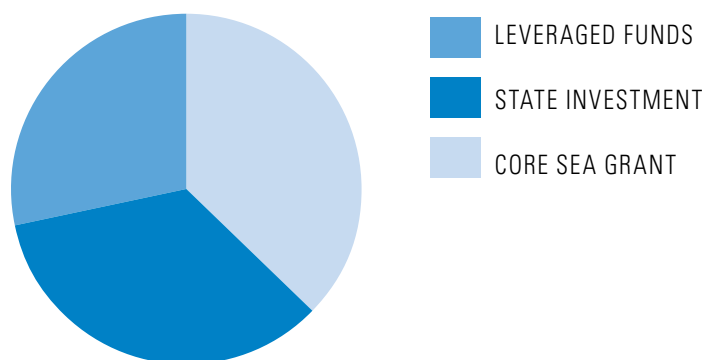


Wisconsin Sea Grant is a locally focused, federal-state partnership supporting research, education and outreach. For **51 years**, it has been fostering the sustainable use of Wisconsin's Great Lakes.

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

\$2,998,144 in leveraged funds

185% return on federal investment



From Discovery to Application Science Transferred

Serving Salmon Raised in Wisconsin



Americans import more than 90% of the seafood that ends up on their dinner plates, sending hard-earned dollars abroad. Fish-rearing innovations supported, in part, by advice and assistance from Sea Grant and the Northern Aquaculture Demonstration Facility of the University of Wisconsin-

Stevens Point now means tasty, healthy salmon is being raised in the dairy state. Superior Fresh invested more than \$20 million into a state-of-the-art aquaculture facility growing the Atlantic-native fish indoors. The business is keeping dollars at home and providing up to 50 jobs.

BY THE NUMBERS

ALL FIGURES 2016-18

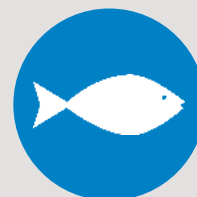


Nearly
\$41 million
in economic impacts

220
jobs created or sustained

117
businesses created or sustained

1,647
acres of habitat restored



596
fishermen or aquaculture
industry professionals assisted

Taming Floods

2018 saw flooding in virtually every corner of Wisconsin. Damage estimates top \$230 million. In urban areas, green infrastructure can reduce the effects of rushing and polluted stormwater by mimicking the natural capacities of soil and vegetation. However, in many communities, green infrastructure is discouraged or even outright prohibited by outdated, poorly worded or ambiguous local ordinances. Sea Grant created a guidebook to overcome those challenges, and provides hands-on consultation to implement the changes that can prevent flood damage and save money.



It's a Win-Win in Green Bay

Rising from the waters of Green Bay is a rebirthed chain of barrier islands constructed of material dredged from the shipping lanes of the Green Bay port. The 200-plus miles of island restores land washed away during 1970s storms as well as spares the need to place the dredged material in expensive storage facilities, which can cost \$25 million. The islands and additional 1,400 acres of wetlands that are being created are also providing homes for birds like the endangered piping plover and Forster's tern and threatened reptiles such as Blanding's and Wood turtles.



Supporting Students, Big Payoffs

Through research projects and scholarships, along with fellowships based at the federal and state levels, each year Sea Grant supports an average of 85 students. This offers invaluable learning and job training for a new generation of leaders. It pays off when students go on to gainful employment in their fields — 54 jobs in 2017-18. In one instance, it also paid off directly for Wisconsin. In 2017, a former fellow secured an \$840,000 federal grant that is now assisting southeastern Wisconsin communities seeing threats to manmade and natural structures due to high Lake Michigan water levels.



20

communities that adopted practices to prepare for hazardous events



176

university students supported

1,055

resource managers reached

30,952

pre-K-12 students and lifelong learners reached

35

funded research projects



seagrants.wisc.edu