Accounting for Habitat

PHASE III WIP MILESTONE RECOMMENDATIONS

HABITAT GOAL IMPLEMENTATION TEAM

CHRISTINE CONN, CO-CHAIR

Wetlands and Buffers need more implementation focus

Multiple co-benefits for

- habitat,
- living resources and
- climate resiliency

Competitive with other BMPs for cost-effectiveness

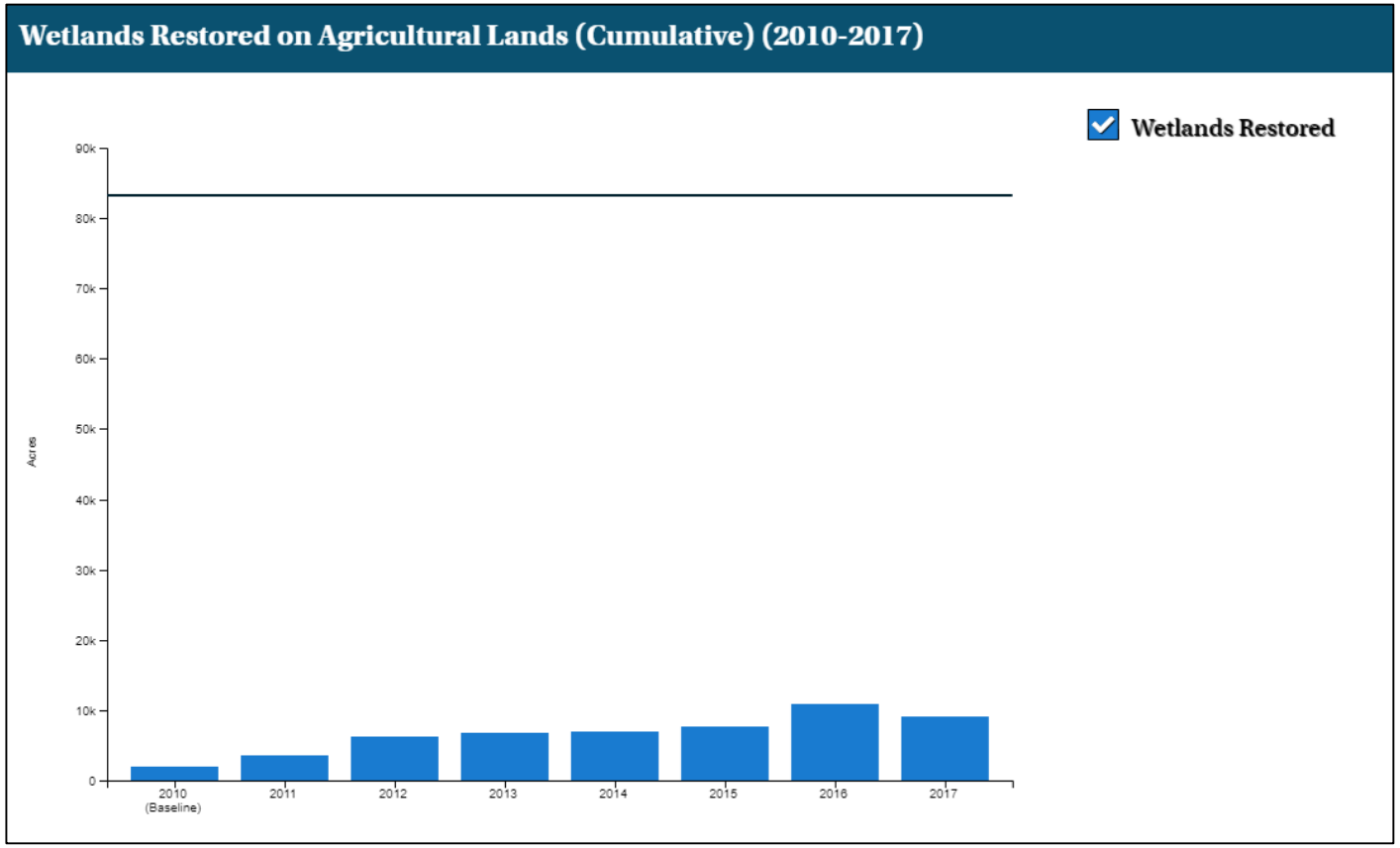
Progress needs attention

Wetlands

Between 2010 and 2017, 9,103 acres of wetlands were established, rehabilitated or reestablished on agricultural lands. This marks an 11 percent achievement of the 83,000-acre goal for agricultural land.

