



Sea Grant

Sea Grant
Science Serving America's Coasts

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February 9, 2016

Sea Grant's Mission

Enhance the practical use and conservation of coastal, marine and Great Lakes resources to create a sustainable economy and environment



Sea Grant's Role

Sea Grant is a federal-state partnership that turns research into action supporting science-based, sustainable practices to ensure our coastal communities remain engines of economic growth in a rapidly changing world.

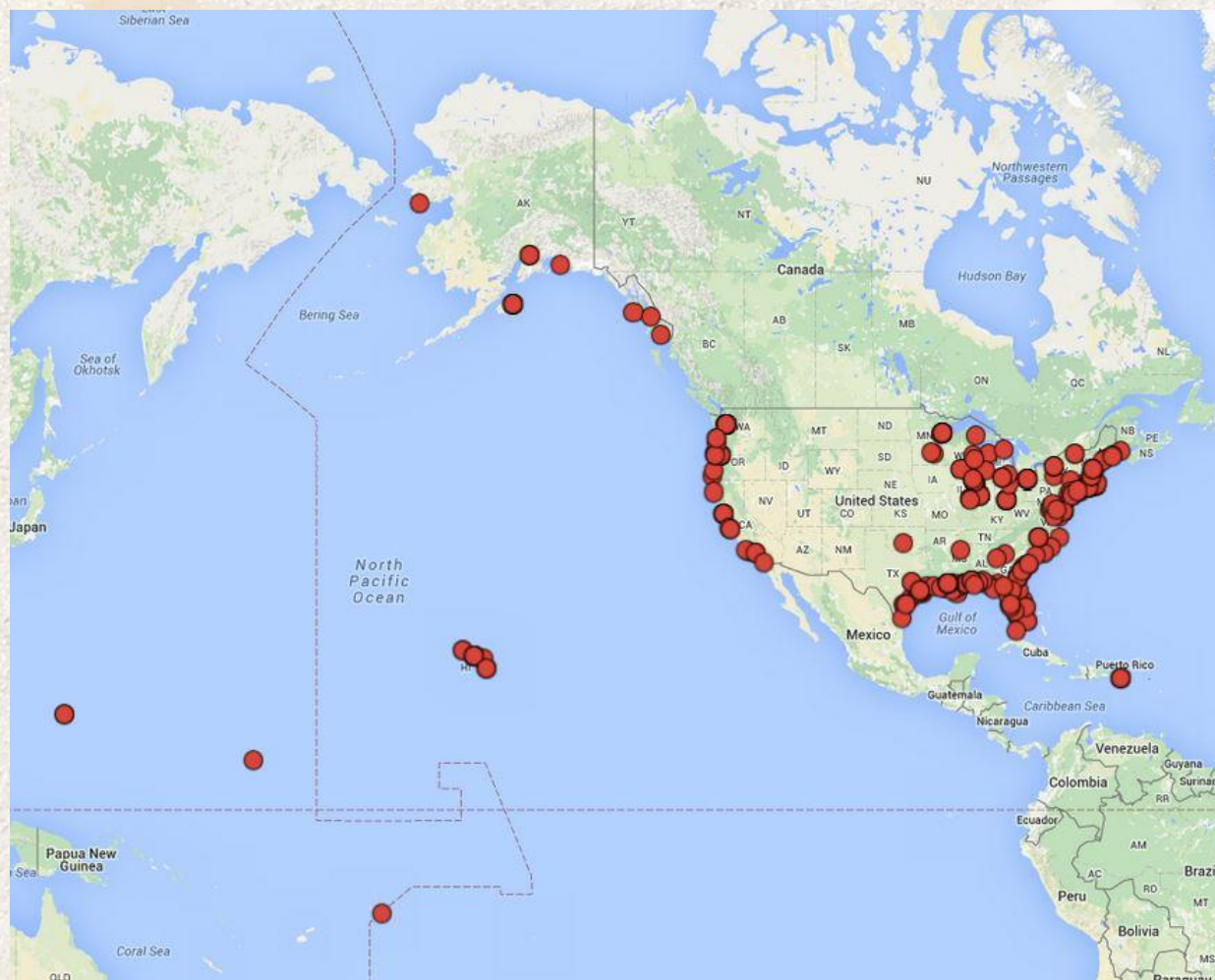


What is Sea Grant?



Based at universities across the country, Sea Grant works to provide research and outreach that help build and grow innovative businesses along America's oceans and Great Lakes, protect against environmental destruction and natural disasters, and train the next generation of leaders.

Where we work



<http://seagrants.noaa.gov/WhereWeWork/SeaGrantPrograms.aspx>

Sea Grant

Return on Investment

There is at least one dollar of state and local matching funds for every two federal dollars spent.

