

Maryland Sea Grant and UMD Sea Grant Extension

Maryland State Conference of NAACP Branches

October 25, 2019

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UNIVERSITY OF
MARYLAND
EXTENSION





Who we are



UNIVERSITY SYSTEM
of MARYLAND

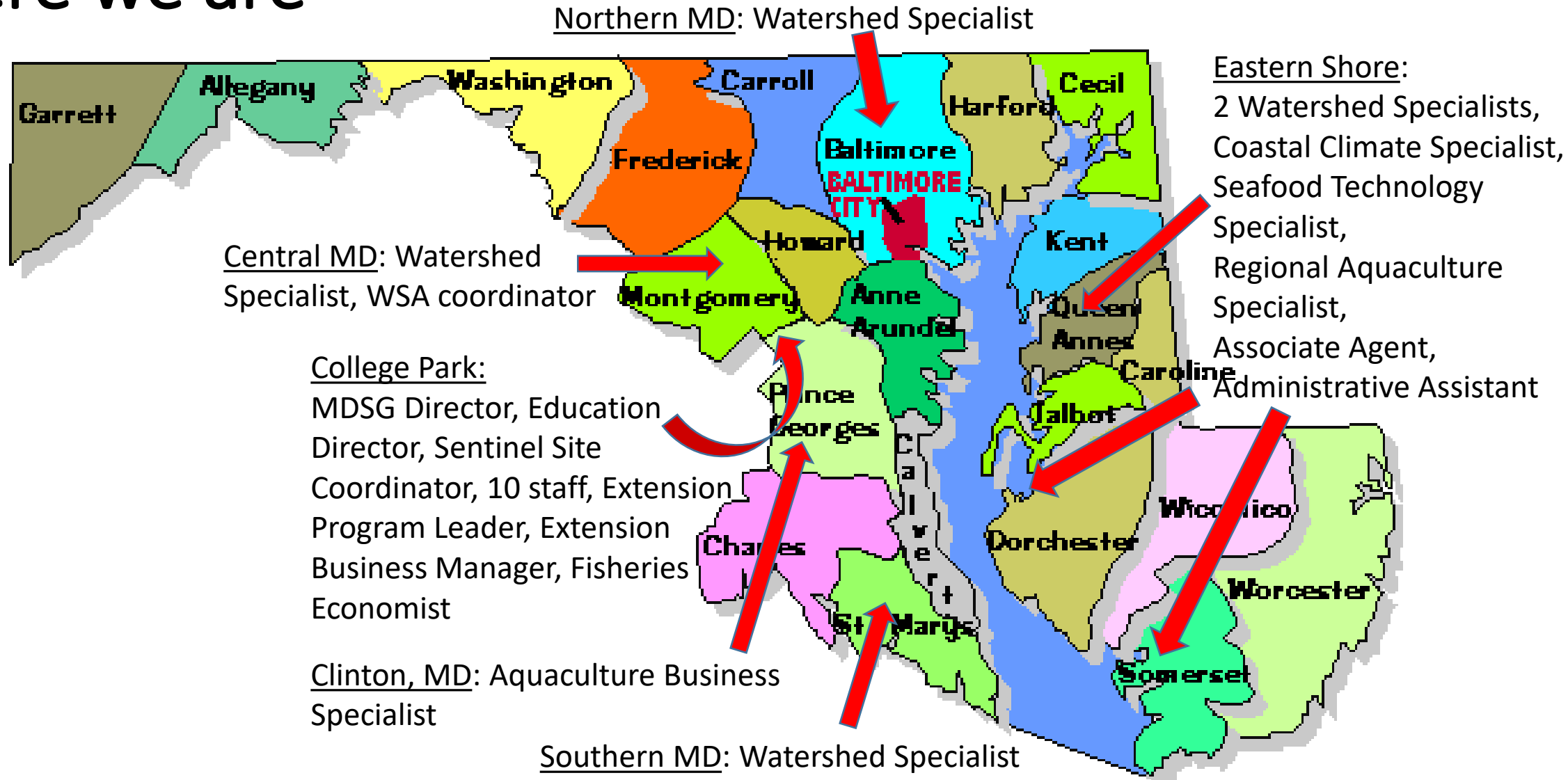


University of Maryland
CENTER FOR ENVIRONMENTAL SCIENCE

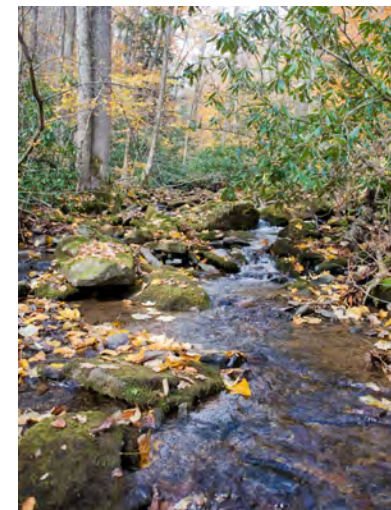
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Where we are



