

# What is the Chesapeake Bay Program and what does it offer me?



**Chesapeake Bay Program**

*Science. Restoration. Partnership.*

**Fueled by science; driven by partnership.**

# Welcome!



All participants have been muted.



Please use the Q&A function to ask any questions you have! They will be answered in the order they are received after the presentation.



This webinar will be recorded. It can be accessed at [https://www.chesapeakebay.net/who/group/communications\\_workgroup](https://www.chesapeakebay.net/who/group/communications_workgroup) by 5:00 p.m. on Thursday, February 25.



Having technical issues? Please email [mbaldine@chesapeakebay.net](mailto:mbaldine@chesapeakebay.net).



# What is the Chesapeake Bay Program?

A unique regional partnership

**We are  
committed to  
the Chesapeake  
Bay.**

**A trusted  
authority.**

**A partnership.**

**What is the Chesapeake Bay Program?**



## Who is the Chesapeake Bay Program?

- A regional partnership from the federal to the local level working together for an environmentally and economically sustainable Chesapeake Bay watershed.

# Who are we not?

We are **not** solely the Environmental Protection Agency.

We are **not** any of the following organizations either.

- Chesapeake Bay Foundation
- Chesapeake Bay Trust
- Alliance for the Chesapeake Bay
- Chesapeake Bay Commission
- Chesapeake Legal Alliance
- Waterkeepers Chesapeake
- Chesapeake Research Consortium
- Chesapeake Conservancy
- Chesapeake Conservation Partnership
- Or any others!

# Chesapeake Bay Watershed Agreement



*The Chesapeake Bay Program partners envision an environmentally and economically sustainable Chesapeake Bay watershed with clean water, abundant life, conserved lands and access to the water, a vibrant cultural heritage, and a diversity of engaged citizens and stakeholders.*

2 0 1 4

5 themes  
10 goals  
31 outcomes

- Abundant Life
  - Sustainable Fisheries
  - Vital Habitats
- Clean Water
  - Healthy Watersheds
  - Toxic Contaminants
  - Water Quality
- Climate Change
  - Climate Resiliency
- Conserved Lands
  - Land Conservation
- Engaged Communities
  - Environmental Literacy
  - Public Access
  - Stewardship



# Water Quality

Clean Water Goal

2025 Watershed Implementation  
Plans

Water Quality Standards  
Attainment and Monitoring



# ChesapeakeProgress

A publicly-accessible website tracking  
our progress in meeting the outcomes of  
the *Watershed Agreement*.



**CHESAPEAKE**

**PROGRESS**

[www.chesapeakeprogress.com](http://www.chesapeakeprogress.com)

The background features several concentric circles of varying radii, some solid and some dashed, in a light gray color. A large green callout box is centered on the page, containing the text. The callout box has a rectangular top and a pointed bottom.

