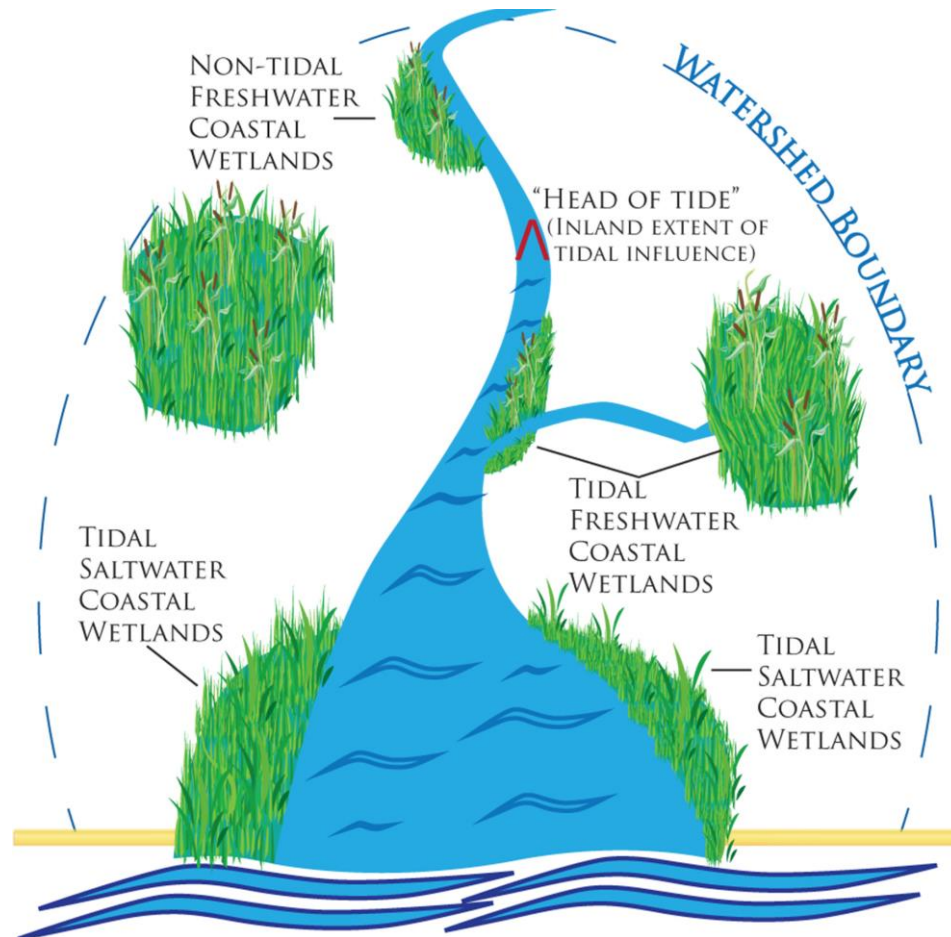


Using Innovative Wetland & Habitat Projects To Improve Infrastructure Resiliency

Rick Sheckells, Managing Principal, EcoLogix Group, Inc.





<https://www.epa.gov/wetlands/coastal-wetlands>

Wetlands are being lost at an average rate of about 80,000 acres per year from the coastal watersheds of the Atlantic, Pacific, the Gulf of Mexico and the Great Lakes.

Maintaining and restoring wetlands is critical to the future of our coasts and associated infrastructure.

Wetlands provide:



