

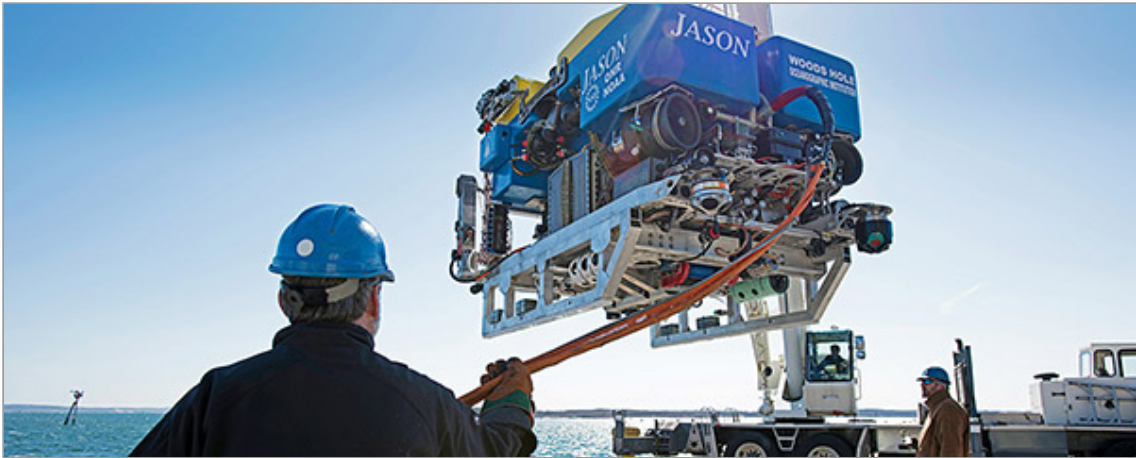
Your latest news on the ocean and ocean research. Having trouble seeing this? [View in your browser.](#)

Woods Hole Oceanographic Institution

BENEATH *the* SURFACE

March 2017

☰ FEATURES



Video & Story: After Overhaul, *Jason* is Stronger than Ever

Deep-sea vehicle is stripped down, redesigned, and upgraded



A New Tsunami-warning System

Scientists devise a way to relay sound signals underwater



A New Long-Term Ecological Research Site Announced for the Northeast U.S. Shelf

IMAGE OF THE MONTH



Blue Holes and Hurricanes

The dark blue patch at the bottom right of this aerial shot of Discovery Bay, Jamaica, is a “blue hole.” These large sinkholes formed as caves on land during the last ice age, when sea levels were hundreds of feet lower than today. Eventually the caves collapsed and filled with water as sea levels rose again. For WHOI coastal geologist [Jeff Donnelly](#), [blue holes](#) provide a perfect trap for sediments and debris that passing hurricanes leave behind. From a floating platform, barely visible in the blue hole’s center, Donnelly collects sediment samples, which he uses to trace the [history of hurricanes](#). More samples were collected from [R/V Atlantis](#) in the bay, which itself is an even larger blue hole. (Still video by Richard Sullivan, Woods Hole Oceanographic Institution)

[See more great images](#)

WHOI IN THE NEWS

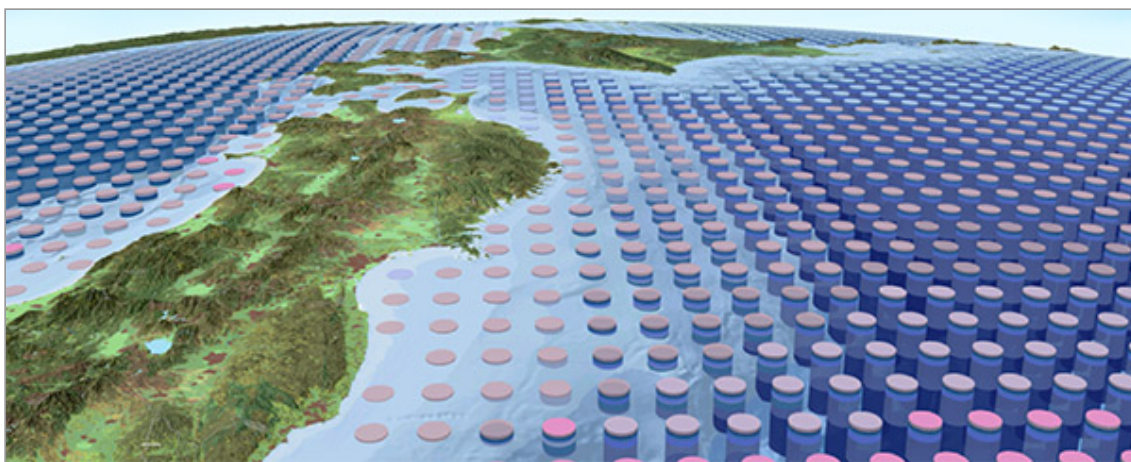
» [The 'Curious' Robots Searching for the Ocean's Secrets](#)

The Atlantic

» [Listen: From the Arctic to Enceladus: A Celebration of Unusual Ice](#)
NPR Science Friday

» [See more WHOI in the News](#)

#KNOW YOUR OCEAN



Ever wonder about temperature, salinity, dissolved oxygen and other ocean health indicators scientists use every day?

Check out this new [interactive ocean map](#) designed by Esri and the U.S. Geological Survey with help from WHOI. (Image: Keith VanGraafeiland and Sean Breyer, Esri)

Maps not your thing? Visit [Know Your Ocean](#) for some great facts and information about the blue heart of our planet.

EVENTS & END NOTES

Events Calendar

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

Fleet Week

Planning to be in New York for Fleet Week this year? Visit the R/V *Neil Armstrong* and learn more about one of the nation's leading ocean research ships. Look for us on May 25th at the Intrepid Sea, Air & Space Museum

Complex on Pier 86. Featuring free ship tours and hands-on exhibits. Full details in April.

See you in April

The Ocean Science Exhibit Center opens for the 2017 season on April 18! Meantime, our [online store](#) is always open.

Peanut Butter Club

Fridays at noon in Redfield Auditorium. Peanut Butter Club is social event; a chance to relax, chat with friends, and learn about a wide range of subjects including but not limited to ocean science. On Friday, March 10, Peanut Butter Club presents the PBS video “The Race Underground,” a film about the engineering challenges of constructing America’s first subway—the Boston T. Sponsored by the WHOI Information Office. Coffee, tea, and cookies served. Donations accepted.

JOIN THE CONVERSATION



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

[Not signed up yet?](#) Don't miss our monthly enewsletter to learn more about ocean science research at WHOI. [Sign up now and get a FREE ringtone.](#)

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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