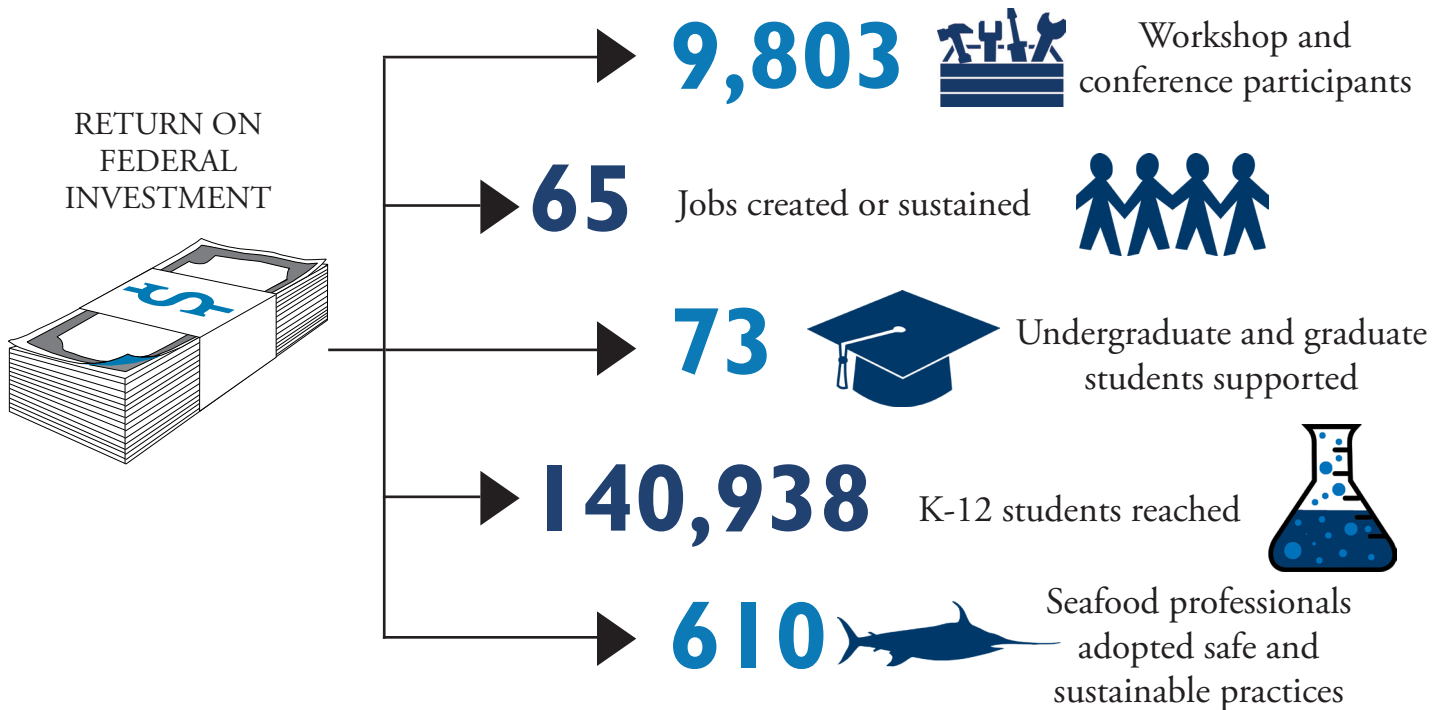


HAWAI'I SEA GRANT

\$4.4 M
economic impact in 2015

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



Sea Grant will save University of Hawai'i an estimated \$2.3 million in energy costs over the next 20 years



One of two net zero energy buildings at the University of Hawai'i.
Credit: University of Hawai'i

Utility customers in Hawai'i pay the highest cost for electricity in the nation. Facing annual electricity bills of over \$25 million, the University of Hawai'i instituted the first renewable energy power purchase agreement with the help of Hawai'i Sea Grant in 2015. The 222 kilowatt solar energy system generates about 30 percent of the Hawai'i Institute of Marine Biology's energy needs and will save the university an estimated \$2.3 million over the life of the 20-year contract. sbcd.seagrant.soest.hawaii.edu



“Sea Grant provided me with unparalleled training in observing, measuring, and understanding complex dynamics between the ocean, atmosphere, and marine life.”

**- Kimberly Thomas, PhD,
A.W. Mellon Postdoctoral Fellow**

Hawai'i Sea Grant received an \$845,160 external grant to prepare for coastal hazards.
Credit: Hawai'i Sea Grant

Sea Grant informs a housing development project expected to create 34,000 jobs in Honolulu

A housing shortage and increased traffic congestion in Honolulu, Hawai'i sparked the construction of an 11,500-unit housing development. Hawai'i Sea Grant engaged the Environmental Protection Agency's Office of Sustainable Communities, the city's planning department, local and national developers including D. R. Horton, and several community and transportation design firms to provide state-of-the-art community design expertise.

As a result of Sea Grant's efforts, the new development was redesigned to minimize its coastal environmental impacts and received approval from the state of Hawai'i Land Use Commission to reclassify 1,500 acres of agricultural lands for development. The project is expected to create 27,000 jobs in construction over a 20-year period, as well as 7,000 permanent jobs.

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Sea Grant education program revives coral reef, bringing back tourists to Hanauma Bay

The Hanauma Bay Nature Preserve is a popular visitor destination on the island of Oahu, Hawai'i and engages about 3,000 local, regional and international visitors a day. Years of neglect and abuse from the millions of visitors who love to snorkel Hanauma Bay led to the creation of the Hanauma Bay Education Program in 1990.

Hawai'i Sea Grant has managed the daily operation of the education program since it began and provides resources to enhance ocean literacy and promote marine resource conservation. Since 2002, the program has educated over 10.5 million visitors, hosted nearly 4,000 school groups or other organizations, and has benefited from nearly 160,000 volunteer hours to maintain a healthy beach and coral reef environment that millions of educated visitors can enjoy.

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