Flood Storage



Storm Surge Buffering



Erosion Control



Water Quality Maintenance



Fish and Wildlife Habitat

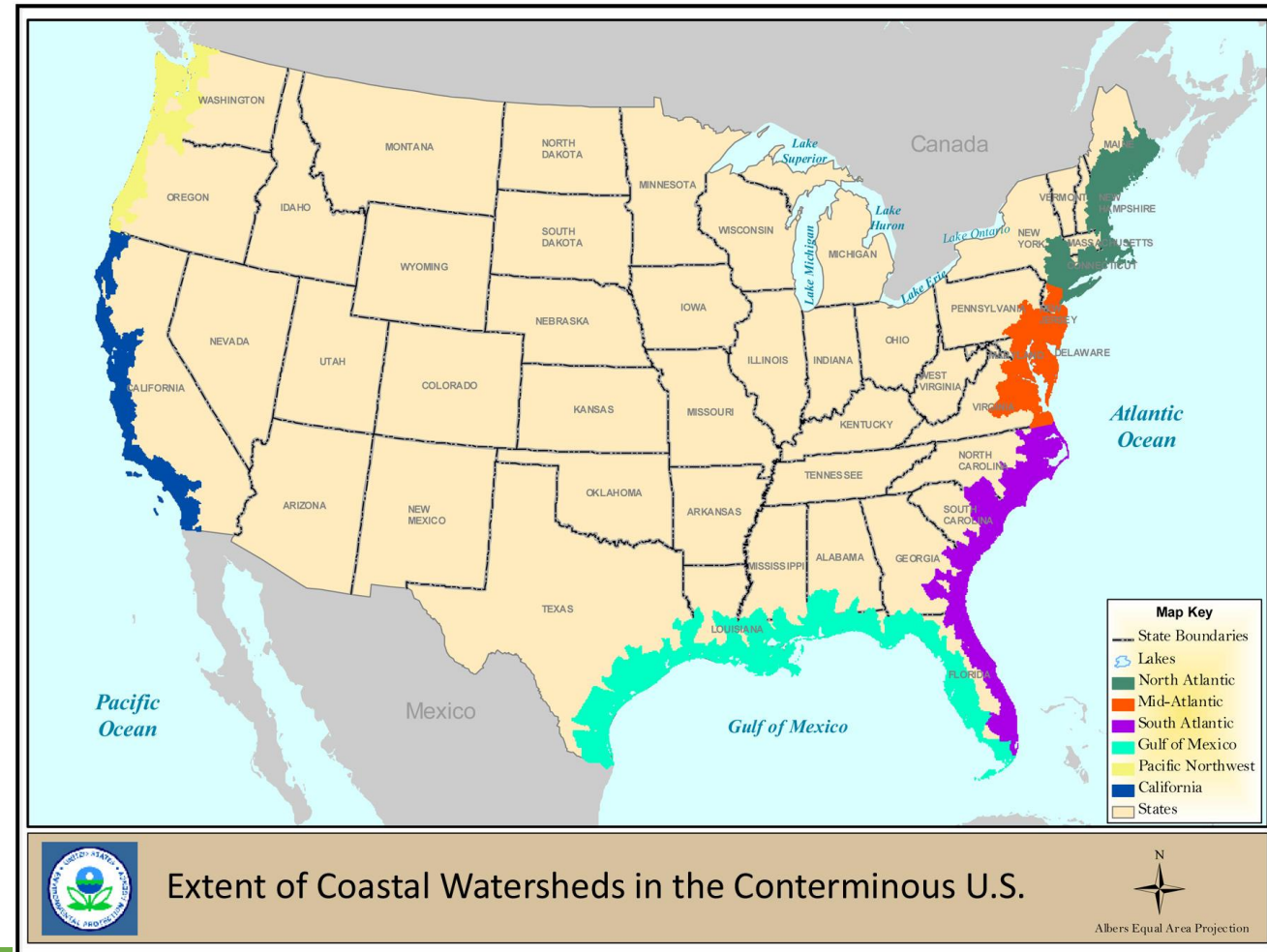
Peak floods can be reduced up to 60% in watersheds that contain 15% wetlands.

<https://coast.noaa.gov/applyit/wetlands/understand.html>

In this session we will hear in more detail about wetland protection and restoration in Seattle and New York.

But wetlands are the focus of attention on all of the Nation's coasts.

<https://www.epa.gov/wetlands/coastal-wetlands>



San Francisco Bay

Restore water and sediment flows to maintain Baylands as sea level rises

Restore Baylands in strategic areas

BAYLANDS AND CLIMATE CHANGE: WHAT WE CAN DO

Use dredged sediment as a resource, not a waste product

Plan and make space for Baylands to migrate landward

Science Update 2016

[Download the Report](#)

<http://baylandsgoals.org/>

Louisiana

CWPPRA
COASTAL WETLANDS PLANNING, PROTECTION, AND RESTORATION ACT
Restoring Coastal Louisiana since 1990

MANAGING AGENCIES

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Big Island Mining
Dredged Material & Marsh Creation

