Aquaculture Demonstration Facility.

BY THE NUMBERS

ALL FIGURES 2015-17



Nearly

\$26.8 million

in economic impacts

95

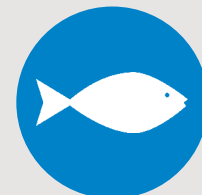
jobs created or sustained

34

businesses created or sustained

176

acres of habitat restored



541

fishermen or aquaculture industry professionals assisted

Home Sweet Home—Protected

Median home values in the Lake Michigan counties of Kenosha, Racine, Milwaukee and Ozaukee range from \$115,200 to \$271,400. Rapidly rising lake levels have had a major effect on the properties—bluffs are collapsing and beaches are washing away. Sea Grant has: funded research to create a new device that predicts bluff slides; along with the Wisconsin Department of Natural Resources, developed emergency permits to install protective material to stabilize bluffs; and helped secure nearly \$1 million to safeguard shoreline homes, beaches and harbors.

Shipping Off a Costly Problem

The Duluth-Superior port is the world's largest inland facility and represents \$12.6 billion in annual activity. Ships rely on port infrastructure for loading and unloading cargo. When the infrastructure is failing, so are profit margins. About 10 years ago, steel in the port was corroding at an accelerated rate. Sea Grant and partners figured out why and how to fix it. The solution saves millions in replacement costs every year—nearly \$4.9 million in 2016-17 alone. Sea Grant also advises on the beneficial re-use of dredged material.



Saving Lives

The Great Lakes offer many recreational opportunities. But the lakes can also be dangerous. Sea Grant steps in and helps save lives. It has funded research on dangerous waves and rip currents, and given coastal communities flotation devices for beaches.



813

communities that adopted practices to prepare for hazardous events



176

university students supported

679

resource managers reached

17,482

pre-K thru 12 students reached

37

new and continuing research projects



seagrant.wisc.edu