Create or reestablish 85,000 acres of tidal and non-tidal wetlands

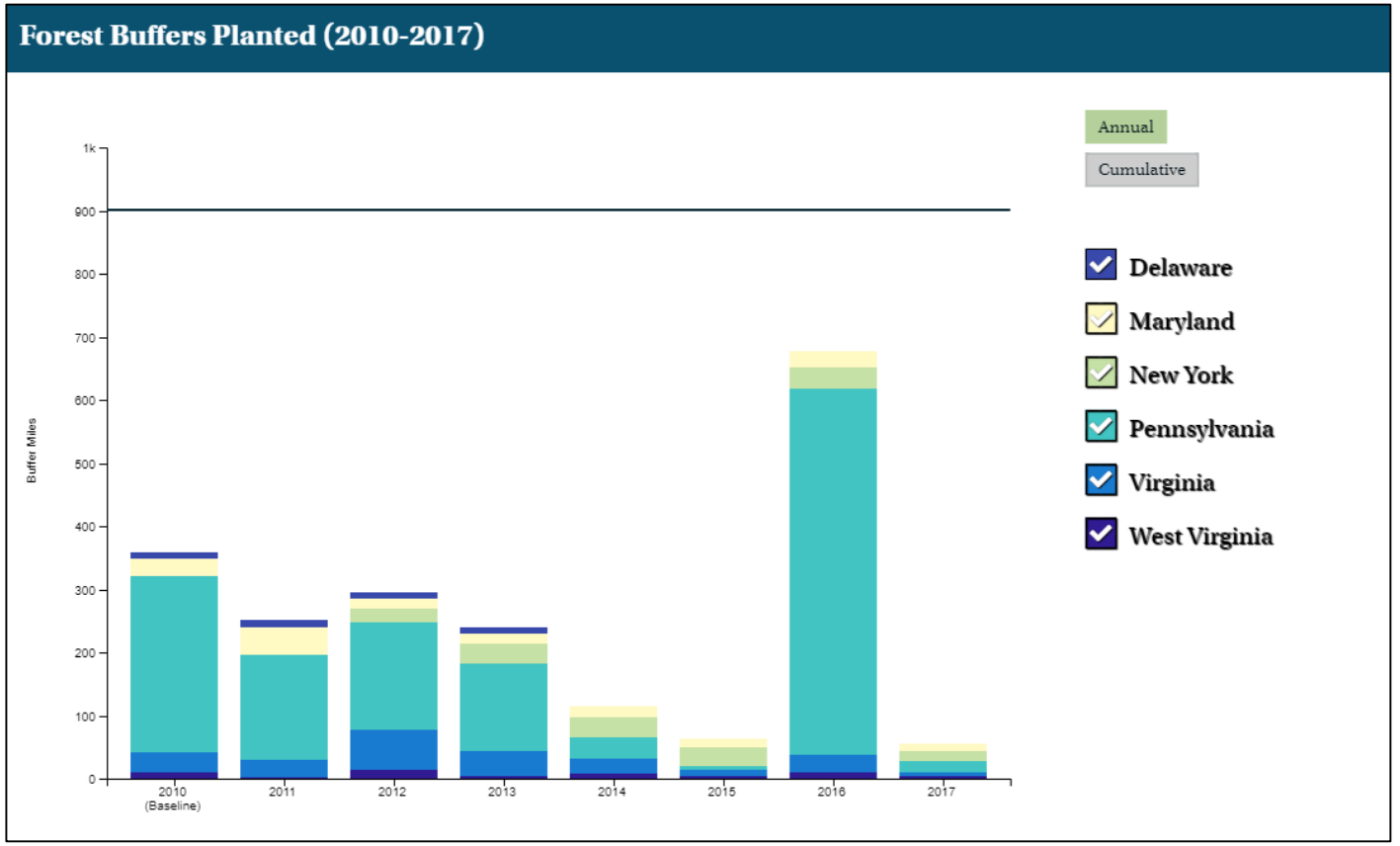
83,000 acres of restoration should be on agricultural land.