# Bay Barometer

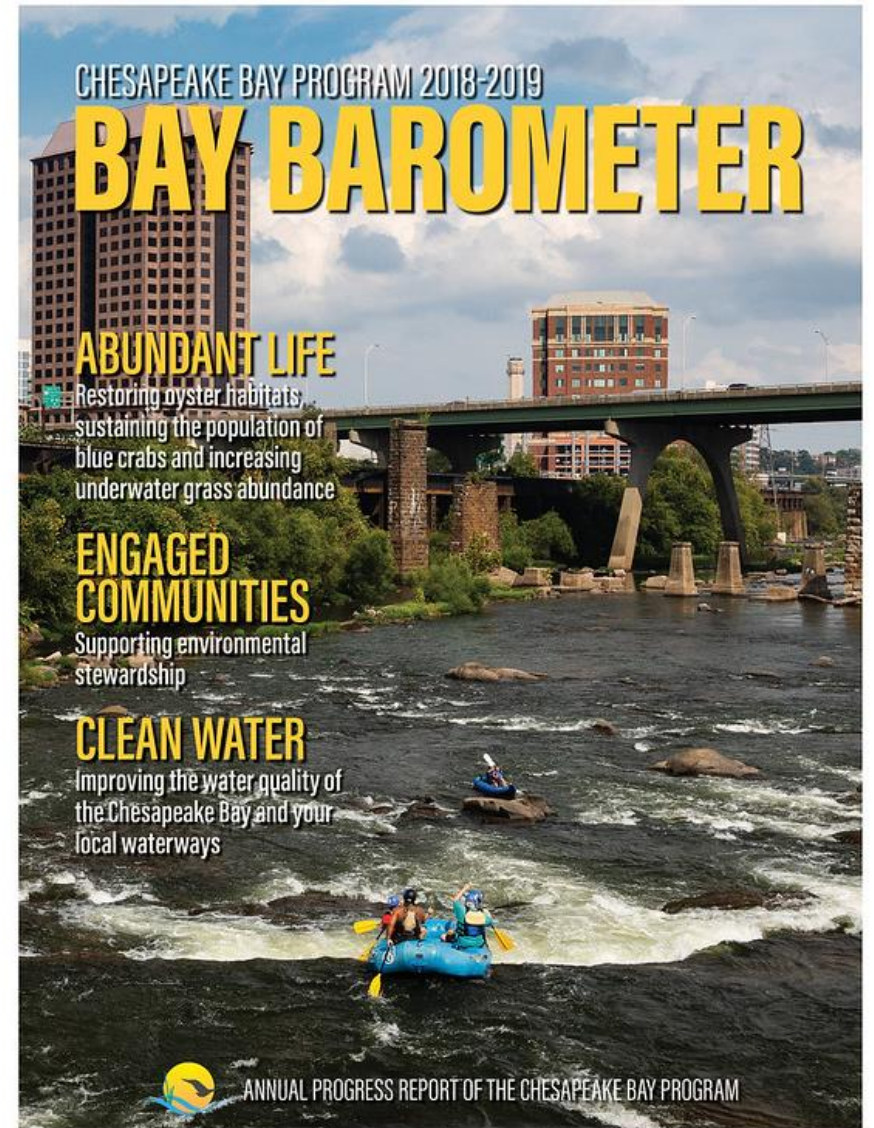
Annual snapshot of outcome  
updates


# Bay Barometer

Annual report on watershed health


Retrospective summary of previously published indicators.

Update on progress toward each one of the 31 outcomes in the *Chesapeake Bay Watershed Agreement*



The image features a central green speech bubble with a white outline and a small tail pointing downwards. Inside the bubble, the text "What does the Chesapeake Bay Program offer?" is written in white, sans-serif font. The background is white with several concentric, overlapping circles and lines in light gray and green, some solid and some dashed, creating a dynamic, abstract pattern.

What does the  
Chesapeake Bay  
Program offer?

- 
- **World-class scientific data and information.**
  - **Access to subject matter experts across several fields.**
  - **Web content.**
  - **Articles and stories.**
  - **Photography and videos.**



# Environmental data

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Modeling

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Monitoring

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Chesapeake Monitoring Cooperative  
(community science)

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Data Dashboard

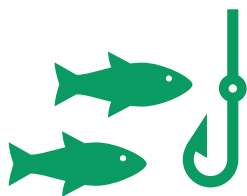
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Other datasets:

<https://www.chesapeakebay.net/what/data>



# Subject Matter Experts



**We offer subject matter expertise  
in a variety of areas including:**

Agriculture—Kelly Shenk, Agricultural Advisor, EPA

Water Quality Monitoring—Scott Phillips, Chesapeake Bay Coordinator,  
USGS

Stormwater, Tom Schueler, Director, Chesapeake Stormwater Network

Oysters—Stephanie Westby, Oyster Restoration Program Director, NOAA

Land Use—Peter Claggett, Research Geographer, USGS

Adaptative Management/CBP History and Overview/Partnerships—Carin  
Bisland, Chief of the Partnerships and Accountability Branch, EPA



