



Washington Sea Grant

Knowledge for Use in the Marine Environment

Washington Sea Grant is a catalyst for marine research and innovative education and outreach. Our specialists translate research findings into practical information and decision-making tools to meet the needs of ocean users in Washington state, across the nation and throughout the world.

Over the past five years, Sea Grant staff has cooperated with 22 cities, 15 port districts, 15 coastal counties, almost all Washington tribes, 45 federal and 13 state agencies and scores of school districts, businesses and non-profit organizations.

Our commitment to our constituents is helping to ensure that Washington's \$7.5 billion ocean economy — the fifth largest in the United States — will remain robust and environmentally sound.



Washington Sea Grant-funded projects in shellfish farming and commercial fishing help manage marine resources while supporting the region's economy and culture. With annual harvests of more than 85 million pounds, Washington is now the nation's top producer of oysters and clams — thanks in part to Sea Grant research, outreach and education efforts.



Established in 1968, Washington Sea Grant began as a federal experiment in local investment, building on the University of Washington's academic strengths in marine science, engineering and policy. In 1971, it became one of the first four programs designated nationally as a Sea Grant College. Today, it is part of a national network of 31 Sea Grant Colleges administered by the National Oceanic and Atmospheric Administration, U.S. Department of Commerce.

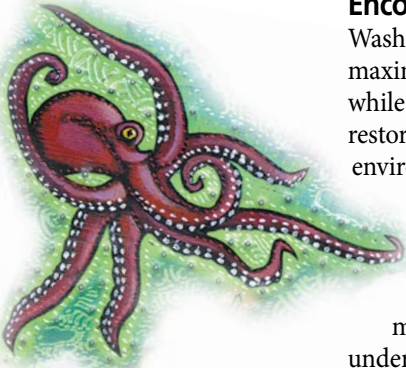


Encouraging Pathfinders and Pioneers

Washington Sea Grant-sponsored research maximizes the productive use of marine resources while preserving and, if necessary, helping to restore the essential qualities of a healthy marine environment.

We've helped to devise new technologies and techniques to assess endangered and threatened salmon and herring populations, manage Northwest aquaculture and fisheries, understand cycles of climatic change in the Pacific Ocean and derive cancer-fighting medicine from sea sponge symbionts.

The program's climate of innovation inspires both faculty and their assistants — more than 700 students from more than a dozen academic departments in one year alone.



Outreach and Education: Sharing a Wealth of Knowledge

Washington Sea Grant's Marine Advisory Services program links university resources and expertise with local communities and user groups.

A network of campus- and community-based specialists assists Sea Grant constituents in aquaculture, fisheries, coastal economic development, coastal tourism, ports and marine transportation, water quality, small oil spill prevention, aquatic invasive species control, safety at sea and marine technology training.

Water quality field agents and education specialists foster awareness among constituents of all ages and interests. Last year, they held a total of 312 education events with almost 8,000 participants.



Seed money from Washington Sea Grant has supported the NEPTUNE project's efforts to establish underwater observatories within the depths of the northeastern Pacific Ocean. Insights from this project are shedding light on the origins of life on our planet and, possibly, other worlds.



Through Sea Grant's Simple Techniques program, 4,000 fine-mesh screens for kitchen sink drains were distributed to households in the Hood Canal watershed. This lessened the flow of nitrogen from failing septic systems into one of the state's most productive waterways. Not only did the effort remove nitrogen from the system, it increased community awareness — that individual actions *do* make a difference.





Communicating with Constituents

Washington Sea Grant Communications keeps the public informed about current research and technology and promotes the understanding of marine issues among industry, educators and marine resource users.

The Communications office maintains a publications database, produces and distributes informational brochures, pamphlets and books, creates public exhibits and responds to media inquiries about Sea Grant activities and research.

Communications has shared its expertise with the Puget Sound Nearshore Partnership, NOAA's Northwest Fisheries Science Center and the University of Washington's College of Ocean and Fishery Sciences, helping them inform their constituents about harmful algal blooms and other important marine issues.

