



## About WHOI Sea Grant

WHOI Sea Grant is part of a nationwide network of 34 NOAA-funded Sea Grant college programs. It is based at the Woods Hole Oceanographic Institution on Cape Cod in Massachusetts.

## Economic and societal benefits

- Creates and sustains jobs
- Helps create and sustain businesses
- Trains the next generation of scientists
- Fosters environmental awareness



WHOI Sea Grant  
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**Putting science to work**  
for Massachusetts' coastal communities



# RESEARCH

**WHOI Sea Grant** supports the work of scientists and researchers in a wide variety of disciplines from institutions throughout Massachusetts and beyond. **Sea Grant researchers** conduct cutting-edge work in the areas of fisheries and aquaculture, storms, erosion, flooding, marine life, marine debris, energy sources, climate change, water quality, and tourism.

Our research supports four broad areas of national importance:

- Resilient communities and economies
- Healthy coastal ecosystems
- Sustainable fisheries and aquaculture
- Environmental literacy and workforce development



# EXTENSION

In partnership with Barnstable County's Cape Cod Cooperative Extension, **WHOI Sea Grant's Extension Program** provides reliable, science-based information through:

- Erosion management site-visits
- Technical assistance to towns on coastal hazards (erosion, flooding, storms)
- Coordination of National Flood Insurance Program's Community Rating System
- Technical assistance to aquaculture growers and shellfish wardens
- Public outreach
- Professional training programs and communication networks



# EDUCATION

The **WHOI Sea Grant Education Program** provides leadership in marine and coastal education and outreach through:

- K-12 classroom visits
- Undergraduate and graduate education
- Fellowships
- Professional development workshops for educators
- Specialized training programs for industry
- Informal education for the general public



*Our education goal is to increase ocean literacy—"an understanding of the ocean's influence on you, and your influence on the ocean"—so that citizens can make informed and sustainable decisions involving our coastal resources, communities, and economies.*