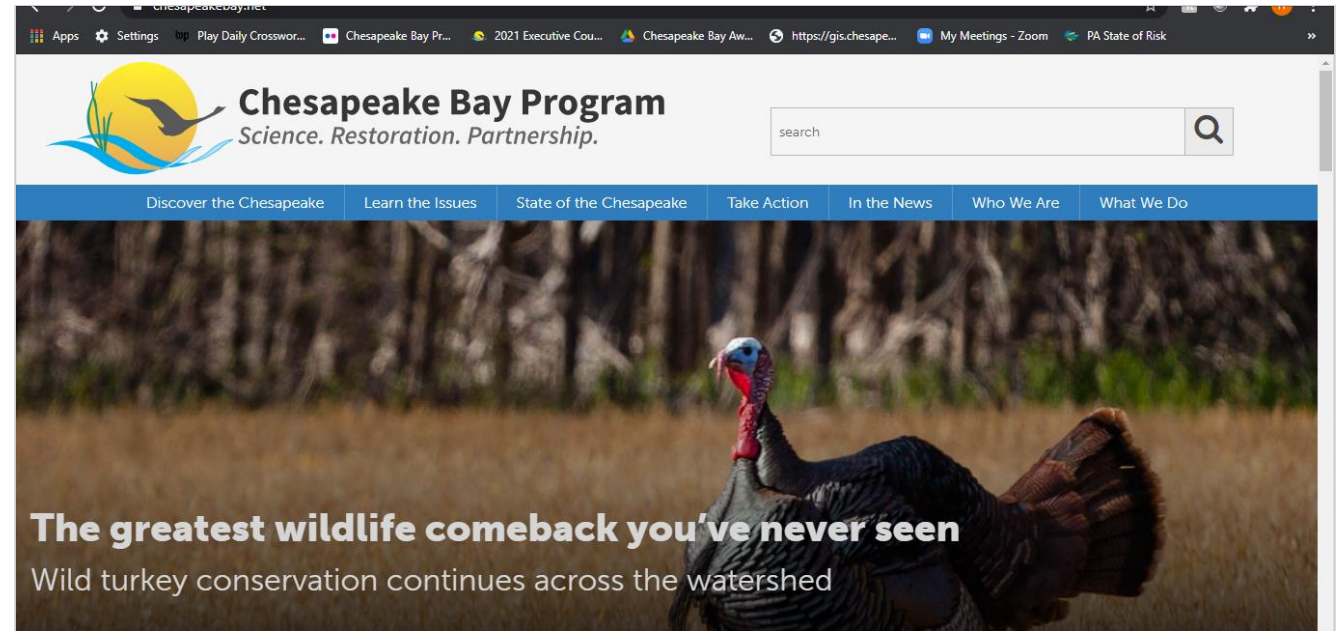
**Chesapeake Bay Expertise  
Database**

The background features a series of overlapping, concentric curved lines in shades of light gray and white, some solid and some dashed, creating a sense of depth and movement. A prominent green speech bubble shape is centered on the page, containing the main text.

# Web Content, Articles and Stories

The life of the Chesapeake on a personal scale –  
available to reprint for your publication

# Web Content, Articles and Stories

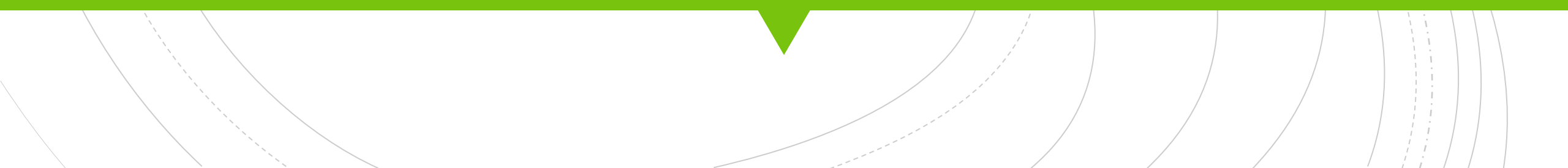


- Personal experiences of watershed residents.
- Insider look at scientific discovery.
- Art and activism.
- Animals and the ecosystem.



