

WASHINGTON SEA GRANT

BY THE NUMBERS*

One of 33 Sea Grant programs across the nation funded through NOAA, Washington Sea Grant helps people and marine life thrive by providing research, technical expertise and education supporting the responsible use and conservation of ocean and coastal ecosystems.

61.2 million

in services and economic benefits to Washington State

513,000

coastal residents, boaters, fishermen, shellfish growers, small business owners, natural resource managers, coastal planners and K-12 students reached

64,900

volunteer hours contributed, valued at \$1.8 million

1,300

partners from government, academic, industry and nongovernmental sectors

256

ecosystem-based management tools, technologies and information services developed

151

communities implemented sustainable development practices/policies

"AS A COASTAL CITY, TACOMA FACES COMPLEX AND REAL THREATS FROM CLIMATE CHANGE AND SEA LEVEL RISE. MEETING THESE THREATS CAN ONLY BE ACHIEVED BY WORKING IN PARTNERSHIP WITH SKILLED EXPERTS, SUCH AS WASHINGTON SEA GRANT."

Jeanne Walter, Office of Environmental Policy and Sustainability, City of Tacoma





WASHINGTON SEA GRANT RESEARCH AND OUTREACH MILESTONES

PROTECTING LIVES AND PROPERTY

- ♦ **1,670** fishermen trained in marine safety, rescue, first aid, weather and marine technology, saving lives and making fishing more efficient
- ♦ **\$1.7 million** saved in reduced gear losses and boat repairs thanks to WSG-facilitated voluntary towboat lanes

SUPPORTING SUSTAINABLE FISHERIES AND AQUACULTURE

- ♦ An estimated **150,400** albatrosses and other seabirds saved in the 14 years since streamer lines were adopted in Alaska's **\$400 million** longline fisheries
- ♦ Washington's **\$108 million, 44,000-ton** shellfish industry directly benefits from WSG research and technical assistance
- ♦ Aquaculture pilot is scheduled to produce at least **8,000** market size fish valued at **\$154,000** as initial step for U.S. entry into **\$17 million** international sablefish export market

BUILDING COASTAL BUSINESSES AND SUSTAINING JOBS

- ♦ **649** commercial and tribal fishermen trained in fish handling techniques, product safety and direct marketing, resulting in nearly **\$1 million** in increased revenues
- ♦ **\$4.2 million** in funding secured with WSG assistance for pumpout services and marina operations and maintenance

"WASHINGTON SEA GRANT PROVIDES AN IMPORTANT LINK BETWEEN FISHERMEN AND THE PUBLIC. I HAVE BEEN SELLING SALMON TO GROCERY STORES AND RESTAURANTS FOR OVER 35 YEARS AND I REGULARLY RELY ON WASHINGTON SEA GRANT INFORMATION TO EDUCATE MY CUSTOMERS ON THE IMPORTANT ROLE THAT LOCAL FISHERIES PLAY IN THE WASHINGTON ECONOMY."

Robert Sudar, owner, Fall Creek Company

RESPONDING TO ENVIRONMENTAL CHALLENGES

- ♦ **7,000-foot, \$400 million** Seattle seawall includes textured relief panels designed to improve marine habitat for migrating salmon and other life
- ♦ **21,100** trap hours over two years resulted in the first detection of the invasive European green crab in Puget Sound
- ♦ **10 million** gallons of sewage diverted to shoreside pumpout stations by boaters in 2016 — a **100 percent** increase from 2012

EDUCATING FUTURE OCEAN LEADERS

- ♦ **428** university students and fellows supported through research grants and five fellowship programs
- ♦ **37,700** K-12 students engaged in beach walks, school events, festivals and informal education programs

*Numbers are for 2012-2016 unless specified otherwise.

FOR MORE INFORMATION

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