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Woods Hole Oceanographic Institution

BENEATH *the* SURFACE

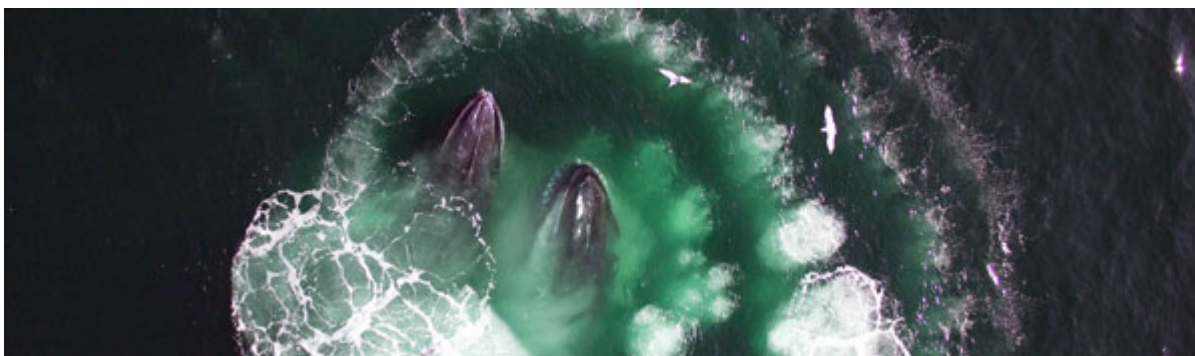
July 2016

★ ★ ★ FEATURES



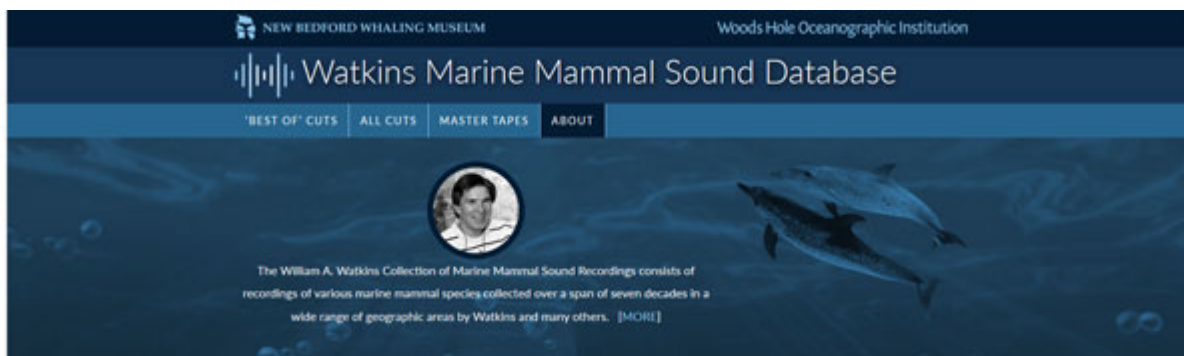
Artifacts Discovered on Return Expedition to Antikythera Shipwreck

An international research team discovered spectacular artifacts at the Antikythera Shipwreck (circa 65 B.C.) this month. (Photo by Brett Seymour, EUA/WHOI/ARGO)



Scientists Now Listening for Whales in New York Waters With Real-time Acoustic Buoy

Featuring a video of scientist Mark Baumgartner's efforts to keep an "ear" on the New York region's biggest voices and singers. (Photo by Michael Moore, Woods Hole Oceanographic Institution and John Durban, Southwest Fisheries Science Center, NMFS, NOAA; acquired under National Marine Fisheries Service Permit 17355-01 and NOAA Class G Flight Authorization 2015-ESA-4-NOAA)



Historic Marine Mammal Sound Archive Now Available Online

William Watkins' path-breaking effort to collect and catalog the sounds made by marine mammals over the course of 40 years is now freely available online. [Listen!](#)

IMAGE OF THE MONTH



Virtual Ocean

WHOI post-doctoral investigator Tom Chalk manipulates a dataset showing carbonate ion concentration in the [3-dimensional image visualization laboratory](#). The lab is used to help analyze large, geo-referenced datasets of physical and chemical properties in the global ocean. It was established with a grant by the National Science Foundation to bring together a team of computer scientists, physical oceanographers, paleoceanographers, and geophysicists from WHOI, UC Davis, and UC Santa Barbara to reconstruct the past ocean circulation from sparse geochemical data collected from fossils in deep-sea sedimentary cores. (Photo by Ken Kostel, Woods Hole Oceanographic Institution).

WHOI IN THE NEWS

» VIDEO: SharkCam tracks great whites into the deep

Discovery Channel

» **The Cape's big blue benefit**

Cape Cod Times

» **Woods Hole researchers are eavesdropping on whales in the Atlantic**

The Boston Globe

» **The most mysterious object in the history of technology**

The Atlantic

#KNOW YOUR OCEAN



Did you know that WHOI's discoveries are made possible by people like you? Become a [WHOI Associate](#) today and support ocean science while getting an insider's look at our work.



Events and End Notes

Join us for the [Science Made Public](#) summertime lecture series

July 12: *The secret lives of baby fish: from tuna to eels to river herring*

Joel Llopiz, Assistant Scientist, Biology Department

July 19: *The Power of Waves at Martha's Vineyard*

Anna Wargula, Joint Program Student, Applied Ocean Physics & Engineering Department

July 26: *Blue Whales in Patagonia*

Alex Boccencelli, Research Specialist, Applied Ocean Physics & Engineering Department

Dive in to WHOI at the [Ocean Science Exhibit Center](#)

Hands-on activities and close-up views of ocean science tools and technology. Kids love it! **Summer bonus:** Splash Lab water experiments happen Wednesdays and Thursdays, 1-3pm in July and August.

Summer Walking Tours

Get a glimpse behind-the-scenes at WHOI with walking tours that visit our dock area and other restricted village facilities. Offered twice daily in July and August. Reserve now. These fill quickly.

Save the Date: August 6 - Woods Hole Science Stroll

An event filled with science in action for the whole family.

Events Calendar

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

Peanut Butter Club

Fridays at noon in Redfield Auditorium, WHOI sponsors a free talk or video on a topical subject including, but not limited to, the ocean. Relax, chat with friends, and learn about a wide range of socially relevant subjects.



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.](#)

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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