# Photography and Video

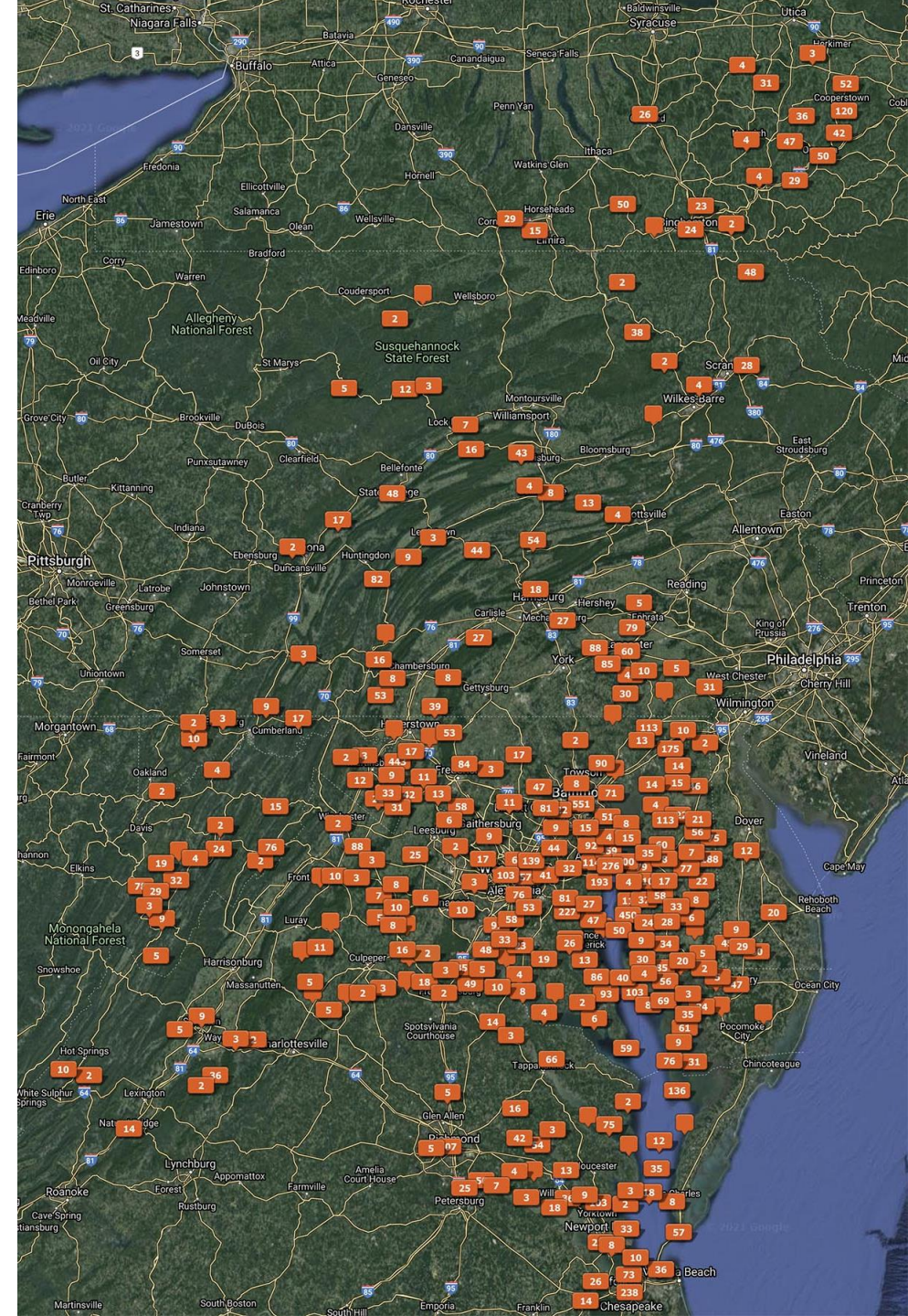
Documenting life in the Chesapeake Bay watershed



We travel.

Over 14,000 photographs publicly available.

Each Chesapeake watershed jurisdiction represented.





## Who do we cover?

- Environmental professionals.
- Scientists and researchers.
- Volunteer stewards.
- People connecting with their watershed.



What do we  
cover?

- **Agriculture.**
- **Parks and green spaces across the watershed.**
- **Wildlife.**
- **Restoration efforts.**

## Videos: Most Recent

Browse our collection of videos to learn about everything from blue crabs and oysters to hands-on science and restoration projects.



