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# Woods Hole Oceanographic Institution

## BENEATH *the* SURFACE

September 2018

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### ★ ★ ★ FEATURES

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### *Alvin's* Astonishing Expedition

Scientists discover a colossal deep-sea coral reef

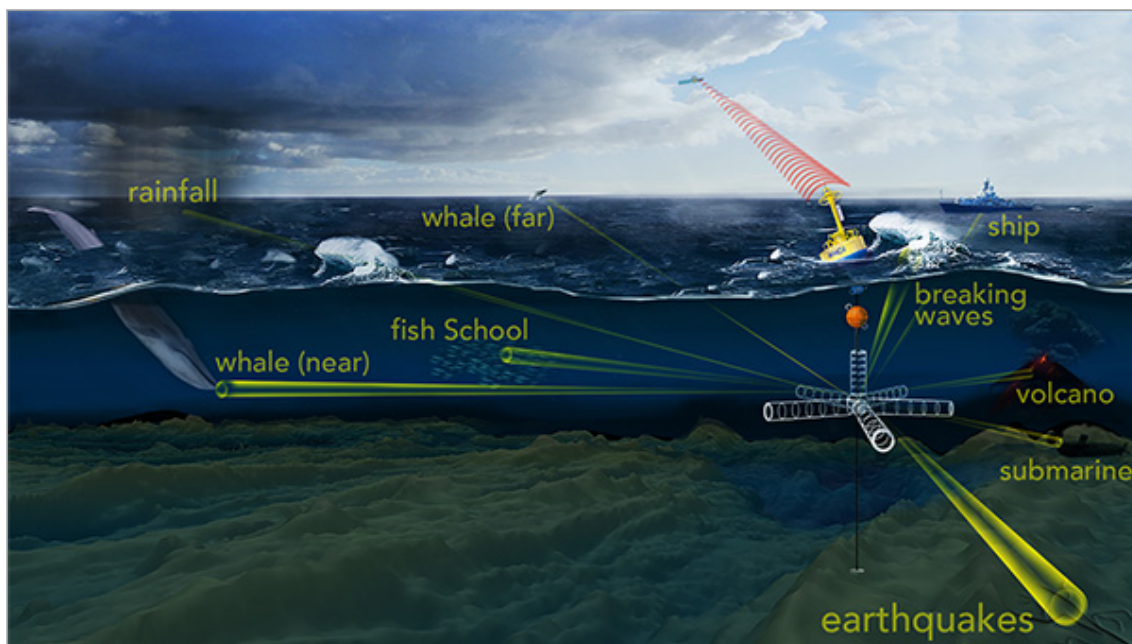
» [Watch now](#)



## Toxic Algal blooms

Scientists review the recipe of harmful algal blooms

[» Read more](#)



## Acoustic Aquatic Landscape

WHOI wins grant for an underwater telescope

[» Read more](#)

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## IMAGE OF THE MONTH

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## Sentry Returns

The autonomous underwater vehicle (AUV) *Sentry* is a programmable robot capable of remaining submerged for 24 hours or more while carrying out complex physical, chemical, and biological research. The vehicle carries a customizable payload of sensors and samplers that allow it to map and photograph the seafloor, locate hydrothermal vents, and collect samples of plankton in the water. *Sentry* is often used with the human-occupied submersible (HOV) *Alvin* or the remotely operated vehicle (ROV) *Jason* to serve as an advance scout and help scientists plan dives with other vehicles. It also has new capabilities that allow it to be used at the same time as *Alvin* and *Jason* to greatly expand the work researchers can do with limited and valuable time at sea. (Photo by Luis Lamar, Woods Hole Oceanographic Institution)

» [See more great images](#)



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## VIDEO OF THE MONTH

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## Life at the Edge

Life blossoms at the shelf break [Watch now »](#)

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## WHOI IN THE NEWS

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[» Scientists Discover Colossal Deep-Sea Coral Reef](#)

*Huffington Post*

[» Underwater Volcanos: An analogue for alien oceans](#)

*NBC News*

[» A 'Ticking Time Bomb' in Arctic Waters](#)