The work Sea Grant does earns a 750 percent return on federal investment, creating jobs, and ensuring Americans can live near, vacation at, and earn a living from our oceans and Great Lakes for generations to come.



For more performance measures and metrics:

<http://seagrants.noaa.gov/WhatWeDo/PerformanceMeasuresandMetrics.aspx>

Sea Grant's Niche

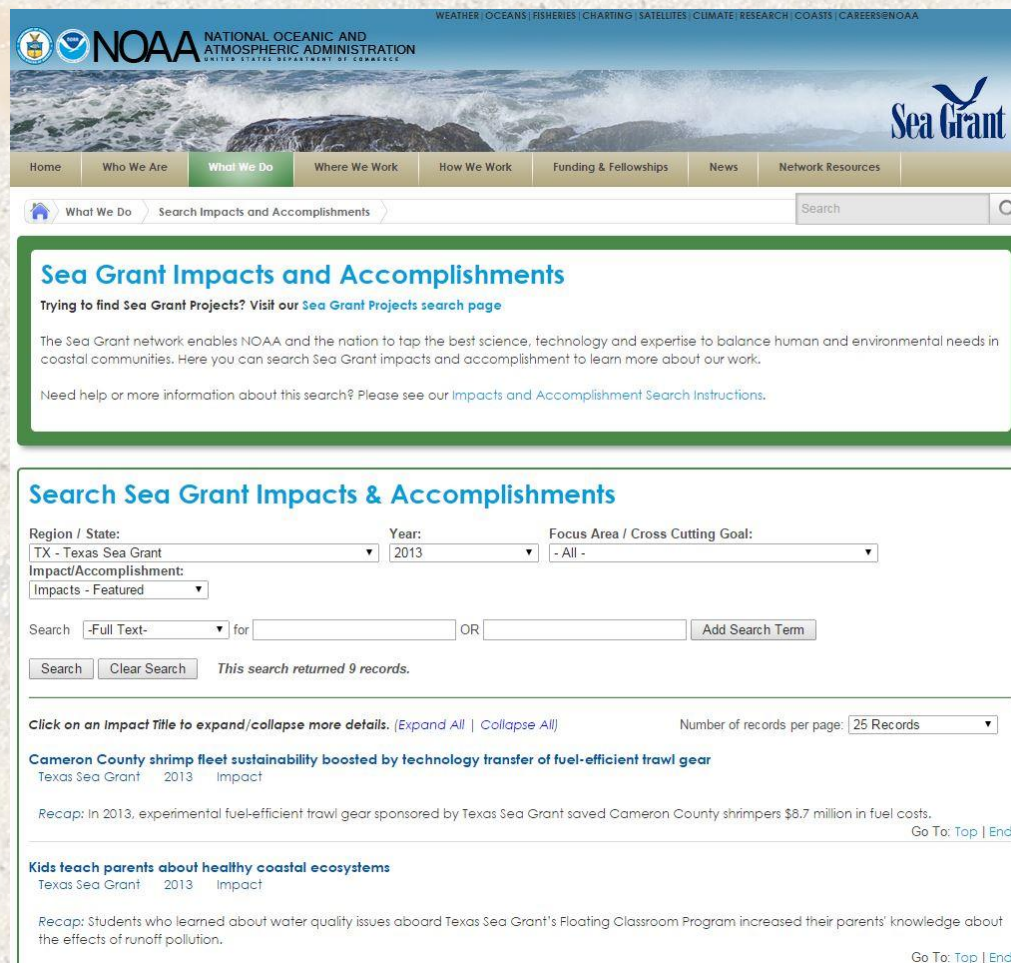
- **Sea Grant provides relevant and timely information**
 - Research based on urgent needs of coastal managers and residents
 - Place-based science
- **Sea Grant gets information to users**
 - Outreach network puts research results to use
- **Sea Grant is well respected & consistent**
 - Permanent, full-time extension agents
 - Long-term investments



What does Sea Grant offer to NOAA and other Federal Agencies?