Forest Buffers

Between 2016 and 2017, about 56 miles of forest buffers were planted along rivers and streams in the Chesapeake Bay watershed. It is 844 miles below the 900-mile-per-year target and the lowest restoration total of the last 22 years.

Restore 900 miles of riparian forest buffers per year and conserve existing buffers



Numeric milestone reporting

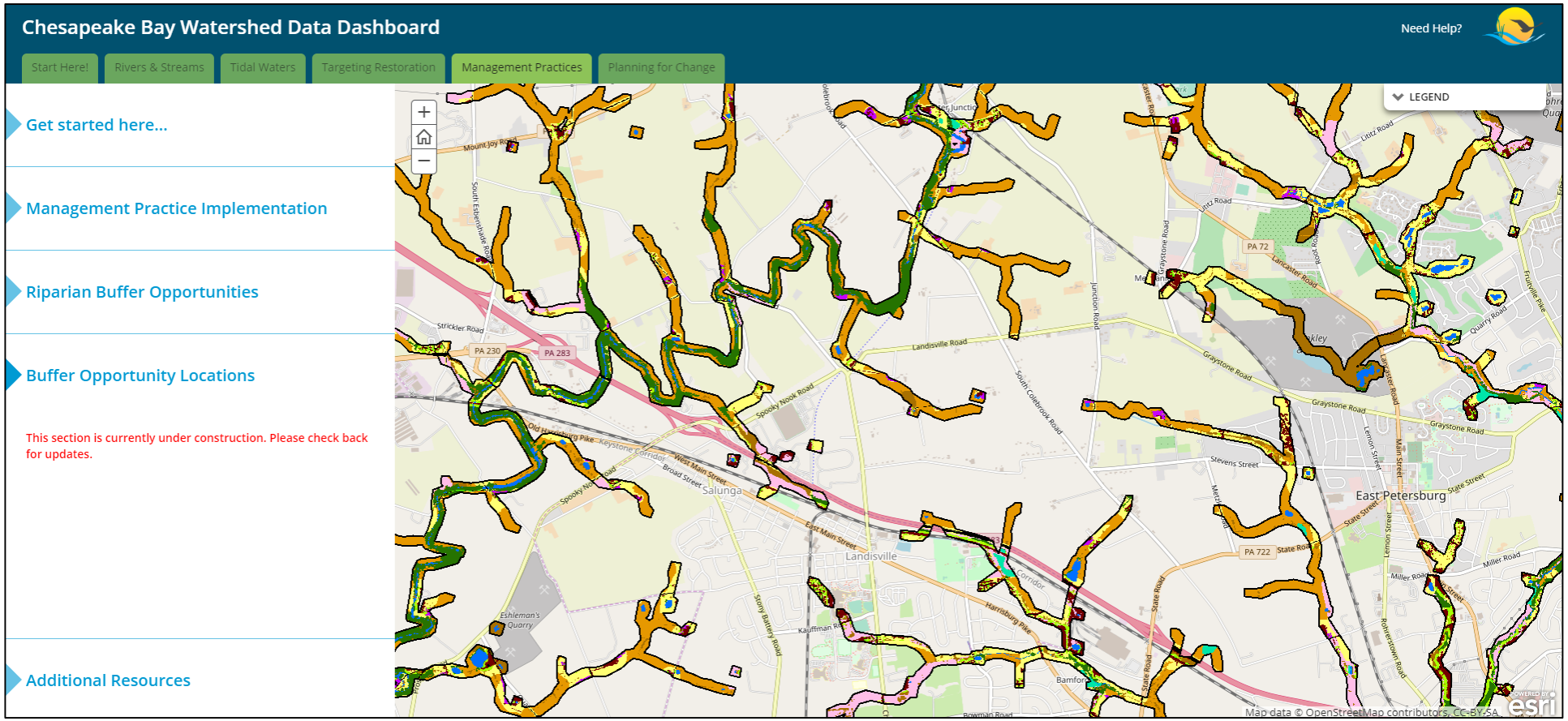
Habitat GIT requests consideration of water quality BMPs that also satisfy habitat outcomes

