

ENVIRONMENTAL INSIGHTS

NEWS FROM THE UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE



Climate of North American cities will shift hundreds of miles in one generation

In one generation, the climate experienced in many North American cities is projected to change to that of locations hundreds of miles away--or to a new climate unlike any found in North America today. A new study and interactive web application aim to help the public understand how climate change will impact our lives. These new climate analyses match the expected future climate in each city with the current climate of another location, providing a relatable comparison of what is likely in store.

"Within the lifetime of children living today, the climate of many regions is projected to change from the familiar to conditions unlike those experienced in the same place by their parents or grandparents," said Matt Fitzpatrick.

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Horn Point sturgeon move to New York Aquarium

After years of living at the Horn Point Laboratory, five fabulous fish from Maryland DNR's sturgeon program now reside at the New York Aquarium. An endangered species, the BIG wild sturgeon traveled to Brooklyn in November and went on display two weeks ago. Check out their new environment!

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Women in science share stories of inspiration

According to the National Science Foundation, nearly 11,000 women held doctoral degrees in science and engineering in 1973, compared to more than 100,000 in 2010. For Women's History Month, eight UMCES scientists share stories about the people who inspired them in their careers.



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UPCOMING EVENTS

Science for Citizens: Diversifying the Geosciences

March 26, 7 p.m.

Chesapeake Biological Laboratory, FREE

Despite efforts to increase recruitment, the geosciences lag behind other STEM fields in gender and minority representation. Lora Harris will present an overview of this challenge along with her efforts to tackle the problem. [MORE](#)

Science After Hours: eDNA sampling with Louis Plough

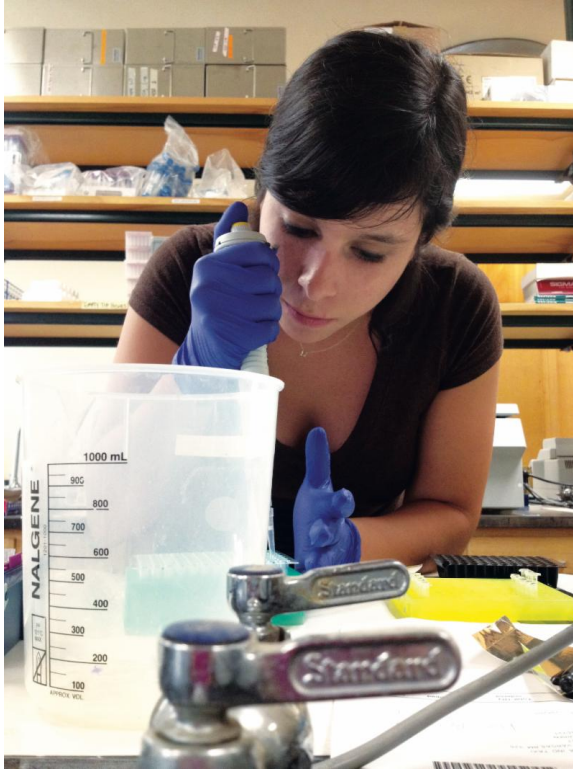
March 25, 5:30 P.M.

Talbot County Free Library, Easton branch, FREE

Louis Plough, who uses genetic and genomic tools to understand what is in our waters, will give a talk titled "What's in your water? Understanding what is in our waters using environmental DNA, or eDNA. [MORE](#)

Next Generation: Ana Sosa on microorganisms and plastics in Chesapeake Bay

"I'm a microbial ecologist. This means that I study where and how microorganisms live, including bacteria and microalgae. I'm currently working on a project involving the microbial communities that live on small pieces of plastic in the Chesapeake Bay. I have been



identifying the microorganisms found on plastics to characterize how they affect their surroundings. By identifying types of microbial communities present in the bay, I can work to understand how they are affecting their environment."

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UMCES IN THE NEWS

Want to know what your city will feel like in 2080? Look 500 miles south

(National Geographic)

What does that parking lot puddle have to do with climate change?(Science Friday)

"Winters without a lot of snow, much more rainfall" - How Baltimore will experience future climate change (WJZ-TV)

Is the world's largest animal too reliant on the past? (The Atlantic)

Blue-sky floods take a rising toll for businesses (BNN Bloomberg)

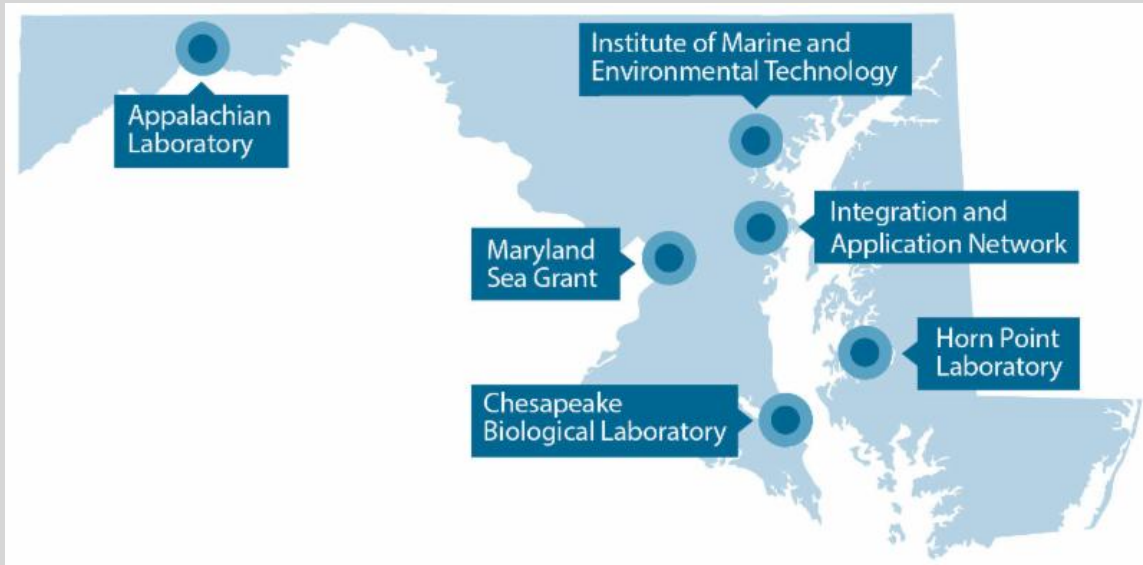
Climate change might actually help blue crabs thrive in Chesapeake Bay (The Virginian-Pilot)

Hoping this is the final straw (The Enterprise)

Septic frustrations boil, state and local changes proposed (Salisbury Times)

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Integration and Application Network - Maryland Sea Grant

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