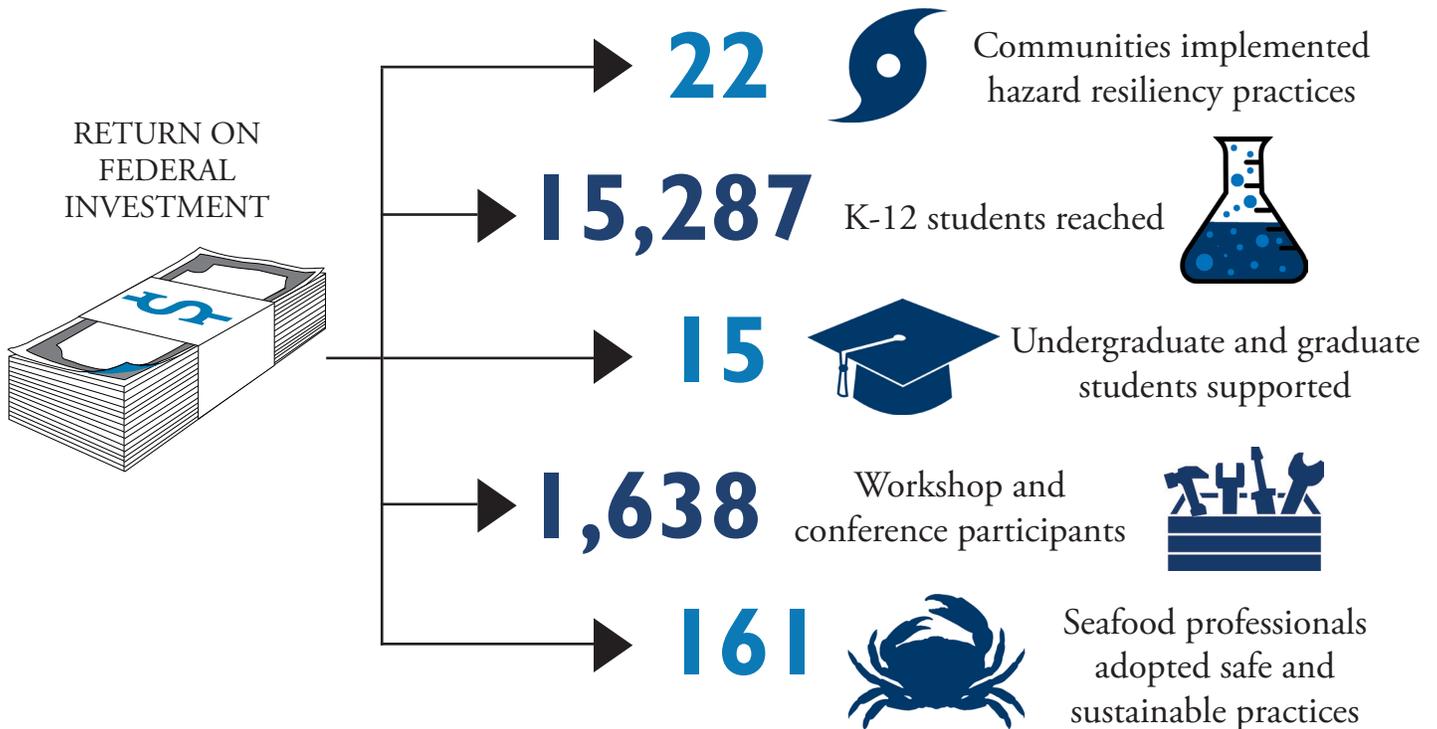


DELAWARE SEA GRANT



\$178,000
economic impact in 2015

*Metrics reported to National Office in June 2016
for work completed Feb 2015 to Jan 2016.*



Delaware Sea Grant helps revitalize working waterfront community; new business comes to town

“The waterfront redevelopment project along the Broad Creek provides many opportunities that can really help support economic redevelopment and preservation of the Broad Creek shoreline and area open space.”

- Don phillips,
Laurel Town Councilman

Delaware Sea Grant and a University of Delaware Landscape Architect associate professor produced a development plan to revitalize Laurel’s Broad Creek waterfront and provide specific landscape design guidance. Sea Grant helped organize a one-day event that created temporary, physical representations of the design components. The event attracted about 700 people who enjoyed the sights, sounds, taste, feel and experience of a one-day, revitalized downtown waterfront. The event resulted in the addition of a new business that saw potential for a growing community.

deseagrant.org/news/ramble-broad-creek



Wind turbine supports the electrical needs of a University of Delaware campus.
Credit: Delaware Sea Grant

“Since we have a working turbine, we can supplement concepts and activities [students] have done in the classroom with information and experiences they can only get at our site.”

- Chris Petrone,
Delaware Sea Grant

Delaware Sea Grant survey reveals strong public support for wind turbines

Delaware Sea Grant has consistently provided support for social science, policy, and marine research to inform the development of the region’s substantial offshore wind resources. Upon completion of a Sea Grant research project that found support to pay for clean energy among Delawareans, a unique joint venture was established between the University of Delaware and Gamesa Technologies, Inc., called First State Marine Wind, which provided the organizational structure necessary to install and operate the first commercial-scale turbine on the east coast.

Seed funding provided by Delaware Sea Grant was critical in the development of First State Marine Wind. The turbine became operational in June 2010 and since then has provided power sufficient to power the University of Delaware Lewes campus, as well as an average of 50 homes per year.
udel.edu/udaily/2014/nov/sea-grant-wind-111213.html

Delaware Sea Grant informs restoration efforts after Superstorm Sandy

Delaware is experiencing sea level rise, and shorelines along Delaware Bay have undergone rapid erosion since the high tides during Superstorm Sandy. Restoration efforts totaling more than \$68M are underway to protect coastal residents and ecosystems from sea level rise, including National Wildlife Refuge lands.

Data and research expertise provided by Delaware Sea Grant are being directly applied by restoration project managers to ensure the best possible outcomes for habitat protection and shoreline management in Delaware. From locally-collected sediment transport and sedimentation data, to computer simulation models of flooding, Delaware Sea Grant’s investments in applied research are improving the management of coastal environments and restoration efforts.
deseagrant.org/research/sea-grant-focus-area-resilient-communities-and-economies



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