

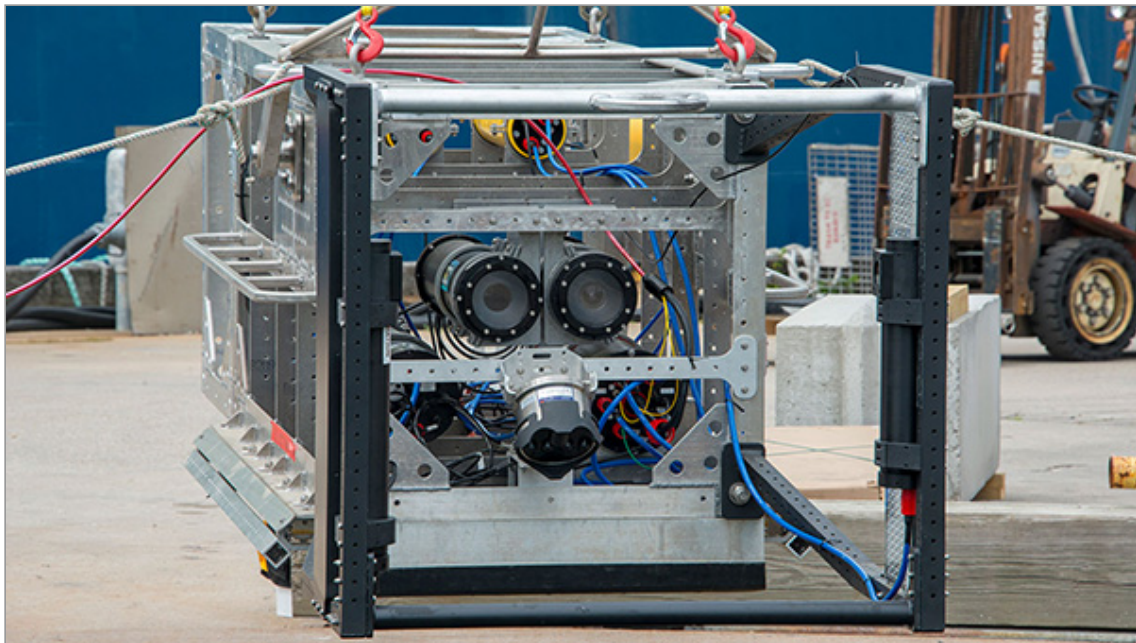
Your latest news on the ocean and ocean research. Having trouble seeing this? [View in your browser.](#)