All

Most Recent

Most Popular

Events

How To's

People & Places

Restoration

Science



### Chesapeake Climate: Fighting floods

In a region of New York along the upper Susquehanna River, managing more intense storms takes a watershed approach.



### Oyster restoration succeeds in Maryland's Little Choptank River

Oyster restoration in the tributary is one of the largest such efforts in the world.



### Chesapeake Climate: Underwater grasses

Reducing pollution helps bay grasses withstand warming temperatures and more extreme weather.



### Chesapeake Climate: Regenerative Farming

A family farm has learned that improving soil health improves their ability to endure more extreme weather.



### Chesapeake Climate: Brook trout

Warming temperatures threaten a striking fish that depend on cool, clean water.



### Chesapeake Climate: Urban heat islands

The urban heat island effect can raise the temperature in cities, but urban tree canopy can help keep neighborhoods cool.

# Video

- Introductory videos about environmental issues.
- Stories about science, restoration, recreation and more.

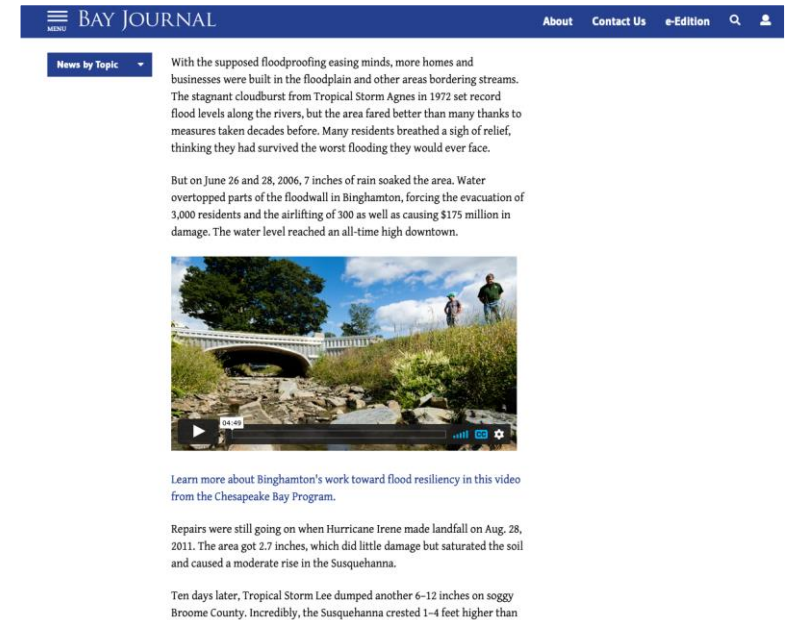
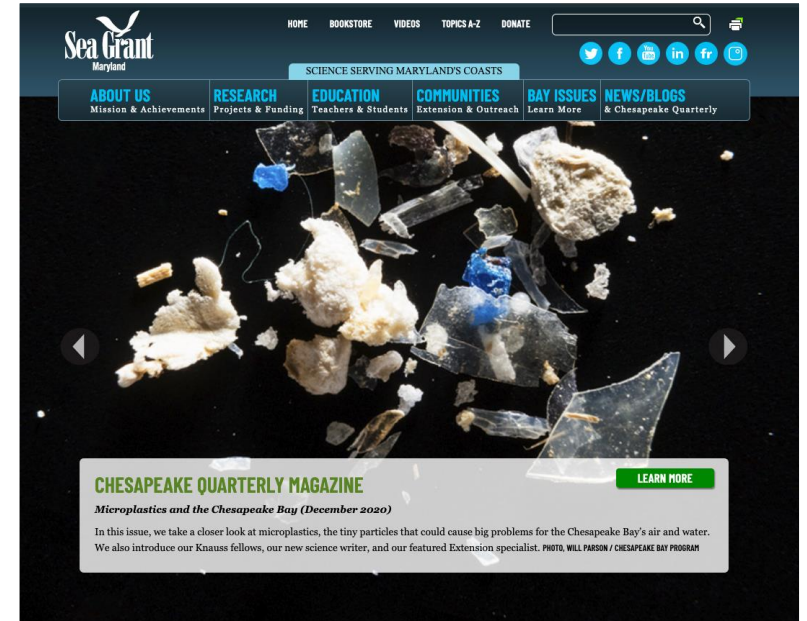


# How it's used

Videos are embeddable.

