

ENVIRONMENTAL INSIGHTS

NEWS FROM THE UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE



Oceans, human health, climate change focus of unique new alliance

The National Institute of Environmental Health Sciences has awarded a \$5.75 million grant to establish a Center for Oceans and Human Health and Climate Change Interactions to study the effects of ocean health-related illness and the interactions from climate change. The Center will be headquartered at the University of South Carolina and involve more than 20 researchers from five colleges and universities, including the University of Maryland Center for Environmental Science.

[MORE](#)



Science to inform policy development. It's what we do.

UMCES provides the science for policymakers to address the pressing environmental issues in our communities. Check out UMCES scientists Don Boesch, Mike Wilberg and Elizabeth North as they share their expertise on oyster restoration in Chesapeake Bay with Maryland lawmakers in Annapolis.

WATCH



'Wave of Plastic' partnership brings watershed education to Southern Maryland middle schools

The Chesapeake Biological Laboratory received funding from the National Oceanic and Atmospheric Administration Bay Watershed Education and Training program to support "Wave of Plastic," an education partnership that will help Southern Maryland students understand the connections between

actions on land and plastic pollution in local waterways and the Chesapeake Bay.

MORE



Restoring Wetlands: A closer look at Poplar Island

Wetlands are important for housing unique plants and animals, absorbing carbon, improving water quality, and protecting coastlines. Lorie Staver is monitoring marshes in an effort to restore Poplar Island's habitat. She talks about the the project during a tour of the island.

WATCH

Next Generation: Katie Martin on tracing septic wastewater to streams

"I am researching different ways to tell if septic wastewater is contaminating local waterways. Some of the tools we use measure artificial sweeteners and chemicals from soaps and detergents. Everyone produces waste that then pollutes the environment. This contamination can have health



effects on people and the ecosystem. It is important to have tools to understand where wastewater and the chemicals from wastewater end up and to understand the composition of wastewater to be able to treat it." **MORE**



New website provides free resources for citizen scientists

UMCES' Integration & Application Network helped create a new website for the **Chesapeake Monitoring Cooperative**, whose mission is to collect and share water quality data from volunteer groups, NGOs, and local government to improve understanding of Chesapeake Bay watershed health. The new site allows users to explore data and learn about CMC's services and resources, including an interactive database that could help provide a better picture of the health of the Bay and its waterways.

MORE

UMCES IN THE NEWS

Mixing it up in the web of life (Knowable Magazine)

The place in between: How a marsh holds life together (Chesapeake Quarterly)

Maryland sea level to increase dramatically, report says (Bay Journal)

Sturgeon population hold steady in Bay (Star Democrat)

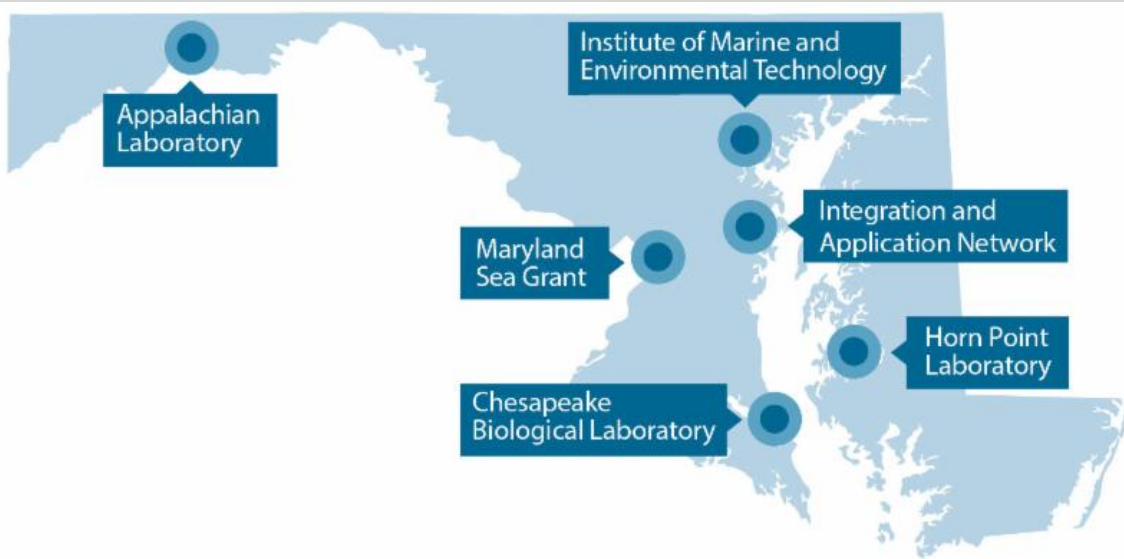
Climate change is washing away the Chesapeake's treasures (Washington Post)



Follow UMCES President **Peter Goodwin** on Twitter [@pgoodwin_UMCES](https://twitter.com/pgoodwin_UMCES)

SUPPORT SCIENCE

Your tax-deductible gift will help us continue to foster a more 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