Opportunities for Career Enhancement and Academic Growth

Through fellowships and internships, Washington Sea Grant provides prime opportunities for graduate students to expand their research horizons and enhance their careers.

By participating in these programs, students and recent graduates gain invaluable first-hand experience in industrial design and marine product development or in the challenges faced by managers of our nation's coasts. Some study population dynamics of endangered or threatened fish and mammals at sea. Others work with legislators and federal agency staff on issues that directly affect ocean resources and the environment.

By facilitating such personal growth, our program is shaping the future of ocean science and marine policy, nationally and internationally.



"If there is magic on this planet, it is contained in water," wrote naturalist Loren Eiseley. Education and outreach activities help encourage stewardship of marine habitats and inspire a sense of wonder. Washington Sea Grant staff members are familiar figures at water quality festivals and fairs, hands-on workshops and NOAA's summer science camp for kids.



Marine Advisory Services staff has helped curb the accidental capture of the highly endangered short-tailed albatross by commercial fishermen in Alaska. This cooperative activity led to new fishing regulations and circumvented potential lawsuits that might have shut down a \$300 million fishery. Techniques derived from this project could save at least 80,000 seabirds over the next decade.



A solid base in research, a highly qualified staff of outreach and education specialists and a strong commitment to creativity and innovation — these attributes are keeping Washington Sea Grant in the forefront, offering guidance and support on a broad range of marine environmental and resource issues. We stand by our slogan: "Knowledge for use in the marine environment."



Directory

Washington Sea Grant
College of Ocean and Fishery
Sciences
University of Washington
3716 Brooklyn Avenue N.E.
Seattle, WA 98105-6716

206.543.6600
206.685.0380 fax
seagrant@u.washington.edu
wsg.washington.edu



WSG-PM 06-01 2/07



Management/ Administration

Penelope D. Dalton
Director
206.685.9215
pdalton@u.washington.edu

Raechel Waters
Associate Director
206.685.8209
rlwaters@u.washington.edu

Kathi Cowden
Fiscal Specialist
206.543.6600
kcowden@u.washington.edu

Julie Hahn
Operations Manager
Education Coordinator
206.685.9117
jkhahn@u.washington.edu

C. Alan Krekel
Administrator
206.543.9966
krekel@u.washington.edu

Nancy Reichley
Education Specialist
206.685.8302
reichn@u.washington.edu

Michelle Wainstein
Regional Research Coordinator
206.616.9568
mwain@u.washington.edu

Communications

Daniel H. Williams
Communications Manager
206.616.6353
dw7@u.washington.edu

David G. Gordon
Science Writer
206.685.8191
davidg@u.washington.edu

Robyn Ricks
Creative Services Specialist
206.685.2607
robyn@u.washington.edu

Marine Advisory Services

Pete Granger
Program Leader for Marine
Advisory Services
206.685.9261
pgranger@u.washington.edu

Jeff Adams
Marine Water Quality Specialist
360.337.7170
jaws@u.washington.edu

Jim Brennan
Marine Habitat Specialist
206.616.3368
jbren@u.washington.edu

Ginny Broadhurst
Marine Conservation Specialist
360.708.3559
broadhurst@nwstraits.org

Kim Dietrich
Marine Conservation Specialist
206.616.1260
kdiet@u.washington.edu

Sarah Fiskén
Fisheries Program Coordinator
206.543.1225
sfiskén@u.washington.edu

Steve C. Harbell
Marine Field Agent
360.875.9331
sharbell@u.washington.edu

Russell P. Herwig
Research Associate, Ballast
Water Issues
206.685.2163
herwig@u.washington.edu

Teri King
Marine Water Quality Specialist
360.432.3054
guatemala@u.washington.edu

Janis McNeal
Program Assistant
360.432.3054
jmcneal@u.washington.edu

Ed Melvin
Marine Fisheries Scientist
206.543.9968
emelvin@u.washington.edu

Eric Olsson
Oil Spill Prevention Education
Specialist
206.543.6600
olsson@u.washington.edu

*Whatcom County Water
Resources Educator to be
announced.*