Raw footage is available.

Photo and video requests should be directed to [wparson@chesapeakebay.net](mailto:wparson@chesapeakebay.net).



## Multimedia Resources

- Vimeo:

<https://vimeo.com/chesapeakebay>

- YouTube:

<https://www.youtube.com/user/chesbayprogram>

- Flickr:

<https://www.flickr.com/chesbayprogram/>

- Terms of use:

<https://www.chesapeakebay.net/site/terms>




Additional Resources

Homepage - Bay Backpack x +

baybackpack.com

Apps Settings Play Daily Crosswor... Chesapeake Bay Pr... 2021 Executive Cou... Chesapeake Bay Aw... https://gis.chesape... My Meetings - Zoom PA State of Risk



Search


MWEE Guide Teaching Resources Action Projects Field Experiences Funding Blog About

## Bay Backpack

Providing educators with information about funding opportunities, field studies, curriculum guides and lesson plans related to environmental education. Bay Backpack helps educators find the tools they need to give their students Meaningful Watershed Educational Experiences, or MWEEs.

Download the MWEE Guide

Enroll in the MWEE Course



Type here to search

8:38 PM 2/22/2021

<https://baybackpack.com>



# Welcome to the Chesapeake Tree Canopy Network

Connecting you with resources, stories, and best practices to [understand your canopy](#), [expand your canopy](#), and [maintain your canopy](#). Learn about and make the case to others [why tree canopy](#) is so critical to a healthy, vibrant Chesapeake Bay watershed. We are building this resource as we go, so please [send your ideas](#) and suggestions for making the network most helpful.



<https://chesapeaketrees.net/>

## Relief From the Heat: In Rapidly Warming Cities, Trees Can Save Lives

[Read More](#)

Get updates on tree canopy news and events!

[SIGN UP](#)

[NEWSLETTER ARCHIVES](#)

## Tree Canopy Initiatives

Find local tree canopy assessments, goals, and urban forestry contacts.

My Style Map



Looking to participate in the tree canopy conversation? Join our group on the





# Chesapeake Riparian Forest Buffer Network

ABOUT US CONTACT US CHESAPEAKETREES.NET

WHY FOREST BUFFERS? RESOURCES SUCCESS STORIES CHESAPEAKE RFB INITIATIVE

## Welcome to the Chesapeake Riparian Forest Buffer Network

Connecting you with information and the Chesapeake forest buffer community... Learn about forest buffer programs, resources, and stories in the Chesapeake. Find out why forest buffers are so critical. We are always updating this network, so please send your ideas to improve it.



Bobby Whitescarver [Read More](#)