What we work on: Global topics...



...with local relevance



How we do what we do

Research



Extension



Communication



Education





Fellowships and Funding

- Research Experience for Undergraduates (REUs)
 - Graduate Funding
 - Graduate Research Grant
 - Graduate Fellowship
 - NOAA Knauss Marine Policy Fellowships
 - NOAA Coastal Management
 - Population Dynamics and Marine Economics Fellowship
 - Biennial Maryland Sea Grant Research Opportunity
-

Social Science



Source: Maryland Sea Grant



Perceptions of Community Resilience

A Maryland Community Pilot Study | 2016



Source: Maryland Sea Grant

*Baltimore—
Trash, housing, and drugs*



Social Science “Plus”



Source: Jennifer Dindinger

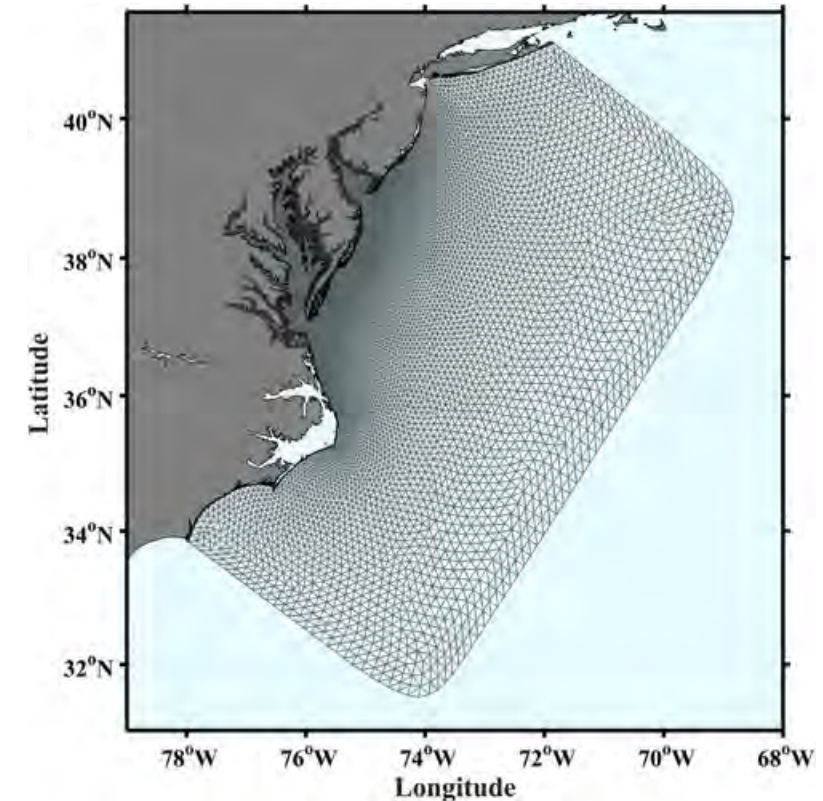


Source: Maryland Sea Grant

Visualization Tool



Source: Maryland Sea Grant



The FVCOM model domain for Chesapeake Bay, Delaware Bay, and adjacent oceanic water in the North Atlantic. Areas seen in dark grey represent the extension of the grids over land, surrounding both Chesapeake and Delaware Bays.

