



# 2016–17 Annual Report Highlights

**\$12,856,534**

Economic benefits from Oregon Sea Grant activities

**159,730**

People engaged in Oregon Sea Grant-supported informal education

**45,707**

Preschool through 12th-grade students reached directly or through Oregon Sea Grant-trained educators

**10,443**

Hours contributed by volunteers and citizen scientists

**39**

Oregon Sea Grant-funded student scholars who landed jobs related to their degrees within two years of graduating

**67**

Products, technologies, educational materials, and models created with funding from Oregon Sea Grant and used by others

**42**

Higher-education degrees awarded to Oregon Sea Grant-funded scholars

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# 2016–17 Select Achievements

## Helping Oyster Growers

Oregon Sea Grant researchers helped inform oyster planting strategies and mitigate ocean acidification and other environmental stressors' effects on oyster production by modifying existing, laboratory-based techniques, and by developing an easy-to-use, inexpensive, hand-held visual screening tool that oyster growers can use to assess the condition of oyster seed and newly settled juveniles in real time. <http://bit.ly/2us6MWR>

## Hooking Students on Marine Science

Oregon Sea Grant sponsored four high-schoolers, one undergraduate student, and three high-school teachers for a three-day research cruise aboard an Oregon State University ship. Participants learned about marine-related careers, observed more than 500 marine mammals, and deployed instruments to sample water and plankton. <http://bit.ly/2tyZA6F>

## Predicting Estuary Flooding

An innovative modeling approach supported by Oregon Sea Grant better predicts coastal estuary flooding to inform state and local development planning in response to a changing climate. The Oregon Department of Geology and Mineral Industries (DOGAMI) incorporated the modeling results into 100-year GIS flood maps for these estuaries. The DOGAMI “Statewide Geohazards Viewer” is available at <http://bit.ly/2vIDgi8>

## Keeping Waterways Clean

Oregon Sea Grant expanded on its coastal efforts by conducting water quality outreach and training with 641 recreational boaters and marina facility staff on inland waterways in the Willamette Valley and on the Columbia River. In addition, Oregon Sea Grant produced a series of instructional videos to support marina employees responsible in Oregon and nationwide for keeping pumpout and portable-toilet dump stations in working order: <http://bit.ly/2unlhdQ>

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