AT-03

Treasure of Sediment

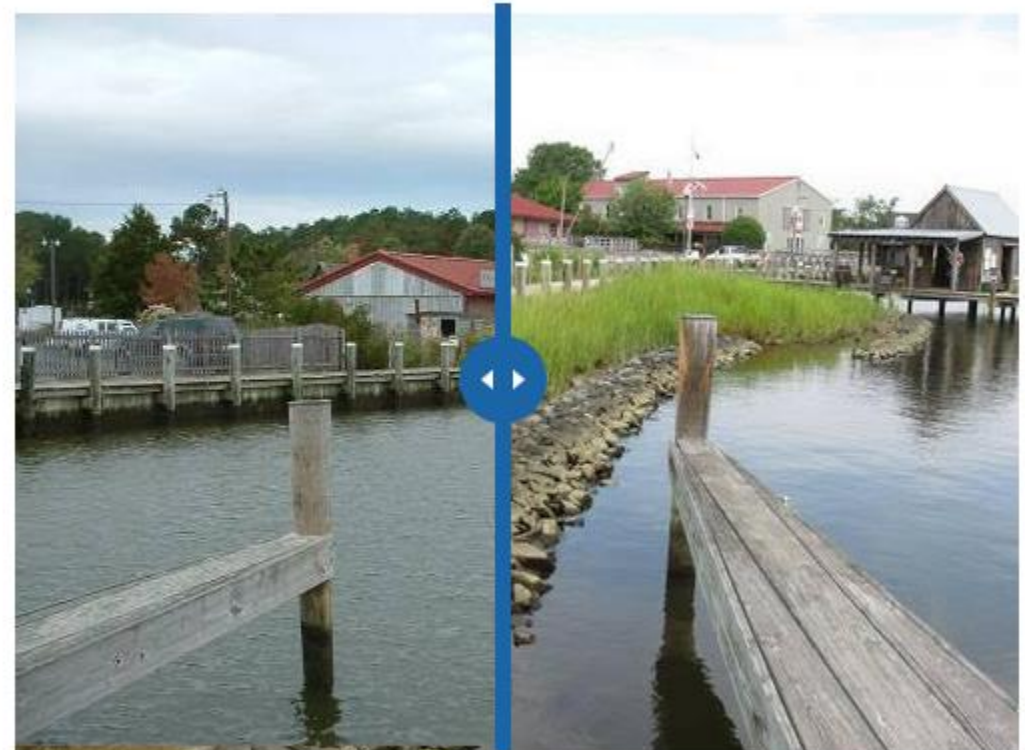
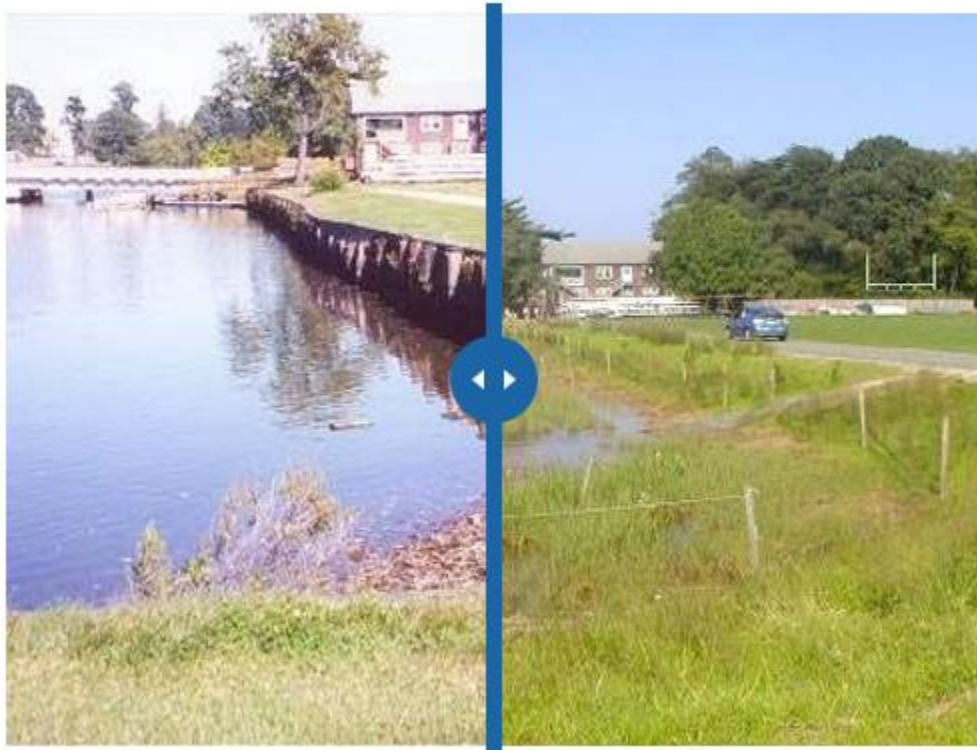
Treasure of Sediment Master: Utilizing Every Resou...