*Canadian Broadcasting Corporation*

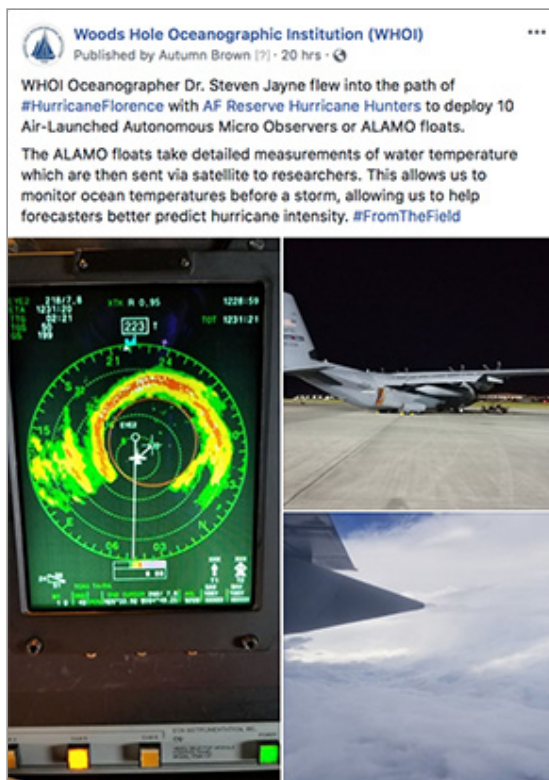
[» Life in the Ocean Twilight Zone](#)

*Science*

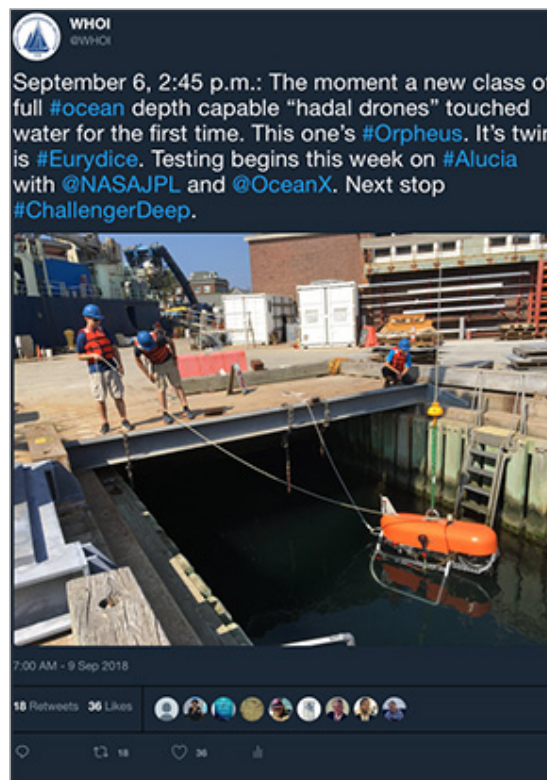


## AUDIENCE FAVORITES

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## EVENTS & END NOTES

### Peanut Butter Club

Presents the video "The Bombing of Wall Street" on Friday, September 21, at noon, in Redfield Auditorium, 45 Water St., Woods Hole. The story behind a mostly-forgotten 1920 bombing in the nation's financial center that left 38 dead

and remains unsolved today. Sponsored by the WHOI Visitor Center. Coffee, tea, and cookies served. [More »](#)

## "The Sea Around Us: Celebrating the Legacy of Rachel Carson: The Woods Hole Business

The Woods Hole Business Association and world-renowned Woods Hole science community invite ocean lovers and science enthusiasts of all ages to free, family-friendly events on September 15 and 16 in celebration of the legacy of Rachel Carson. Including hands on science at Splash Lab, concerts featuring local artists, and the famous, "Anything But A Boat Race" there is something for everyone to enjoy. [More »](#)

## Visit the WHOI Ocean Science Discovery Center

Learn about the Institution's ocean science research and the vessels and tools developed by WHOI engineers and scientists for use in that research. Visitors will also find WHOI merchandise in the Gift Shop located in the Ocean Science Discovery Center. September & October Hours: Monday - Saturday, 10:00 a.m. - 4:30 p.m. Our [online store](#) is always open.

## Events Calendar

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



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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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