

# ENVIRONMENTAL INSIGHTS

NEWS FROM THE UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE



## A window for action: UMCES President Goodwin on understanding climate change

This week the 2021 United Nations Climate Change Conference meets to assess progress in tackling the global priority of climate change. The latest report from the Intergovernmental Panel on Climate Change confirmed that global warming is real and every region of the world can expect to be impacted by extreme events unless the rise in global temperature is limited. UMCES President Peter Goodwin says there is still time to act, but we are operating in a very narrow window. He answers some basic questions about climate change and Maryland. [MORE](#)

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## NOAA grant supports diversity in next generation of marine scientists

NOAA continues its two-decade commitment to support the next generation of marine scientists and researchers through the Living Marine Resources Cooperative Science Center (LMRCSC), which includes students at the Institute of Marine and Environmental Technology (IMET) and UMCES' Chesapeake Biological Laboratory. The LMRCSC program provides support for graduate students from underrepresented groups in marine and environmental science, preparing them for careers in research, management, and policy that support the sustainable use and conservation of marine resources.

“This program provides training opportunities to a diverse body of undergraduates with a long-term goal of providing a strong pipeline of students continuing to higher degrees in marine and environmental sciences,” said IMET Director Russell Hill. [MORE](#)

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## Mike Roman to step down as Horn Point Laboratory director

After serving 20 years as director of UMCES' Horn Point Laboratory, Professor Mike Roman has announced that he will relinquish the position by end of the academic year and continue his ocean research as a faculty member. A biological oceanographer, Roman's scientific career spans 30 years of research, and his expertise in marine ecology and biological oceanography is recognized nationally and internationally. He joined UMCES in 1981 and has been director of the Horn Point Laboratory since 2001.

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## What is the blue crab genome, and how did Maryland scientists figure it out?

While a "sook" is a female crab, Sook Chung is one the scientists who helped unlock the genetic mystery that was the blue crab's genome. Learn why it's important to understand Maryland's favorite crustacean's DNA make-up and how UMCES scientists did it. [WATCH](#)



## UMCES IN THE NEWS

Baltimore based researchers crack genetic blueprint of blue crabs (CBS Baltimore)

Can the world's most polluting heavy industries decarbonize? (Inside Climate News)

Maryland scientists mapped the DNA of a blue crab for the first time. It could unlock new clues to understanding the species. (Baltimore Sun)

Beverly and Richard Tilghman honored as Chesapeake Champions for the environment (The Star Democrat)

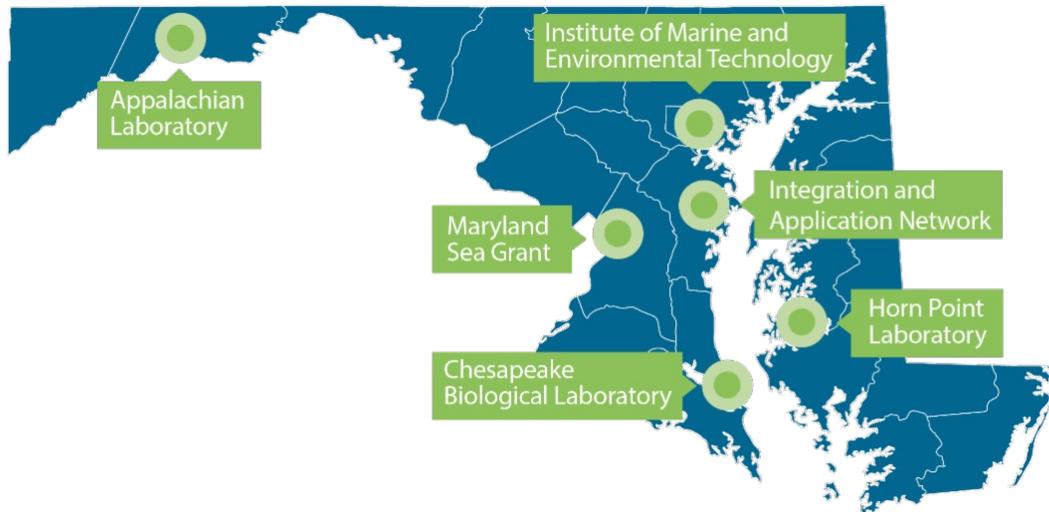
New integrated report card to protect Darwin Harbour (The National Tribune)

MD. Scientists crack blue crab's genetic code (Chesapeake Bay Magazine)

Maryland is seeing an increase in precipitation, sea level and flooding (SOMD News)

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