BMP list provided

Sector	BMP Full Name	BMP Short Name (CAST)
Developed	Forest Buffer	forestbufurban
Developed	Grass Buffers	urbgrassbuffers
Developed	Tree Planting - Canopy	urbantreeplant
Developed	Forest Planting	urbanforplant
Agriculture	Forest Buffer-Streamside with Exclusion Fencing	forestbuffexcl
Agriculture	Grass Buffer-Streamside with Exclusion Fencing	grassbuffexcl
Agriculture	Forest Buffer-Narrow with Exclusion Fencing	forestbuffexclnar
Agriculture	Grass Buffer-Narrow with Exclusion Fencing	grassbuffexclnar
Agriculture	Forest Buffer	forestbuffers
Agriculture	Forest Buffer - Narrow	forestbuffnarrow
Agriculture	Wetland Restoration - Floodplain	wetlandrestorefloodplain
Agriculture	Wetland Restoration - Headwater	wetlandrestoreheadwater
Agriculture	Wetland Creation - Floodplain	wetlandcreatefloodplain
Agriculture	Wetland Creation - Headwater	wetlandcreateheadwater
Agriculture	Grass Buffer	grassbuffers
Agriculture	Grass Buffer - Narrow	grassbuffnarrow
Agriculture	Tree Planting	treeplant
Natural	Wetland Enhancement	wetlandenhance
Natural	Wetland Rehabilitation	wetlandrehabilitate