# Woods Hole Oceanographic Institution

## BENEATH *the* SURFACE

August 2018

### ☰ FEATURES



## A Journey to the Ocean's Twilight Zone Begins

A remarkable instrument extends our senses into the depths

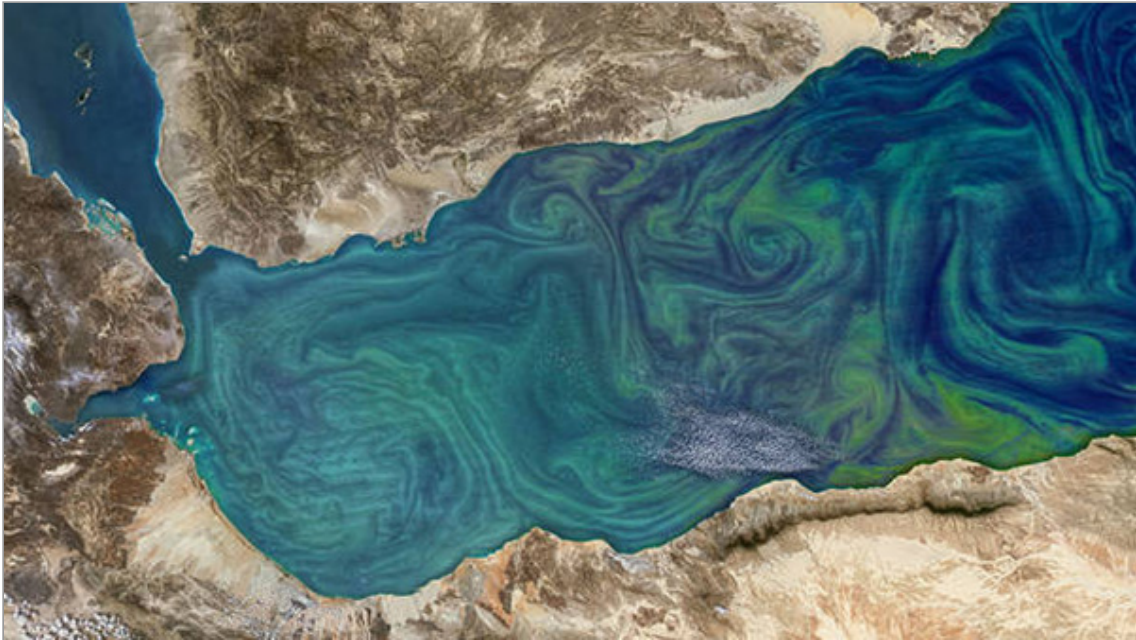
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## Following the Fresh Water

WHOI researchers uncover the catalyst of an ancient cold snap

[» Read more](#)



## Climate Science Collaboration

An all-star team joins forces to solve a carbon cycle riddle

[» Read more](#)

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 IMAGE OF THE MONTH

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## Poised for Action

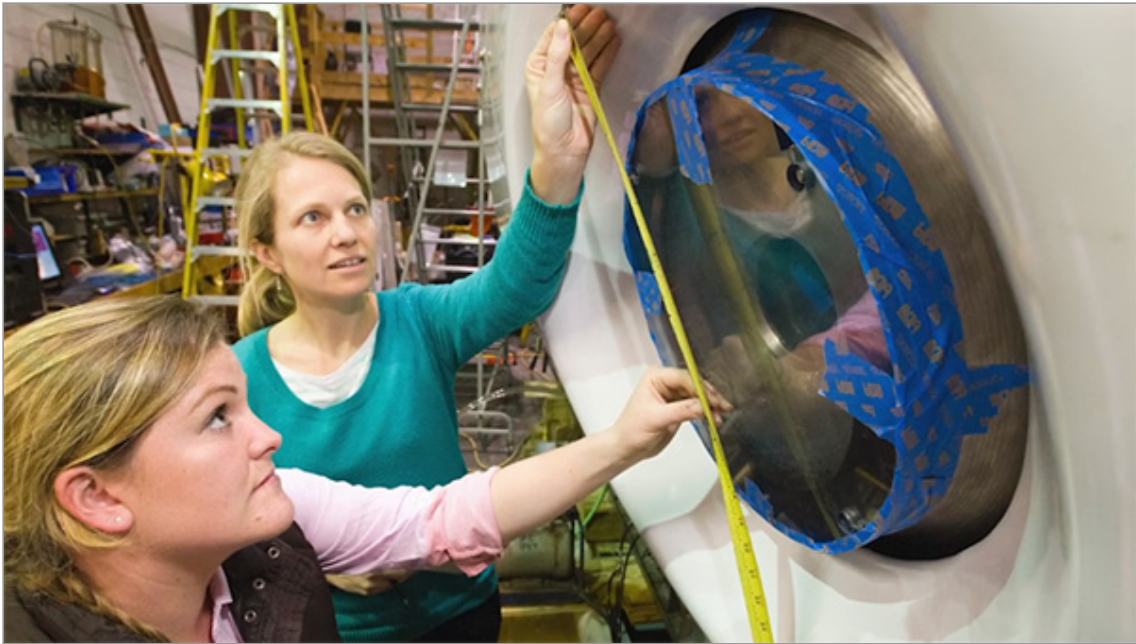
Every six months, the imposing sensor-laden moorings that make up the Ocean Observatories Initiative Pioneer Array need to be "turned"—hailed out of the water and substituted with clean and freshly charged replacements. Working in the ocean at the edge of New England's continental shelf has many challenges, including unpredictable weather and sometimes turbulent seas. Maneuvering moorings into and out of the water from the deck of a ship is no easy feat: It requires skill, experience, and seamless coordination between scientists and crew. The blue-and-yellow buoys of the three Coastal Surface Moorings pictured here each weigh about 10,000 pounds, and their gray anchor frames, loaded with instruments, weigh another 10,000. (Photo by Rebecca Travis, Woods Hole Oceanographic Institution)

