

# A smart investment in our coastal economy



February 2018

**33**

University-based  
programs

**1,400,000**

Acres of habitat  
restored or protected

**366,108**

Volunteer hours

**1,099**

Training events provided  
to communities

**781,164**

K-12 students reached

For over 50 years, the National Sea Grant College Program (Sea Grant) has supported coastal and Great Lakes communities through research, extension and education. Sea Grant's mission is to enhance the practical use and conservation of coastal, marine and Great Lakes resources in order to create a sustainable economy and environment.

**1,300**

BUSINESSES  
CREATED OR SUSTAINED



**7,100**

JOBs  
CREATED OR SUSTAINED

In 2016, a federal  
investment in Sea Grant  
of \$74 million resulted in

**\$611M**

ECONOMIC  
BENEFIT

Research  
Extension  
Education

over  
**500**



SEA GRANT EXTENSION AGENTS

are stationed in communities  
across the country to advance  
understanding of coastal  
and fisheries science for  
communities and economies  
that are more resilient.



Metrics are direct results of Sea Grant work between February 1, 2016 and January 31, 2017 as reported by Sea Grant programs in June 2017. Economic benefit = market and non-market value of Sea Grant's work; value of jobs and businesses (\$475M) as well as total leveraged funds (\$136M).

# Sustainable Fisheries and Aquaculture



**\$16.5M investment in aquaculture resulting in \$90M economic impact**



Sea Grant work on sustainable fisheries and aquaculture includes: advancing aquaculture through research and informing regulation, sustaining wild fisheries through research to test new catch strategies, listening and responding to needs of fishing communities, and training young fishermen such as through the Young Fishermen's Summit organized by Alaska Sea Grant.

**2,012**  
Seafood HACCP safety certifications as a result of Sea Grant training

## Healthy Coastal Ecosystems



**4,634**  
Resource managers used ecosystem-based management (EBM) tools as a result of Sea Gant's work

Sea Grant work on healthy coastal ecosystems includes: research to understand ecosystem change and test new recovery techniques, monitoring and habitat restoration efforts with partners, citizen science programs, identifying and testing new methods to mitigate water pollution sources, and guidance and expertise on planning and management such as efforts by USC Sea Grant and partners to develop and use models to inform wetland restoration projects in southern California.

## Resilient Communities and Economies



**494**  
Communities improved resilience

Sea Grant work on resilient communities and economies includes: long-term community planning, climate and ecological research, social science research to communicate more effectively, increasing access to existing tools, helping communities identify needs and solutions, and storm recovery including work by Texas Sea Grant to get fishermen back to work following Hurricane Harvey.

## Environmental Literacy and Workforce Development



**2,313**  
Undergraduate and graduate students supported

Sea Grant work to advance environmental literacy and workforce development includes: fellowship opportunities, on-the-job training, support for undergraduate and graduate research, experiential education programs, educational tourism programs, and teacher training workshops such as the one offered by Delaware Sea Grant in summer 2017.