Geographic Priorities to Leverage Co-Benefits

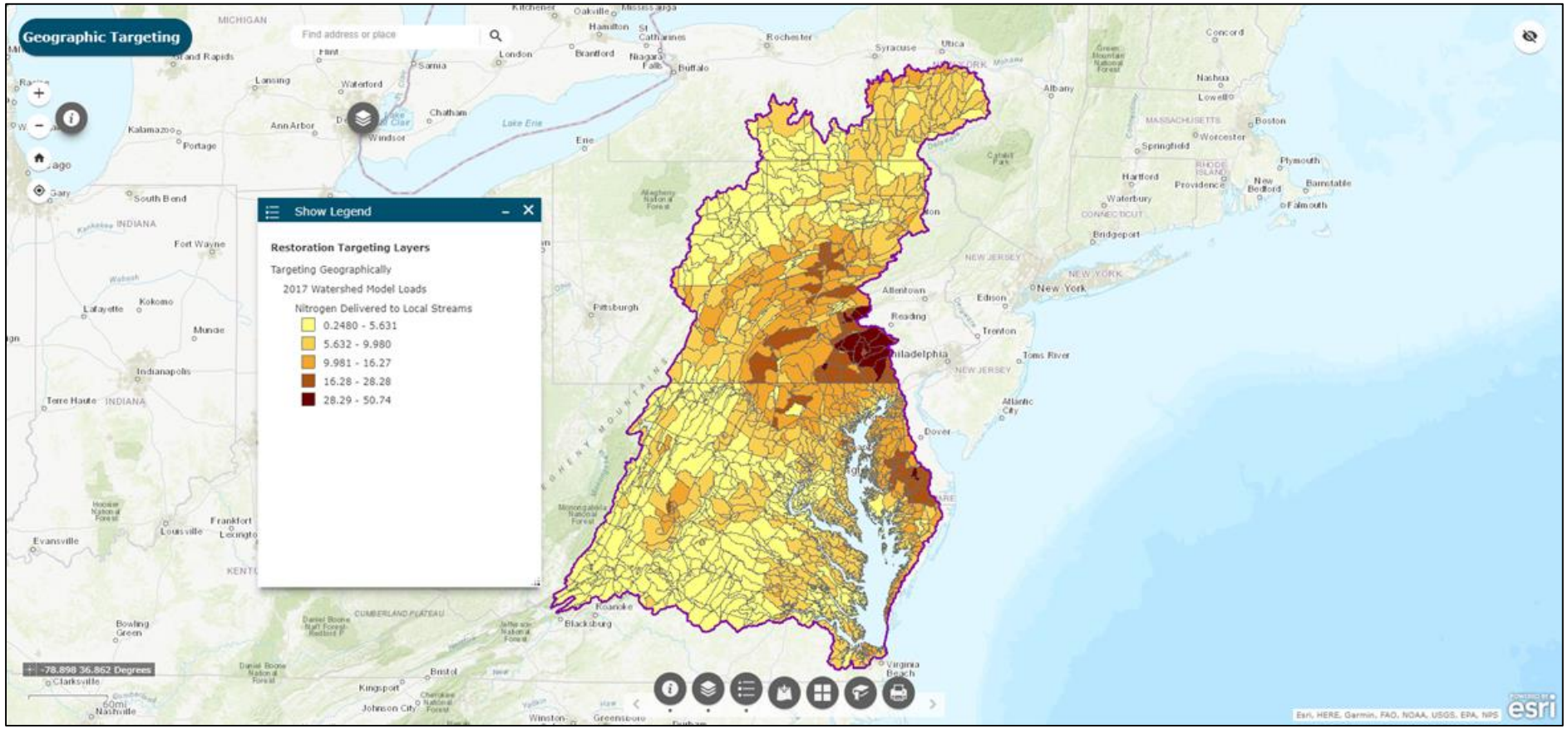
Chesapeake Bay Program Data Dashboard



https://gis.chesapeakebay.net/wip/dashboard/

Geographic Priorities to Leverage Co-Benefits

Chesapeake Bay Program Data Dashboard



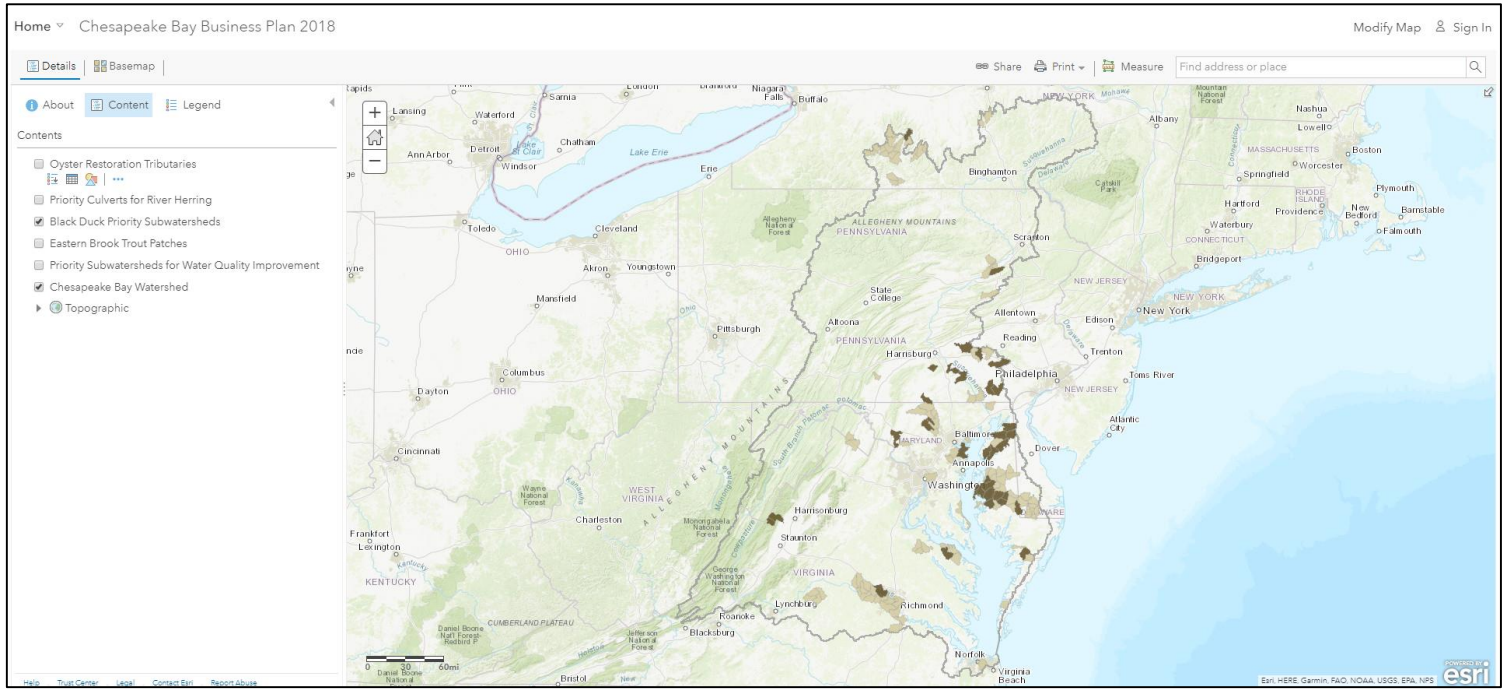
Geographic Priorities to Leverage Co-Benefits

