

## Example Career Fields

### Marine Biology

Study of the behavior and ecology of plants and animals that live in the ocean

### Oceanography

Study of the ocean's floor, chemical compounds, tides, currents and movement

### Ocean Engineering

Designing and building equipment, vehicles and structures used in marine environment

### Social & Policy Science

Integrating the human dimension into coastal and ocean policy-making and resource management.

### Related Fields

Jobs that fall outside these bins: underwater cinematographer, environmental educators, aquaculture veterinarian, etc.



## Meet People In The Field

"I am the former breeding research manager at the Aquaculture Genetics and Breeding Technology Center at the Virginia Institute of Marine Science where my job was to design and manage a selective breeding program for native oyster. I work to develop high performing lines (breeds) of oysters that optimize the profitability of oyster farmers."

– **Marine Biologist:** Anu Frank-Lawal, *Aquaculture Geneticist*



"I am an environmental research scientist at the Environmental Protection Agency laboratory in Narragansett, R.I. We develop methods to assess coastal marine ecosystems. We are currently studying the effects of "emerging" contaminants – pharmaceutical, personal care products and nanomaterials – on marine ecosystems. Many of these compounds are never evaluated for ecological effects before they are sold to consumers, so there is very little environmental information available about their fate and effects. I spend about 35% of my time in the lab/field and 65% at my desk."

– **Oceanographer:** Kay T. Ho, *Marine Eco-toxicologist*

"My current research interests include data modeling, benthic terrain and habitat mapping, and coastal and ocean informatics, as well as science communication and ocean conservation. I serve on the U.S. National Academy of Sciences Ocean Studies Board, the NOAA Science Advisory Board, the Science Advisory Council of Conservation International, and many journal editorial boards."

– **Oceanographer:** Dawn Wright, *GIS and Geological Oceanography Specialist; Chief Scientist at Esri*



## Where can you find jobs?

- Government
- Academia (colleges and universities)
- Industry (pharmaceuticals, biotechnology, construction, manufacturing, energy production, resource exploration and more)
- Nonprofit and non-governmental organizations
- Consulting firms or private enterprise

## What are more examples of marine-related fields?

- Marine electronics
- Aquaculture
- Tourism
- Engineering
- Hydro-geology
- Water quality management
- Environmental education
- Harbormaster

## QUIZ TIME!

Take our online 'personality quiz' to see which marine career might fit you best!



Interested in learning more?  
[seagrant.unh.edu](http://seagrant.unh.edu)  
[marinecareers.net](http://marinecareers.net)