

By the Numbers

One of 34 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.

BETWEEN 2022-2025, EXAMPLES OF WSG'S IMPACT INCLUDE:



NEARLY

\$1 billion

in economic benefits



NEARLY

87,000

volunteer hours valued at

\$3.5 million



MORE THAN

1,400

jobs created or sustained



MORE THAN

1.7 million

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



207

undergraduate and graduate students and fellows supported

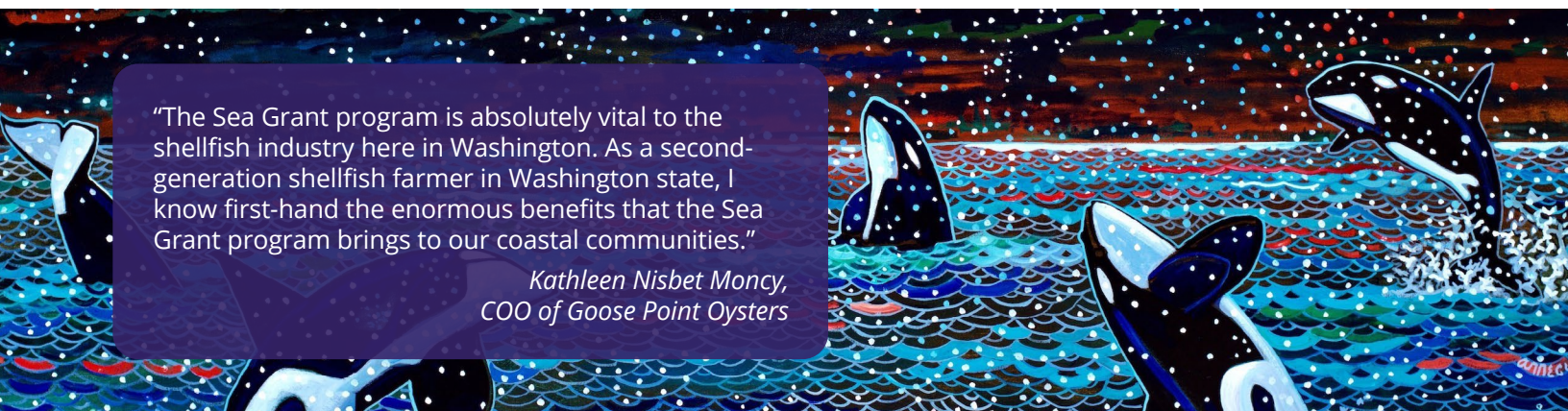


310

communities implemented sustainable development practices and policies

"The Sea Grant program is absolutely vital to the shellfish industry here in Washington. As a second-generation shellfish farmer in Washington state, I know first-hand the enormous benefits that the Sea Grant program brings to our coastal communities."

*Kathleen Nisbet Moncy,
COO of Goose Point Oysters*





WASHINGTON SEA GRANT

Research and Outreach Milestones

PROTECTING LIVES AND PROPERTY

- ♦ **414** fishermen trained in marine safety, rescue, first aid, weather and marine technology
- ♦ With a **10-14 percent** chance of a magnitude 9 earthquake occurring on the Cascadia Subduction Zone in the next 50 years, WSG tsunami research and outreach helps people better understand and prepare for the associated risks
- ♦ **\$6 million** saved annually in reduced gear losses and boat repairs thanks to WSG-facilitated voluntary towboat lanes

SUPPORTING SUSTAINABLE FISHERIES AND AQUACULTURE

- ♦ A survey of the Pacific aquaculture industry found that **72%** of shellfish businesses are interested in a new approach developed through WSG funding that pre-conditions broodstock to acidified waters
- ♦ Through strategic monitoring at **35** sites, the SoundToxins program provides early warning of harmful algal blooms. In the summer of 2026, a SoundToxins monitor was the first to detect the presence of paralytic shellfish poisoning in Hood Canal, leading to prompt shellfish harvesting closures that potentially saved lives
- ♦ Over **20** representatives from Pacific Northwest Tribal Nations and Pacific Rim Indigenous cultures meet quarterly for a cross-Pacific regional collaborative effort led by WSG to advance sustainable Indigenous aquaculture practices, including traditional fish ponds and clam gardens
- ♦ With **27** member organizations, the Willapa-Grays Harbor Estuary Collaborative was launched in 2022 by WSG, providing support to one of the largest cultivated oyster producing areas in the country

BUILDING COASTAL BUSINESSES AND SUSTAINING JOBS

- ♦ More than **\$6 million** in funding secured with WSG assistance for pumpout services and marina operations and maintenance
- ♦ By providing **63** managers with resources, knowledge and skills to enhance employee retention, the Tide's Out program supported over **\$16 million** worth of jobs in the shellfish industry in its first two years
- ♦ **15** coastal counties had access to WSG's Economic Dashboard, providing essential economic data that informs local decision-making and fosters economic resilience

RESPONDING TO ENVIRONMENTAL CHALLENGES

- ♦ More than **2 million** invasive green crab were caught by partners in 2026 with technical support from WSG Crab Team
- ♦ Through the Coastal Hazards Organizational Resilience Team (COHORT), WSG helped communities and Tribes secure more than **\$85 million** in federal funding in 2025 for resilience projects and planning efforts
- ♦ WSG leads the Pacific Northwest Marina Carbon Dioxide Removal (mCDR) Node, a community of practice that has grown to **195** members working to address the impacts of ocean carbon
- ♦ The WSG King Tides Program engaged community members through MyCoast.org, where users have uploaded more than **1,400** photos of king tides that have helped scientists, planners and the public visualize sea level rise

EDUCATING FUTURE OCEAN LEADERS

- ♦ More than **7,100** K-12 students engaged in beach walks, school events, festivals and informal education programs
- ♦ WSG piloted the NOAA Science Camp Aquaculture Mini Session in 2025, through which **50** middle school students learned about shellfish science, seafood production, and aquaculture careers

*Numbers are for 2022-2025 unless otherwise specified