- **Engagement with universities** – applied to oceans, coasts, Great Lakes
- **Stable national infrastructure** – **1000 university employees** on the ground in every coastal state and territory in the U.S.
 - Draws on more than **2,500** scientists, engineers, law and policy specialists, public outreach experts, educators and students from more than **200 institutions**
- Support for **250-300 research projects** annually – about **1000 graduate students** and nearly **400 research FTEs**
- Work with over **300 industry partners** and **1000 local, state, and regional partners**

Search Impacts and Projects



WEATHER | OCEANS | FISHERIES | CHARTING | SATELLITES | CLIMATE | RESEARCH | COASTS | CAREERS@NOAA

NOAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
UNITED STATES DEPARTMENT OF COMMERCE

Sea Grant

Home Who We Are What We Do Where We Work How We Work Funding & Fellowships News Network Resources

What We Do Search Impacts and Accomplishments Search

Sea Grant Impacts and Accomplishments

Trying to find Sea Grant Projects? Visit our [Sea Grant Projects search page](#)

The Sea Grant network enables NOAA and the nation to tap the best science, technology and expertise to balance human and environmental needs in coastal communities. Here you can search Sea Grant impacts and accomplishment to learn more about our work.

Need help or more information about this search? Please see our [Impacts and Accomplishment Search Instructions](#).

Search Sea Grant Impacts & Accomplishments

Region / State: TX - Texas Sea Grant Year: 2013 Focus Area / Cross Cutting Goal: - All -

Impact/Accomplishment: Impacts - Featured

Search -Full Text- for OR Add Search Term

Search Clear Search This search returned 9 records.

Click on an Impact Title to expand/collapse more details. (Expand All | Collapse All) Number of records per page: 25 Records

Cameron County shrimp fleet sustainability boosted by technology transfer of fuel-efficient trawl gear
Texas Sea Grant 2013 Impact

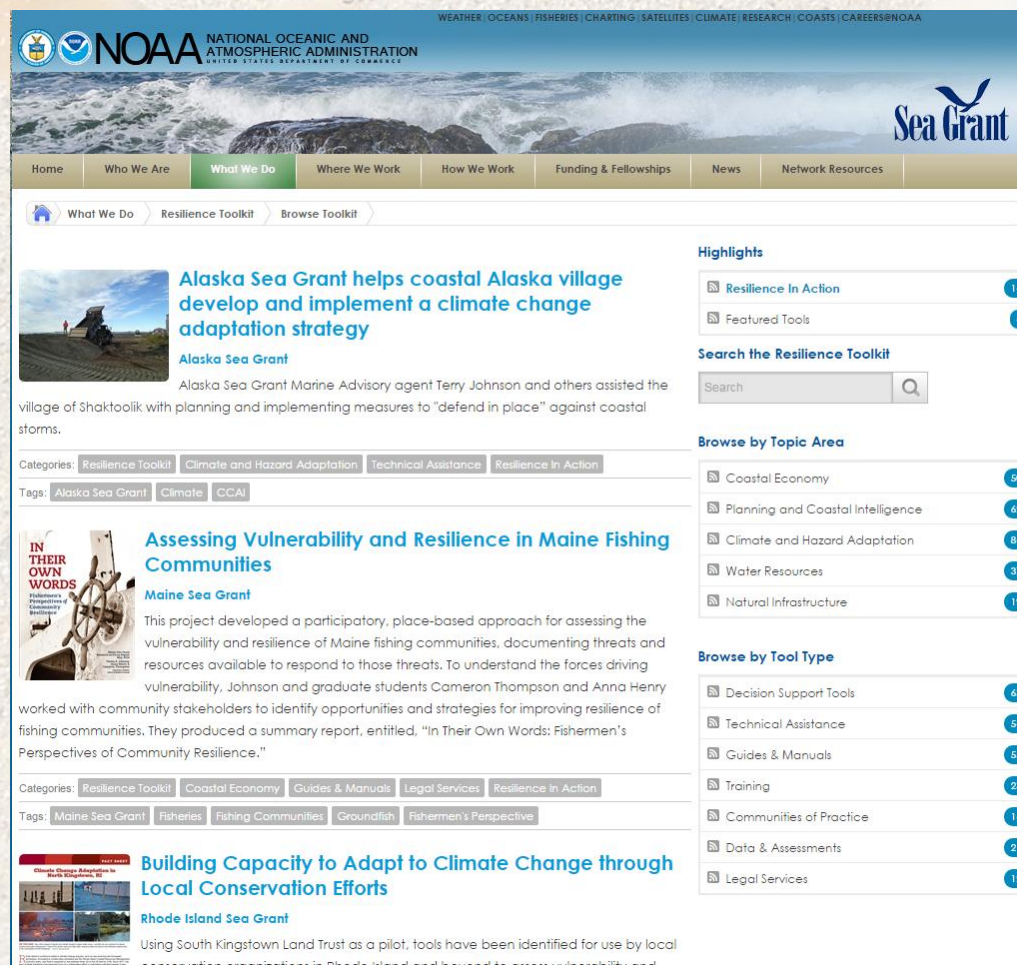
Recap: In 2013, experimental fuel-efficient trawl gear sponsored by Texas Sea Grant saved Cameron County shrimpers \$8.7 million in fuel costs.
Go To: Top | End