Source: Journal of Geophysical Research: Oceans,
Volume: 122, Issue: 5, Pages: 3917-3938, First
published: 21 April 2017, DOI:
(10.1002/2016JC012597)

Shoreline Stabilization



Source: Jennifer Dindinger



Find Maryland Sea Grant on YouTube

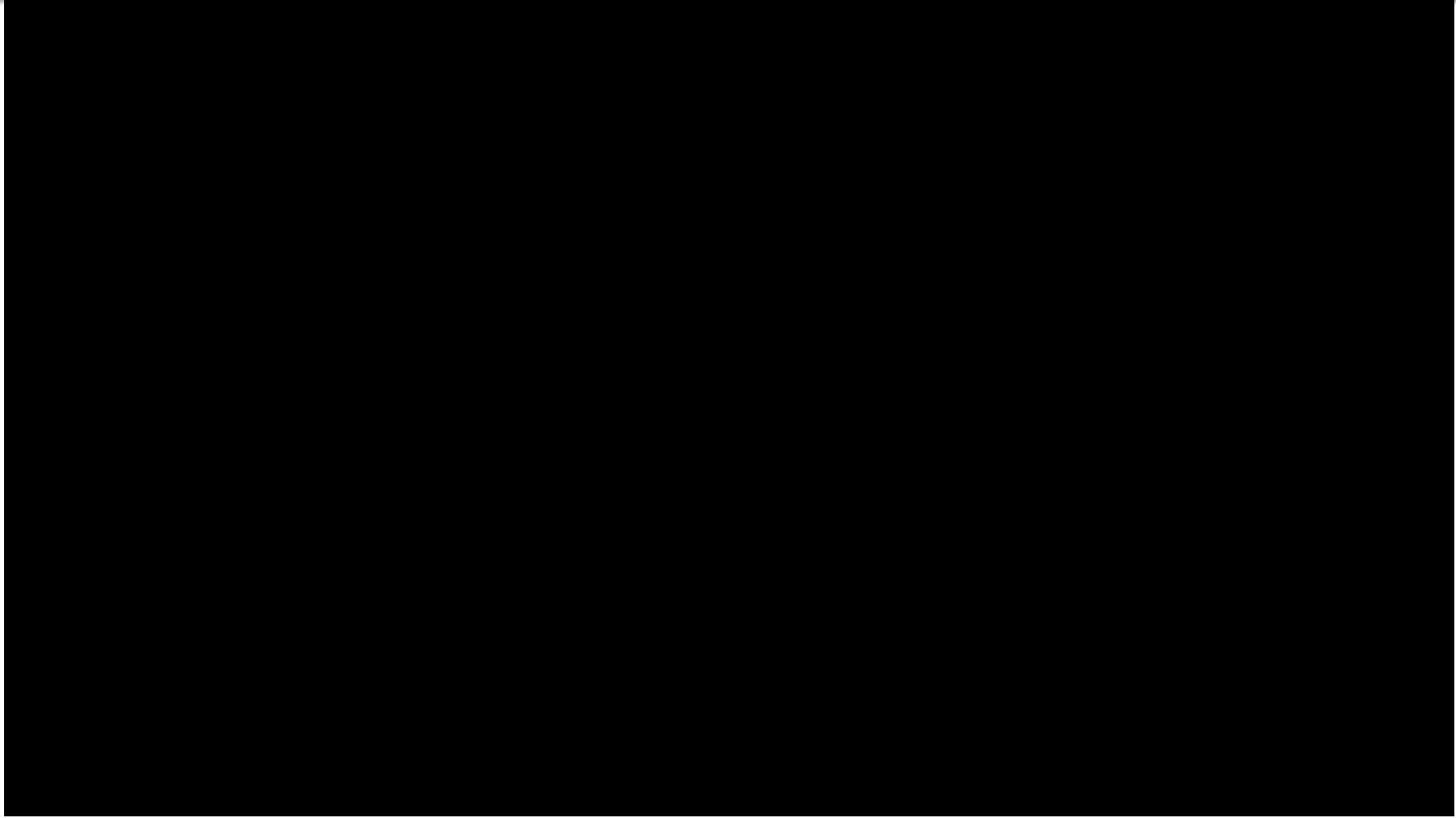
Maryland Sea Grant Communication on Climate Change

