

ENVIRONMENTAL INSIGHTS

NEWS FROM THE UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE

SCIENCE IN THE TIME OF COVID-19: While UMCES researchers have had to limit what can be done to respect social distancing and State guidelines, they continue to produce important work, as seen in these highlights.



A place to land: New study highlights importance of U.S. coastal habitats for migrating birds

Each spring, billions of land birds--thrushes, warblers, orioles, tanagers, and more--migrate through the night, navigating the coast of the Gulf of Mexico. Even greater numbers migrate through this region in the fall. During the day, these birds stop to rest, recover and refuel for the next leg of their journey. A recent study, led by Emily Cohen with scientific collaborators from Cornell to the Smithsonian, shows the critical importance of the habitats around the U.S. coast of the Gulf of Mexico and Florida for sustaining North America's migratory birds.

"We show for the first time that over half of the birds migrating through these coastlines stop there," said lead author Emily Cohen. "The areas where the stopover-to-passage ratio is high are potentially more important for migrating

birds than was previously thought."

MORE



"You found HOW many scooters?" Scooterpalooza effort reveals life in Baltimore's Inner Harbor

Eric Schott and Tsvetan Bachvaroff have long been interested in what's in Baltimore's Inner Harbor. Usually, they're looking for barnacles, mussels, and other tiny marine life, but in early September they went searching for something else. An ever-growing pile of electronic scooters at the bottom of the harbor were becoming artificial reefs, with organisms growing on wheel spokes, tires, and handles. Volunteers from the Institute of Marine and Environmental Technology and the National Aquarium pulled out 18 scooters, 5 bicycles, and 1 skateboard with some help from Bluewater Baltimore and the Waterfront Partnership. The abundance of mussels and barnacles observed on the scooters and bikes makes it clear that the harbor can be home to a lot of life, if there is structured habitat.

WATCH



Virtual science seminars bring experts into your living room

Learn about innovative research conducted by scientists at UMCES' Chesapeake Biological Laboratory as part of this virtual seminar series on **Tuesdays at 7 p.m. REGISTER HERE**

October 13: Patuxent River Research Cruises: Building on a scientific & educational legacy with Ryan Woodland

Find out how the Patuxent River Research Cruise Program helps us understand the conditions that affect the Chesapeake Bay's ecosystems and impact proper management of this unique estuary.

October 20: Decades of Change in the Patuxent River and its Tributary Companions with Jeremy Testa

The Patuxent River estuary has been changing for centuries. Discover how recent monitoring in the Patuxent and its many small tributary companions has helped to reveal some of its mysteries.

October 27: Reducing Plastic Waste and Pollution with Helen Bailey

Find out how Solomons Island businesses are "making the switch" from common single-use, petroleum-based plastics to alternative products, how scientists are working with schools in southern Maryland to reduce plastic waste and pollution.

MORE



UMCES students awarded fellowships for marine research

Two UMCES graduate students were awarded National Oceanic and Atmospheric Administration's (NOAA) Margaret A. Davidson Fellowship, a new two-year fellowship which includes research funding and extensive professional development. Beginning this fall, Daniella Hanacek is conducting her fellowship with the Chesapeake Bay National Estuarine Research Reserve at the Monie Bay reserve, and Taylor Armstrong is based at Jacques Cousteau National Estuarine Research Reserve in New Jersey.

[MORE](#)

UMCES IN THE NEWS

[How climate change has affected each state \(MSN.com\)](#)

[Botswana says toxins in water killed hundreds of elephants \(Reuters\)](#)

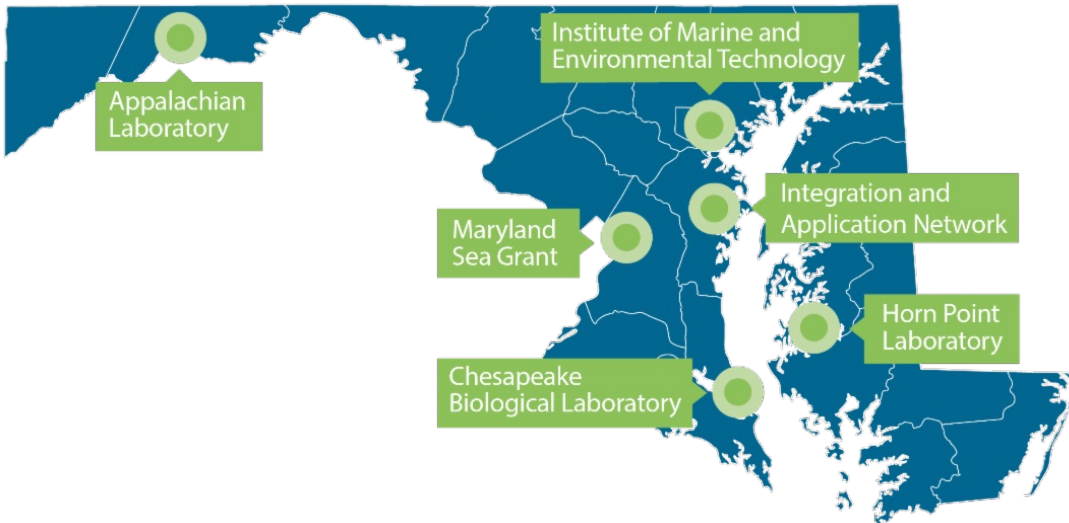
[Environmental groups pull 18 scooters & 5 bikes from Inner Harbor \(Fox45-TV\)](#)

[Collaboration and Partnerships Make Data Collection Possible in a Challenging Year for Arctic Research \(NOAA Fisheries\)](#)

[Senate passes \\$92 million in funding for Chesapeake Bay cleanup program Trump has repeatedly tried to slash \(Baltimore Sun\)](#)

[Brewing Company Uses Spent Grain to Tackle Red Tide \(Water & Waste Digest\)](#)

[Studying Maryland's official state reptile on Pax River's beaches \(Southern Maryland\)](#)



SUPPORT SCIENCE

Your tax-deductible gift will help us continue to foster amore healthy and prosperous environment through unbiased scientific research and the education of the next generation of science leaders. **GIVE**



University of Maryland
CENTER FOR ENVIRONMENTAL SCIENCE

Appalachian Laboratory - Chesapeake Biological Laboratory
Horn Point Laboratory - Institute of Marine and Environmental Technology
Integration and Application Network - Maryland Sea Grant

AN INSTITUTION OF THE UNIVERSITY SYSTEM OF MARYLAND

SUBSCRIBE TO NEWSLETTER

