

# 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.

**\$49.1 million**

in services and economic benefits to Washington State

**493,000**

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

**61,061**

volunteer hours contributed, valued at \$1.56 million

**1,300**

partners from government, academic, industry and nongovernmental sectors

**273**

ecosystem-based management tools, technologies and information services developed

**115**

communities implemented sustainable development practices/policies

*“I want to let you know how valuable your information is to our business leaders. We own and operate four marinas in Puget Sound and pay special attention every quarter to your reports. These services fulfill critical needs.”*

Dwight Jones, Manager,  
Elliott Bay Marina





## WASHINGTON SEA GRANT RESEARCH AND OUTREACH MILESTONES

### PROTECTING LIVES AND PROPERTY

- ◆ **1,737** 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

### BUILDING COASTAL BUSINESSES AND SUSTAINING JOBS

- ◆ **668** commercial and tribal fishermen trained in fish handling techniques, product safety and direct marketing, resulting in more than **\$1 million** in increased revenues
- ◆ **\$3.3 million** in funding secured with WSG assistance for pumpout services and marina operations and maintenance

*“We ran aground on final day of a four day run and within a half hour she was lost. We kept our cool, no one argued and we abandoned ship safely — our crew knew what to do because we had taken various safety classes from Washington Sea Grant.”*

Brad Jensen, Captain of the Al Debaran, Ketchikan, AK and Seattle, WA

### RESPONDING TO ENVIRONMENTAL CHALLENGES

- ◆ **100%** of salmon deaths prevented in research tests of stormwater filtration systems now in use by road construction and landscaping industry
- ◆ New **7,000-foot, \$400 million** Seattle seawall includes textured relief panels designed to improve marine habitat for migrating salmon and other life
- ◆ Campaign to stop dumping of **37.9 million** gallons of sewage from recreational boats into Washington waters
- ◆ **21,112** trap hours over two years resulted in the first detection of the invasive European green crab in Puget Sound

### EDUCATING FUTURE OCEAN LEADERS

- ◆ **477** university students and fellows supported through research grants and five fellowship programs
- ◆ **31,853** K-12 students engaged in beach walks, school events, festivals and informal education programs

\*Numbers are for 2011 – 2015, unless specified otherwise.

### FOR MORE INFORMATION

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