Source: Maryland Sea Grant



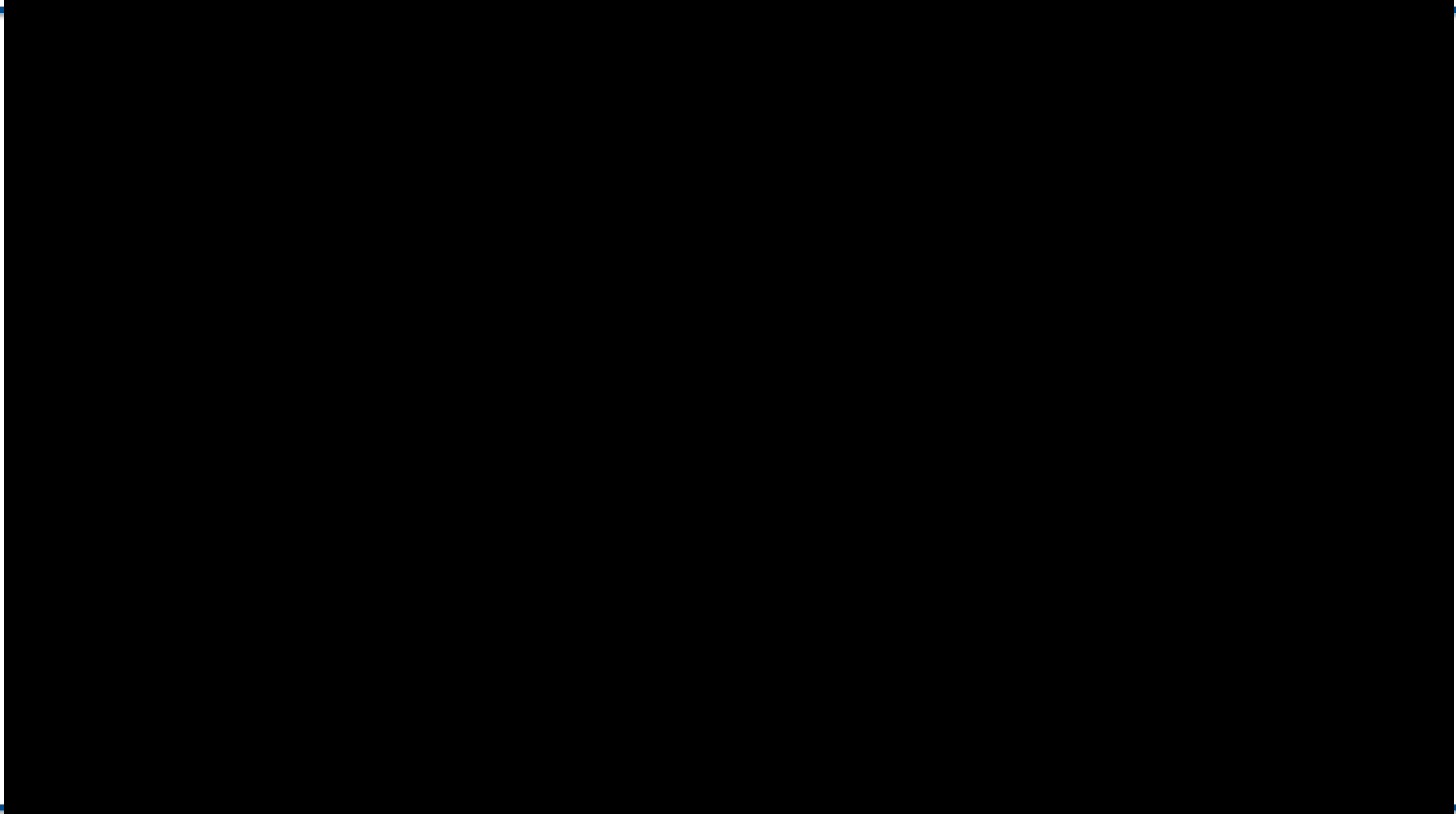


Smithville





Planting our Future



Education

NSF Award Supports New Effort to Engage Underrepresented Island Students in Marine and Environmental Sciences

October 10, 2013

Puerto Rico Undergraduate Education Initiative



2013 Puerto Rico initiative undergraduates in Fajardo, Puerto Rico.

Building a More Diverse Science Workforce

Source: Maryland Sea Grant

Extension: partners in the community

Engaging Faith Communities for Coastal Resilience



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Source: Maryland Sea Grant

Climate Change Vulnerability Assessment of the Maryland Coastal Bays Program Comprehensive Conservation & Management Plan October 2018



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Source: Maryland Sea Grant



Source: Jennifer Dindinger

Current and Future Projects



Source: morgan.edu/pearl



Source: Emma Wiermaa, University of Wisconsin-Stevens Point Northern Aquaculture Demonstration Facility

- What can we do to help YOU?