National Fish and Wildlife Foundation Business Plan Mapping Portal

NFWF 2018 Business Plan update

Synthesizes Habitat GIT geographic priorities into a concise and “easy-to-use” implementation framework

Wetland restoration for Black Duck



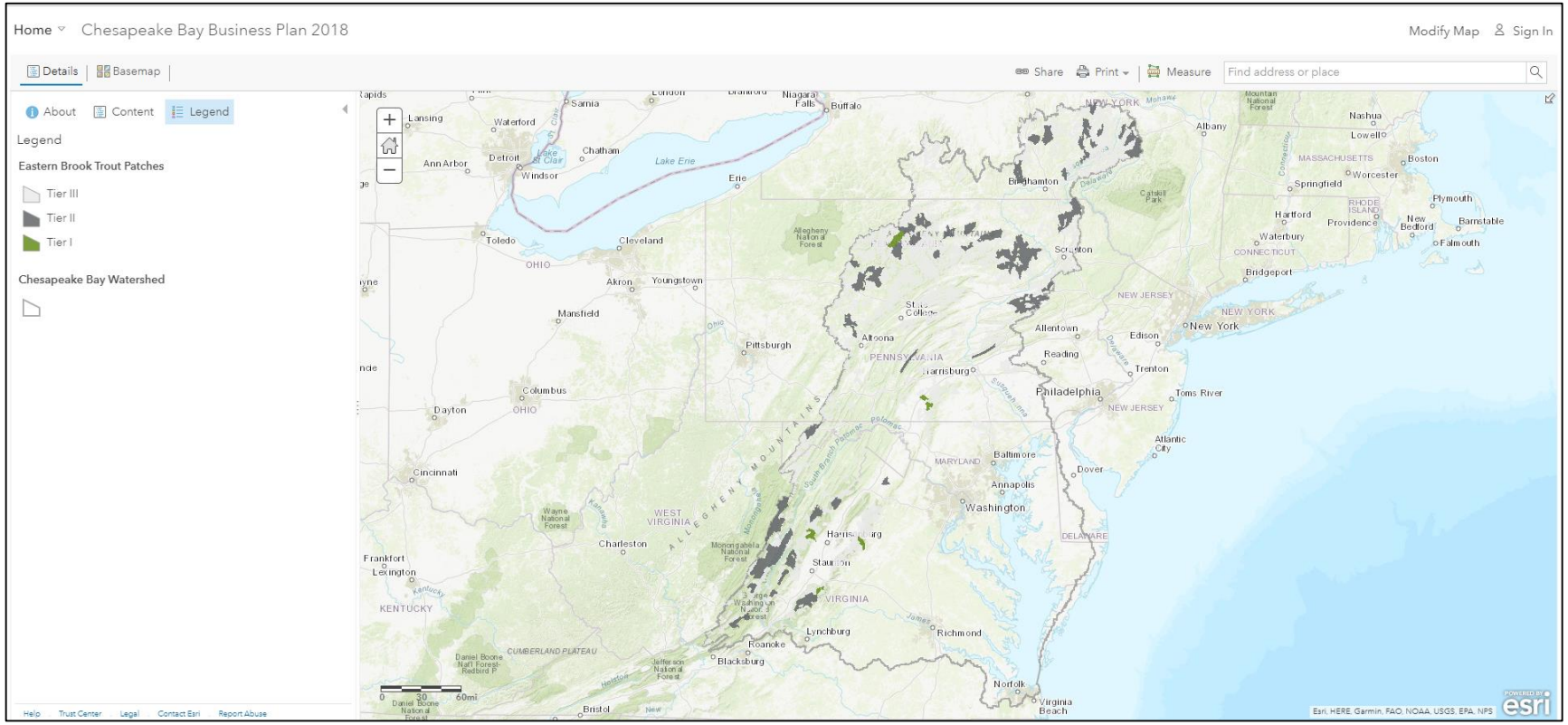
https://www.nfwf.org/chesapeake/Documents/chesapeake-business-plan.pdf