» [See more great images](#)

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 VIDEO OF THE MONTH

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## Kaitlyn's Dream

'A dream come true'- WHOI engineer Kaitlyn Tradd explains how a day at the Discovery Center changed her life. [Watch now »](#)

» [See more great videos](#)

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## WHOI IN THE NEWS

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» [The Last Frontier of the Ocean Twilight Zone](#)

*The Boston Globe*

» [A key Ocean Current: Exploring the Global Circulatory System](#)

*PRI*

» [Seals' Whiskers Inspire Instrument Innovation](#)

*The Economist*

» [The Hidden Diversity of Zooplankton](#)

*The Conversation*

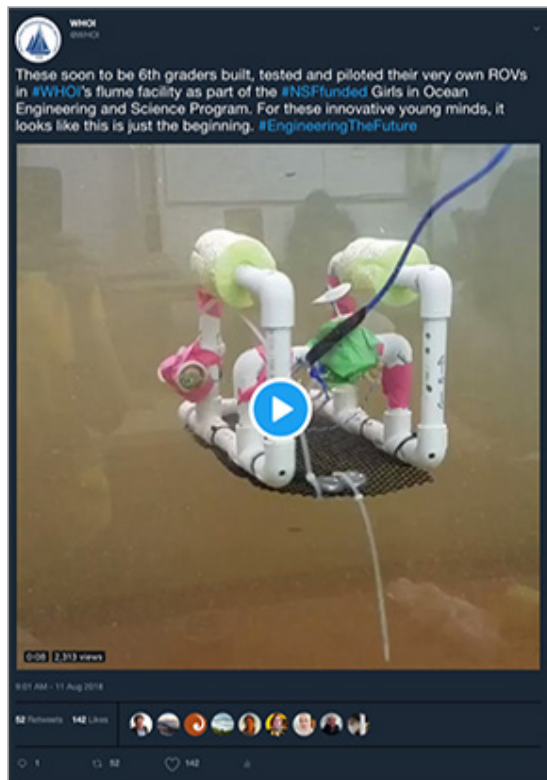
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## AUDIENCE FAVORITES

