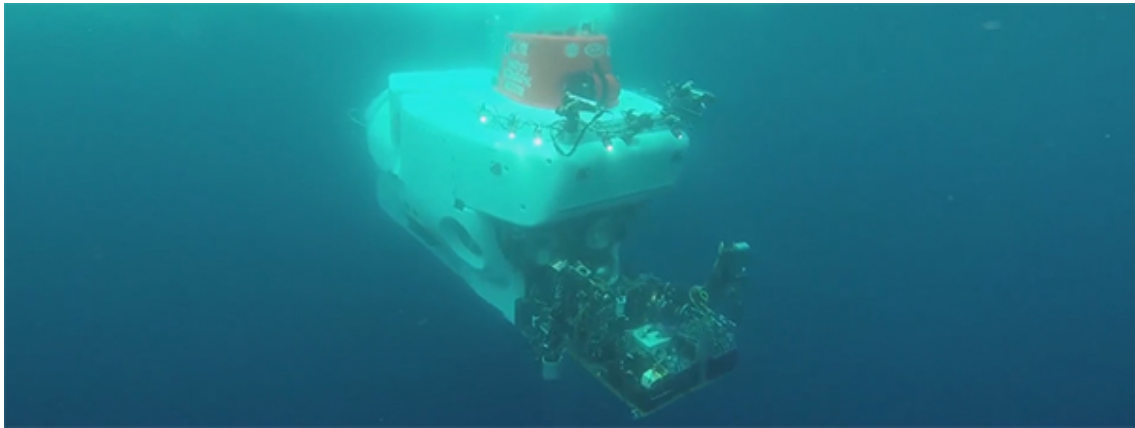


Having trouble seeing this? [View in your browser.](#)

Woods Hole Oceanographic Institution BENEATH *the* SURFACE

November 2016

☰ FEATURES

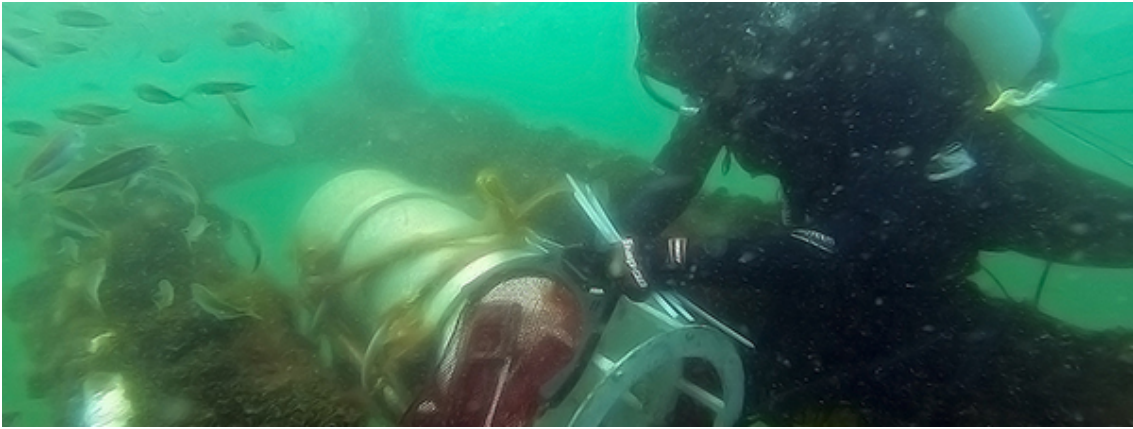


[Video—Dive Deeper: Let *Alvin* \(The World’s Most Famous Submersible\) Take You There](#)



[Whale-safe Fishing Gear](#)

New buoy for lobster traps could prevent entanglements



New 13-year Study Tracks Impact of Changing Climate on Key Marine Food Source

IMAGE OF THE MONTH



Alvin's Animals

Scientists exploring the ocean depths in the WHOI-operated *Alvin* submersible have discovered hundreds of previously unknown species. They include the *Eptatretus strickrotti* hagfish, named for Bruce Strickrott, the *Alvin* pilot who captured it; shaggy white Yeti crabs, *Kiwa hirsute* (from the Latin for “shaggy” or “bristly”), only the second new family of deep-sea crab identified since the mid-1800s; and tubeworms and giant clams that live near hot seafloor vents. This female crab, with orange eggs tucked into her abdomen, was collected from the seafloor by *Alvin* during an expedition to the Galápagos Rift in May 2005. (Photo by Amy Nevala, Woods Hole Oceanographic Institution)

WHOI IN THE NEWS

» WHOI climatologist Jeff Donnelly featured TONIGHT (Nov. 2) on *Years of Living Dangerously*

National Geographic Channel

» Temperatures from Yellowstone Lake vents hit new high

Billings Gazette

» Study planned to replace WHOI Dock

Cape Cod Times

» WHOI deploys new technology to measure wind speeds at turbine height

Falmouth Enterprise

#KNOW YOUR OCEAN



Because of seafloor spreading, the Atlantic Ocean is growing by about 5 centimeters (2 inches) per year.

EVENTS & END NOTES

Special Film Screening: *Before the Flood*

WHOI and the Woods Hole Film Festival are presenting a free community screening of the National Geographic documentary "Before the Flood" with Leonardo DiCaprio and Fisher Stevenson Thurs., Nov. 10, in Redfield Auditorium, 45 Water St., Woods Hole. A pre-screening wine and cheese reception will be held from 6:30-7:00 p.m. in Redfield Lobby. After the screening, scientist Sarah Das and post-doctoral scholar Sam Munoz will lead a discussion and answer questions from the audience about climate change.

Reservations required, [reserve now!](#)

Events Calendar

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

Dive In to WHOI at our FREE Ocean Science Exhibit Center

New November/December Hours: Tuesday - Friday, 10 am - 4:30 pm

Peanut Butter Club

Fridays at noon in Redfield Auditorium

#GivingTuesday is November 29.

Make a [gift](#) in support of global ocean research and exploration on this global day of giving.

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.](#)

Interested in supporting WHOI? [Become a member and explore with us!](#)

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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