Learn about the different ways dredged material is used to rebuild land in open waters.

<https://www.lacoast.gov/new/Default.aspx>

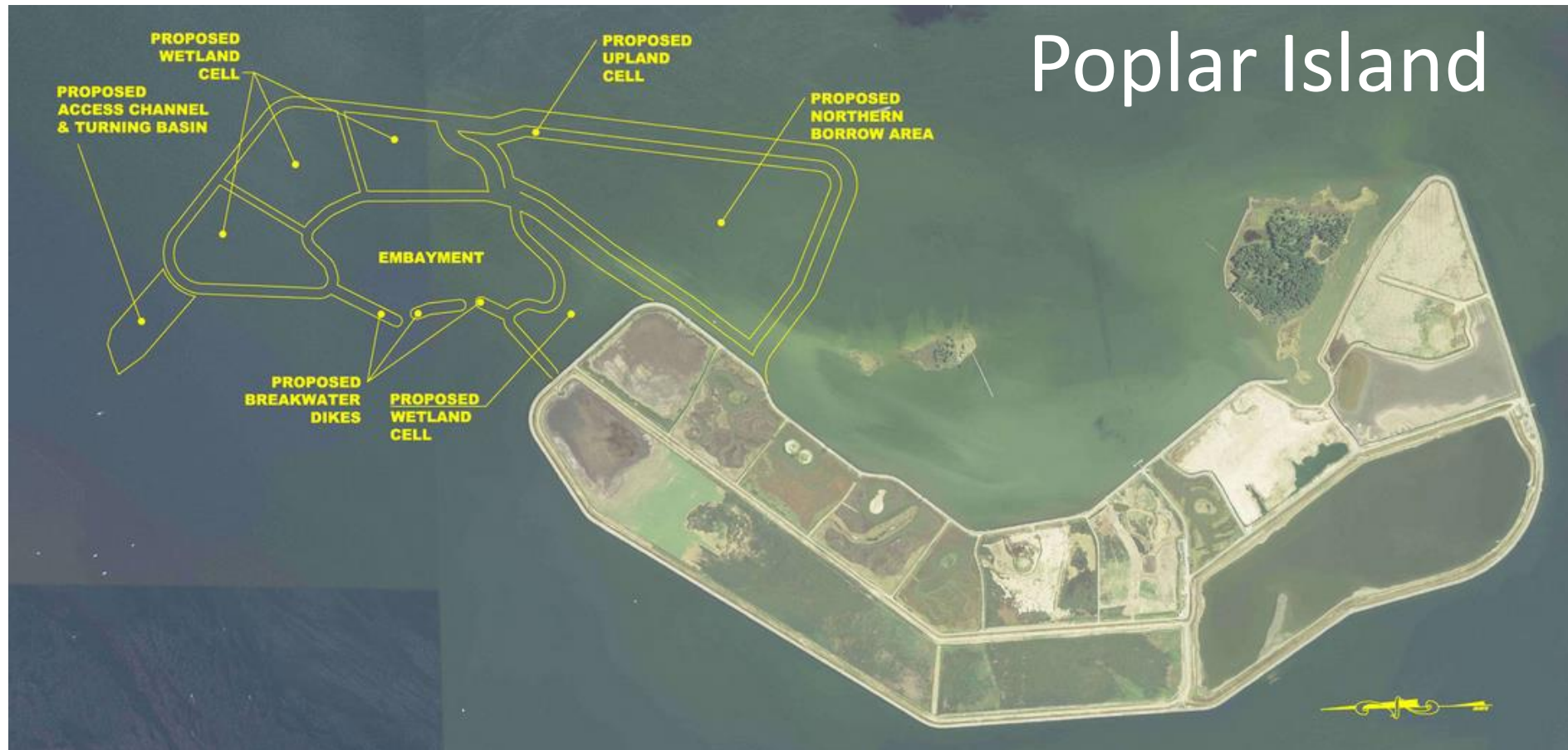
Maryland

Before & After | Living Shorelines



<https://cbtrust.org/>

Chesapeake Bay



<http://www.poplarislandrestoration.com/Home/About>