Kids teach parents about healthy coastal ecosystems
Texas Sea Grant 2013 Impact

Recap: Students who learned about water quality issues aboard Texas Sea Grant's Floating Classroom Program increased their parents' knowledge about the effects of runoff pollution.
Go To: Top | End

<http://seagrant.noaa.gov/WhatWeDo/SearchImpactsandAccomplishments.aspx>
<http://seagrant.noaa.gov/WhatWeDo/Searchprojects.aspx>

Sea Grant Resiliency Toolkit



The screenshot shows the NOAA Sea Grant Resiliency Toolkit website. The header includes the NOAA logo and the text "NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION" and "UNITED STATES DEPARTMENT OF COMMERCE". The main navigation bar has links for Home, Who We Are, What We Do (selected), Where We Work, How We Work, Funding & Fellowships, News, and Network Resources. Below the navigation bar, there is a breadcrumb trail: What We Do > Resilience Toolkit > Browse Toolkit. The main content area features three featured articles:

- Alaska Sea Grant helps coastal Alaska village develop and implement a climate change adaptation strategy** by Alaska Sea Grant. The article describes how Alaska Sea Grant Marine Advisory agent Terry Johnson and others assisted the village of Shaktoolik with planning and implementing measures to "defend in place" against coastal storms.
- Assessing Vulnerability and Resilience in Maine Fishing Communities** by Maine Sea Grant. The article describes a participatory, place-based approach for assessing the vulnerability and resilience of Maine fishing communities, documenting threats and resources available to respond to those threats.
- Building Capacity to Adapt to Climate Change through Local Conservation Efforts** by Rhode Island Sea Grant. The article describes how tools have been identified for use by local conservation organizations in Rhode Island and beyond to assess vulnerability and

On the right side of the page, there are three sections:

- Highlights:** Resilience In Action (14), Featured Tools (4).
- Search the Resilience Toolkit:** A search bar with a magnifying glass icon.
- Browse by Topic Area:** Coastal Economy (50), Planning and Coastal Intelligence (62), Climate and Hazard Adaptation (86), Water Resources (37), Natural Infrastructure (19).
- Browse by Tool Type:** Decision Support Tools (63), Technical Assistance (54), Guides & Manuals (55), Training (23), Communities of Practice (14), Data & Assessments (21), Legal Services (12).

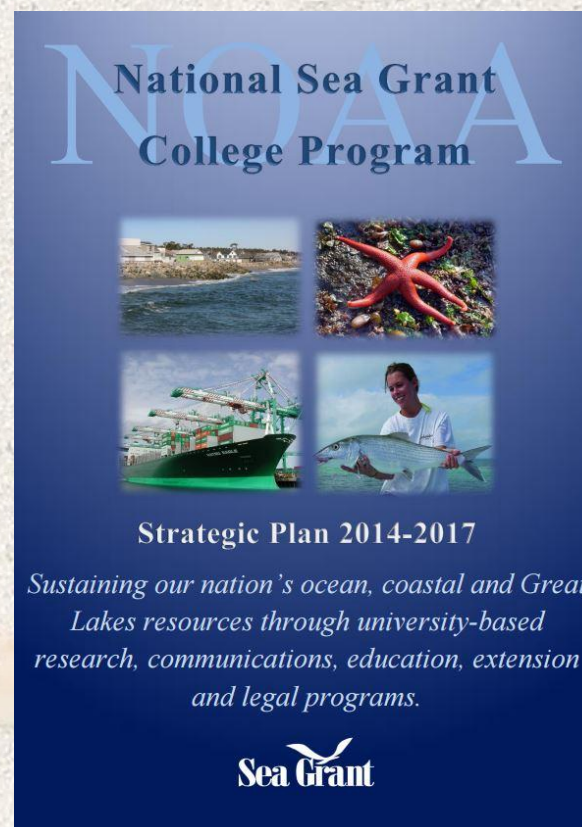
<http://seagrants.noaa.gov/WhatWeDo/ResilienceToolkit.aspx>

Sea Grant

2014-2017 Strategic Plan

National Focus Areas (2014-2017)

- Resilient Communities and Economies
- Sustainable Fisheries & Aquaculture
- Healthy Coastal Ecosystems
- Environmental Literacy & Workforce Development



<http://seagrants.noaa.gov/WhoWeAre/StrategicPlan.aspx>

Questions?

Website: <http://seagrant.noaa.gov>

Twitter: <http://twitter.com/SeaGrant>

Facebook: <http://www.facebook.com/NOAA.SeaGrant>