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Woods Hole Oceanographic Institution

BENEATH *the* SURFACE

March 2018

☰ FEATURES



Previously Unknown Penguin Supercolony Discovered in Antarctica

Using NASA satellite imagery and drones, scientists found a colony of more than 1.5 million Adélie penguins. Here's how it happened.

[» View video](#)



Where Fresh is Cool in Bay of Bengal

Monsoons provide water, food, and economic vibrancy for 2.5 billion people.

But what effect does the storm runoff have?

[» Learn more](#)



Rare Find from the Deep Sea: A Newly Hatched Dumbo Octopus

Watch the first-ever footage of a hatching dumbo octopus, one of the most endearing creatures of the deep.

[» View video](#)

 IMAGE OF THE MONTH



A View from the Bridge

Fourth- and fifth-grade students from Public School 51 in Hell's Kitchen, New York City, visited WHOI recently. The students, who participate in STEM (Science, Technology, Engineering, and Mathematics) activities at their school, arrived by bus with their teachers and chaperones. WHOI staff gave them tours of the WHOI Ocean Science Exhibit Center, WHOI dock facilities, and the research vessel, *Neil Armstrong*, where they posed on the ship's bridge. They were thrilled to discover that *Armstrong* had participated in Fleet Week last year and docked at the Intrepid Museum on West 46th Street—just a few blocks from their school. (Photo by Jayne Doucette, Woods Hole Oceanographic Institution)

» [See more great images](#)

WHOI IN THE NEWS

» [A supercolony of penguins has been found near Antarctica](#)
New York Times

» [After year of record deaths, right whales produce no new calves, which could be catastrophic](#)
Boston Globe

» [New long-term effort to understand impact of rapidly changing Atlantic](#)
Oceans Deeply

» [See more WHOI in the News](#)

#KNOW YOUR OCEAN



Marine Protected Areas (MPAs)

What are Marine Protected Areas and why are they important? [Find out why.](#)

» [More ocean facts](#)

EVENTS, EXPEDITIONS & END NOTES

Join Us for an Extreme Dive—Inside an Underwater Volcano

Visit the new [Dive & Discover website](#) now through March 26 to follow along as WHOI scientists travel inside Brothers Volcano on the Kermadec Arc northeast of New Zealand. We will explore the caldera floor and walls where hydrothermal vents create some of the most extreme environments on Earth. Check in daily for our expedition stories, videos, and photos. We'll also answer your questions about the expedition.

Peanut Butter Club

Friday, March 16, 12:00 p.m.

Presenting the PBS video "The Secret of Tuxedo Park" in Redfield Auditorium, 45 Water St., Woods Hole. Using his connections, his money, and his brilliant scientific mind, Alfred Lee Loomis, a mysterious Wall Street tycoon and his team of scientists developed radar technology that would arguably play a more decisive role than any other weapon in the war. The "Secret of Tuxedo Park" tells a long-overlooked story of an individual who helped alter the course of history in World War II. Sponsored by the Information Office. Coffee, tea, and cookies served. Donations accepted.

Women in Deep Waters

Tuesday, March 20, 7:00 p.m.

The WHOI Women's Committee presents **Women in Deep Waters**, a panel discussion on Tuesday, March 20, at 7 p.m. in Redfield Auditorium, [45 Water St., Woods Hole](#). Come talk with five women scientists who have each done ten or more dives in WHOI's iconic human-occupied submersible *Alvin*. Bring your curiosity and your questions! Free and open to all. [RSVP now](#) to reserve your seat.

March Ocean Science Café

Come and chat with WHOI scientists at local restaurants about interesting topics in ocean science. Join us on Wednesday, March 28, 6:30-8:30 p.m. at [Bucatino Restaurant](#) in North Falmouth for **Can We Prevent Right Whale Extinction?** featuring biologist Michael Moore. Chat with Michael about the fate of this critically endangered species. This is a FREE event, but tickets are required. Doors open at 6:00 p.m. so you can socialize and have a drink or something to eat with friends, neighbors, and other people who are curious about the ocean. Space is limited. [RSVP now](#) to reserve your seat. Questions? Contact jtromp@whoi.edu or call 508-289-2252.

Events Calendar

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

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JOIN THE CONVERSATION



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 →





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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