http://nfwf.maps.arcgis.com/home/webmap/viewer.html?webmap=03b04beefc2f4e88859b0632c3c70ef0

Geographic Priorities to Leverage Co-Benefits

National Fish and Wildlife Foundation Business Plan Mapping Portal

Buffer Restoration for Brook trout



http://nfwf.maps.arcgis.com/home/webmap/viewer.html?webmap=03b04beefc2f4e88859b0632c3c70ef0

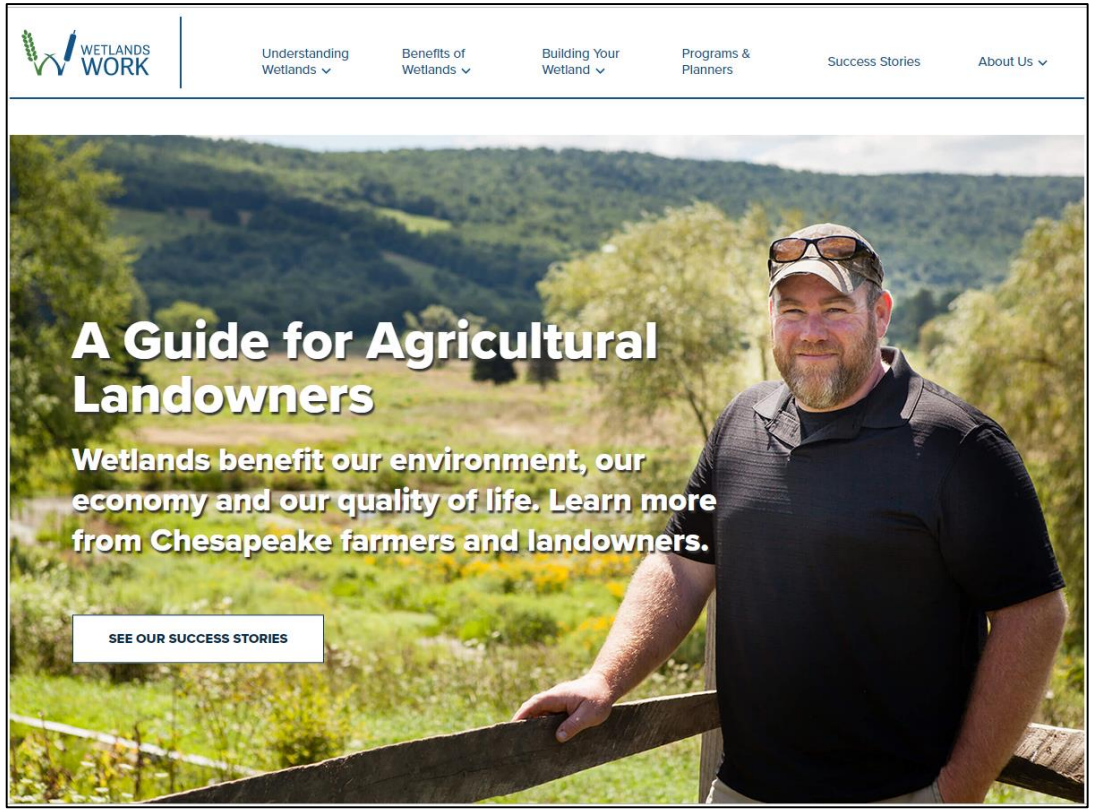
Your Customized Priorities

Habitat GIT will work with jurisdictions to develop geographic priorities that meet unique habitat and water quality objectives

Call Christine!

(410) 260-8735

Christine.Conn@Maryland.gov



https://www.wetlandswork.org/