

ENVIRONMENTAL INSIGHTS

NEWS FROM THE UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE



IMET Open House

Saturday, May 4, 1-4 p.m.

Institute of Marine and Environmental Technology

Have you ever wondered what happens in that unusual building with the tent-like roof at Baltimore's Inner Harbor? Science happens! The Institute of Marine and Environmental Technology opens its doors for a free Open House on Saturday, May 4, 1-4 p.m. Enjoy hands-on science activities for kids all ages, meet our scientists, and discover important marine research happening at the harbor's edge.

- Find out how "nature's nightlight" works...microscopic organisms that glow in the dark
- Peer into microscopes to see what's living in the harbor. You might be surprised!
- Learn how to use research tools like microscopes and pipettes to sample

DNA

- Tour the *Rachel Carson* research vessel and see how science happens on the water
- Meet your science superhero...marine biologists making new discoveries every day.

MORE



Underwater grasses research awarded Cozzarelli Prize

A landmark paper on the comeback of underwater grasses in Chesapeake Bay has received the prestigious Cozzarelli Prize, an award that recognizes outstanding contributions to the scientific disciplines represented by the National Academy of Sciences. "Long-term nutrient reductions lead to the unprecedented recovery of a temperate coastal region" includes University of Maryland Center for Environmental Science authors Bill Dennison, Rebecca Murphy, Jeremy Testa, and alumna Cassie Gurbisz. The Editorial Board of the Proceedings of the National Academy of Sciences (PNAS) selected six papers from the more than 3,200 research articles that appeared in the journal last year to receive the prize.

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Students learn about science policy with Knauss Fellowships

Four University of Maryland Center for Environmental Science students were among the 60 finalists for the coveted John A. Knauss Marine Policy Fellowships from Maryland Sea Grant College. Maureen Brooks, Melanie Jackson, Emily Russ, and Zoraida Perez-Delgado are being hosted at the U.S. Naval Observatory, NOAA's Office of Oceanic and Atmospheric Research and Office of Legislative and Intergovernmental Affairs, and the Engineer Research and Development Center of the U.S. Army Corps of Engineers for one year to learn about ocean and coastal resources and national policy decisions.

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Tom Miller appointed to National Academies board to guide coastal science

Chesapeake Biological Laboratory Director Tom Miller was appointed to the National Academies of Science, Engineering and Medicine's Ocean Studies Board, a standing committee that explores the science and policies needed to understand, manage, and conserve coastal and marine environments and resources. A professor of fisheries science, Miller has been a leader in the development of approaches to manage several



Chesapeake Bay species, including crabs and striped menhaden.

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Next Generation: Claire Nemes on domestic cats and birds

"I am interested in understanding the impacts of free-roaming domestic cats on migratory songbird populations. One of the challenges is a lack of good information on the numbers of free-roaming cats--their abundance or density in a given area. This research will help fill in an important knowledge gap."

[SEE CATS AND BIRDS
CAUGHT ON CAMERA](#)



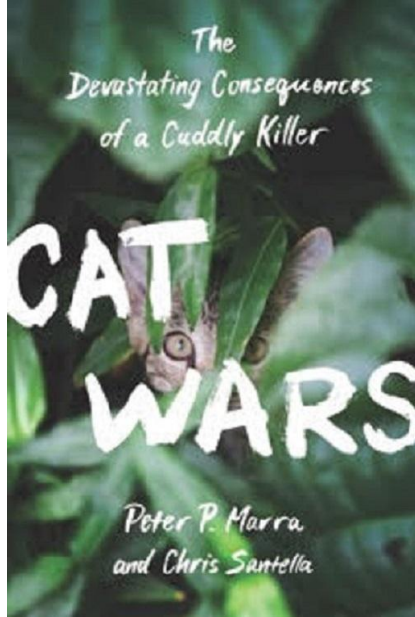
Watershed Moments:

Cat Wars

May 2, 6:30 p.m.

Appalachian Laboratory

Mounting scientific evidence confirms that in the United States alone, free-ranging cats are killing birds and other animals by the billions.



Visiting scholar Peter Marra discusses his book "Cat Wars: The Devastating Consequence of a Cuddly Killer," presenting data on the threat free-ranging cats pose to biodiversity and public health and examining the controversies surrounding the management of their populations. [MORE](#)

Science for Citizens:
The Art and science of climate change on the coasts
May 11, 2 p.m.
Chesapeake Biological Laboratory

Hear Dr. Orrin Pilkey and see the artwork of renowned artist Mary Edna Fraser as they talk about their books, "A Celebration of the World's Barrier Islands" and "Global Climate Change: A Primer." Free; pre-registration required.



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UMCES IN THE NEWS

New 99.9999% chance humans are causing global warming, and other science-based facts on climate change for Earth Day (USA Today)

Scientific consensus mounts in favor of sunscreen (Florida Politics)

Nine years later, the BP oil spill's environmental mess isn't gone (Mother Jones)

Hotter, wetter, more bugs? Researcher finds Maryland's climate is becoming more like Mississippi's (Baltimore Sun)

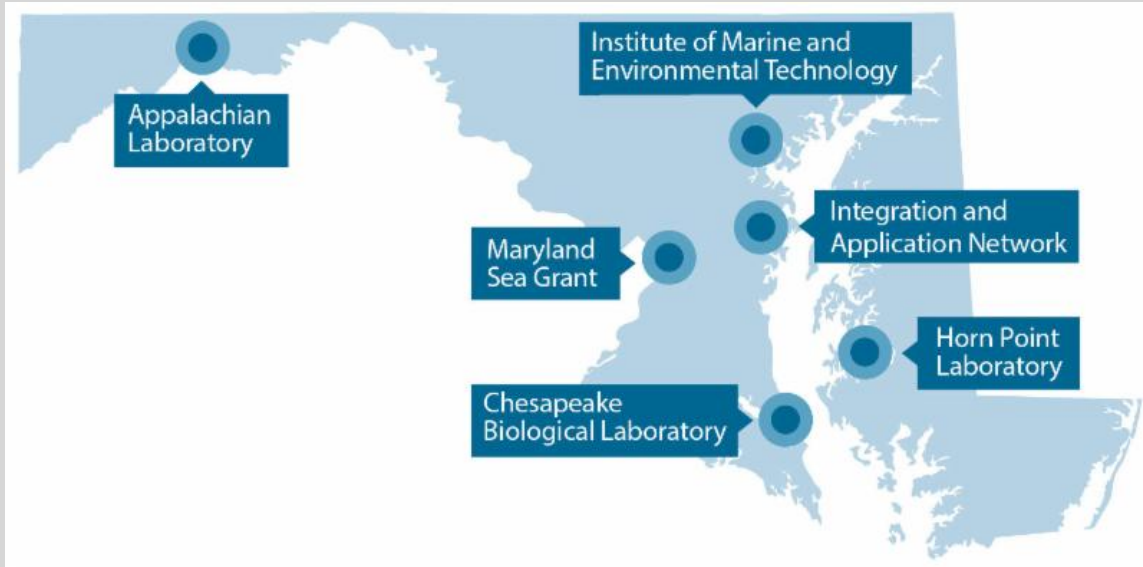
'Wave of Plastic' program partnership brings watershed education (Calvert Beacon)

Chestnut orchard to be planted on state forest land (Cumberland Times-News)

Maryland blue crab invades Spanish waters (WBOC-TV)

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Appalachian Laboratory - Chesapeake Biological Laboratory
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