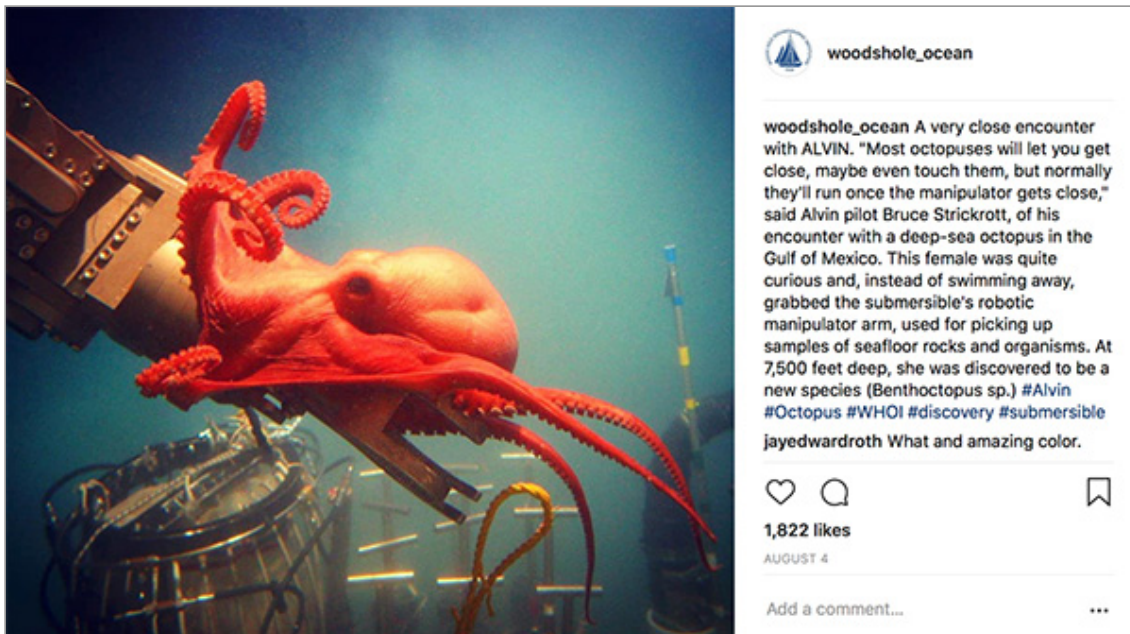
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## 📅 EVENTS & END NOTES

### Peanut Butter Club

Simon Ryder-Burbidge will present "I thought the horseshoe crabs were part of my family: Investigating ocean connectivity and coastal values in Falmouth, Massachusetts" on Friday, August 17, at noon, in Redfield Auditorium, 45 Water St., Woods Hole. There we will discuss how citizens relate to the coastal zone

and how this may impact coastal governance. Coffee, tea, and cookies served. Coffee, tea, and cookies served. [More »](#)

## "Know your Ocean" Science Chats

Join us for this annual, summertime series of publicly accessible talks by scientists and engineers at the Woods Hole Oceanographic Institution. All talks take place on Tuesdays at 3:00 p.m. in WHOI's Ocean Science Discovery Center Auditorium, [15 School Street](#), Woods Hole.

- **August 21- Why are Cape Cod Estuaries Impaired and What Can Be Done About It?**  
Matt Charette, Senior Scientist and Director of Woods Hole Sea Grant
- **August 28 - Fifty Years at WHOI: Studying Extremes of Life in the Cold and Hot Deep Sea**  
Carl Wirsén, Oceanographer Emeritus, WHOI Biology Department

[» View full series details](#)

## Cinema and Science by the Sea

Catch an ocean-themed flick during this special series co-sponsored by the Woods Hole Film Festival. Tuesday, August 21, 7:30 p.m. Enjoy **Jaws**, with a special introduction to the film by Dr. Larry Madin, Deputy Director and Vice President for Research. Free popcorn included, showing is on lawn area behind Redfield Auditorium. Bring your own blanket or beach chair. If raining, it will be shown inside Redfield Auditorium. [View full details »](#)

## Ask a Scientist

Chat with a new experts every Monday and Tuesday in front of Redfield auditorium about all things Oceanography. From biologists to engineers, we have a wide array of experts ready to answer your questions and discuss their research. Every Monday and Tuesday at 12 p.m. [View full details »](#)

## 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. July & August Hours: Monday - Sunday, 10:00 a.m. - 4:30 p.m. Our [online store](#) is always open.

## Take a Guided Tour

Want an insider's view of WHOI? Take an hour and fifteen minute guided tour. Available Monday through Friday at 10:30 a.m. and again at 1:30 p.m. Space is limited so registration is required. [View full details »](#)

## Woods Hole Village Science Tours

Woods Hole is a uniquely scientific town. Learn why by taking a summer science tour of the village. Saturday and Sunday at 11:00 a.m. and again at

1:00 p.m. in July and August. Sponsored by the Woods Hole Business Association. [View full details »](#)

## Events Calendar

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

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## JOIN THE CONVERSATION #WHOI

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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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