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# Woods Hole Oceanographic Institution

## BENEATH *the* SURFACE

May 2018

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### ☰ FEATURES

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### How Do Marine Mammals Avoid the Bends?

Deep-diving whales and other marine mammals generally avoid getting the bends, but they do succumb under certain conditions.

» [Read more](#)



## The Bacteria on Your Beaches

Are more antibiotic-resistant bacteria getting into the ocean? Here's what one scientist learned.

[» Read more](#)



## Sunlight Reduces Effectiveness of Dispersants Used in Oil Spills

What does this mean for post-spill cleanups?

[» Read more](#)

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 IMAGE OF THE MONTH

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## Little Gems

WHOI biologist [Scott Lindell](#) examines a container of gametophytes, or germinal kelp plants, being prepared for use in a combined aquaculture experiment he is conducting. In six months, the millimeter-long young kelp will grow more than six feet and be ready for harvest. An increasing number of [aquaculture](#) operations in the Northeast are growing either kelp or mussels, which use similar technologies in their operations, and Lindell is investigating ways for existing kelp and mussel farmers to branch out by growing both crops simultaneously. He hopes that, in addition to helping the farmer, this will also improve water quality and provide better habitat for other [coastal](#) species. (Photo by Tom Kleindinst, Woods Hole Oceanographic Institution)

» [See more great images](#)

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## WHOI IN THE NEWS

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» [New WHOI facility simulates regions beyond deepest ocean depths](#)

*Cape Cod Times*

» [Eight things to do in Woods Hole while you're waiting for the ferry](#)

*Boston Globe*

» [World-first probe into an active submarine volcano](#)

*Radio New Zealand*

» [See more WHOI in the News](#)

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## #KNOW YOUR OCEAN

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## Did you know that June 8 is World Oceans Day?

It's also WHOI's first annual Day of Giving. Celebrate the ocean with your gift in support of ocean research on June 8 and we'll match it dollar for dollar up to \$250,000! **Donate on June 8 and make your gift count - for the oceans and the world.**

» [More ocean facts](#)



## EVENTS, EXPEDITIONS & END NOTES

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### Celebrate World Oceans Day with Us!

June 8 is World Oceans Day. Join us for two new programs:

#### **An Ocean Conversation Event with WHOI's Twilight Zone Exploration Team via Teleconference**

Wednesday, May 30, 4:30-5:30 pm

Space is limited: [Reserve your space now!](#)

Get the inside scoop on WHOI's mission to a vitally important but largely unfamiliar frontier: the [ocean twilight zone](#). This vast ocean region teems with life, much of it still undiscovered yet already under threat of exploitation. Join the conversation about the amazing opportunities and challenges that await us on our mission of exploration, discovery, and understanding.

#### **World Oceans Day Family Ocean Day**

June 8

Don't miss this day of family activities and science fun for all ages at the Ocean Science Discovery Center.

Watch the WHOI website for full details coming soon!

### [Visit WHOI Ocean Science Discovery Center](#)

Don't miss an opportunity to see what WHOI does at our Ocean Science Discovery Center and to buy great ocean-related gifts and souvenirs.

**Hours:**

May: Monday - Friday, 10 am - 4:30 pm

Memorial Day weekend - June: Monday - Saturday, 10 am - 4:30 pm

July & August: Monday - Sunday, 10 am - 4:30 pm

Our [online store](#) is always open.

**Peanut Butter Club**

Presents the part two of the NOVA video "Decoding the Weather Machine" on Friday, May 18, at noon, in Redfield Auditorium, 45 Water St., Woods Hole. Disastrous hurricanes. Widespread droughts and wildfires. Withering heat. Extreme rainfall. It is hard not to conclude that something's up with the weather, and many scientists agree. It's the result of the weather machine itself—our climate—changing, becoming hotter and more erratic. In this two-hour documentary, NOVA will cut through the confusion around climate change. Sponsored by the Visitor Center. Coffee, tea, and cookies served. Donations accepted.

**Events Calendar**

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

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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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