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# Woods Hole Oceanographic Institution

# BENEATH *the* SURFACE

October 2016

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## ☰ FEATURES

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**Ancient Skeleton Discovered on Antikythera Shipwreck**  
DNA analysis of remains could provide insight into the lives of people living 2,100 years ago



Image: NASA/NOAA GOES Project

**Free-swimming ocean gliders help scientists understand storm intensity**



## Oases for Life Beneath Ice-covered Oceans

Follow scientist Chris German's dispatches from the first-ever quest to explore the hydrothermal vents beneath the ice-covered Arctic Ocean

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### IMAGE OF THE MONTH

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## Waiting Their Turn

Large orange floats line the edge of the WHOI dock before being loaded onto the R/V *Neil Armstrong*. The ship departed recently for the [Pioneer Array](#), an ocean observatory about 100 miles south of the New England coast. These floats, known as “subsurface flotation spheres,” are a component of a [profiler mooring](#). A sphere is attached to the mooring’s underwater cable to give it the buoyancy it needs to stay as vertical as possible. That in turn allows a sensor-laden device called a [wire-following profiler](#) to travel up and down the mooring cable, measuring temperature, salinity, oxygen, and other seawater characteristics. (Photo by Ken Kostel, Woods Hole Oceanographic Institution).

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### WHOI IN THE NEWS

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- » [VIDEO: Scientists eye global warming's role in severe storms](#)  
CBS Evening News
  - » [WHOI scientists tracking leatherbacks capitalize on moment](#)  
Cape Cod Times
  - » [VIDEO: The oceans might be getting more acidic and humans might be to blame](#)  
The Weather Network
  - » [Dead and entangled right whales off New England coast, a sign gear rules aren't working?](#)  
Rhode Island Public Radio

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## #KNOW YOUR OCEAN

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The largest animal migration on Earth occurs every day, as zooplankton and other small marine organisms move toward the ocean's surface to feed at night, and down into darkness to hide from predators during the day.



## COMING UP

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### [Events Calendar](#)

View the schedule for seminars, forums, lectures and more.

### [Ocean Science Exhibit Center](#)

Yes, we're open!

### [Peanut Butter Club](#)

Fridays at noon in Redfield Auditorium

### [Shop for the Ocean](#)

Use [AmazonSmile](#) next time you shop online and we'll get a donation from them.

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 JOIN THE CONVERSATION

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Join the growing WHOI community on social media and keep up with breaking news, surprising stories, and beautiful images.

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Where are WHOI ships now?

START TRACKING →



The Woods Hole Oceanographic Institution is dedicated to research and education to advance understanding of the ocean and its interaction with the Earth system, and to communicating this understanding for the benefit of society. [LEARN MORE](#)

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