## Riparian Forest Buffer Progress in the Chesapeake Bay Watershed

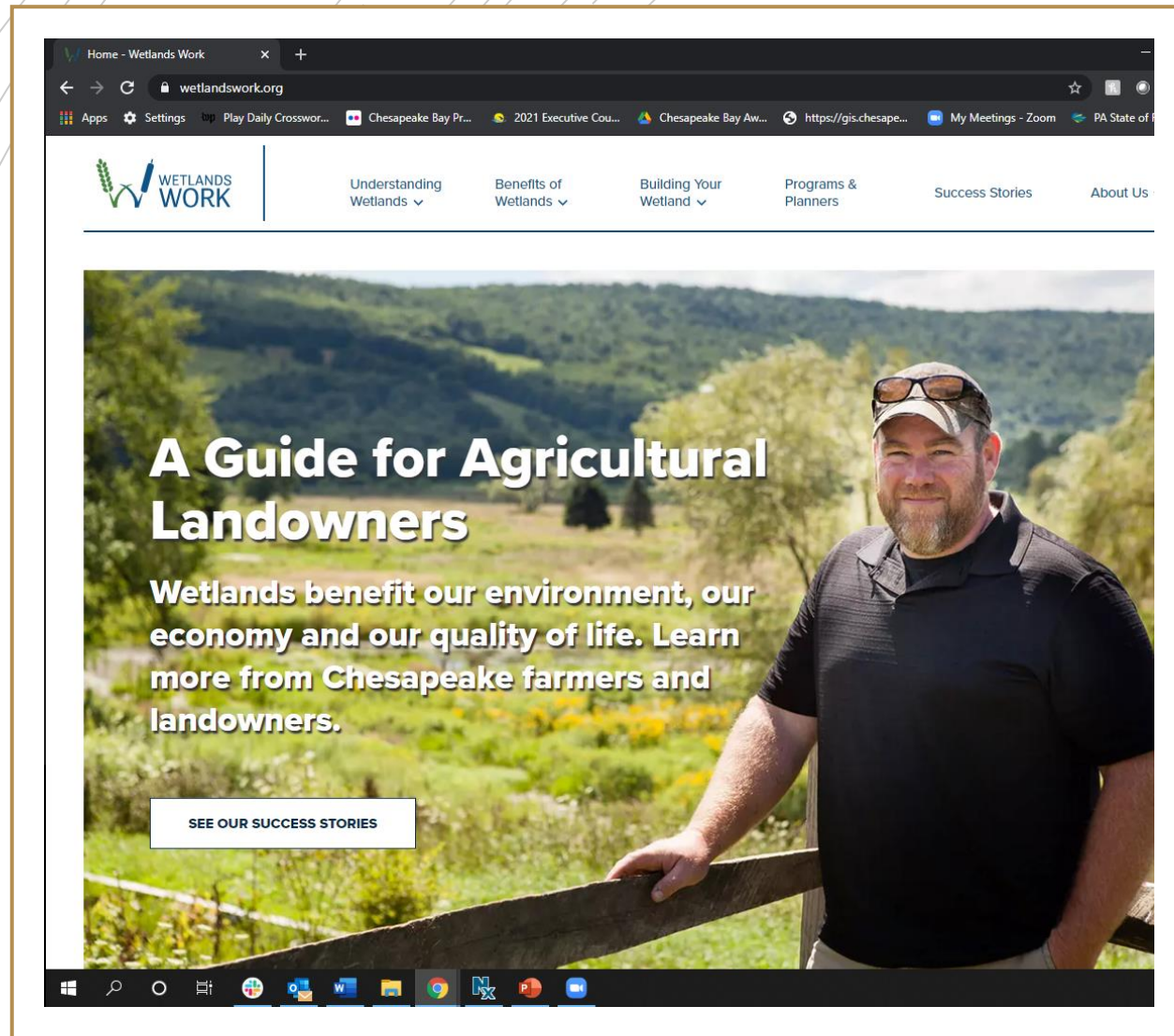
This map shows acres of agricultural and urban riparian forest buffers as reported to the Chesapeake Bay Program in 2018. Click on the county to see new buffers installed in 2018 and total acres enrolled to date.



Looking to be part of the riparian forest buffer conversation? Join our group on



<https://chesapeakeforestbuffers.net>



- <https://www.wetlandswork.org>



# Working together to understand the health of our waters

Learn More





Start Here!

Rivers & Streams

Tidal Waters

Targeting Restoration

Management Practices

Land Policy & Conservation

## Welcome to the Chesapeake Bay Watershed Data Dashboard (Beta)

What is the Dashboard?

What can you do with it?

How can I get started?

Updates

### What is the Dashboard?

The Chesapeake Bay Watershed Data Dashboard is an online tool that provides accessibility and visualization of data and

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



# Chesapeake Assessment Scenario Tool

[LOG IN](#)

[HOME](#) [PUBLIC REPORTS](#) [LEARNING](#) [ABOUT](#) [CONTACT US](#)

**New to CAST?**  
Rapidly develop scenarios for reducing nitrogen, phosphorus, and sediment with varying best management practices to streamline environmental planning.  
Register for increased functionality and to stay updated.

[Register](#) [Where To Start](#)

## RESOURCES

### DEVELOP A PLAN

Get answers to your questions about how to use CAST to develop a plan.

### SOURCE DATA

Download data tables including information on load sources and agencies, BMPs, animals, geographic references and delivery

### BMPS

View information on best management practices (BMPs) including calculations, a quick reference guide, and protocol and

<https://cast.chesapeakebay.net>

# Social Media



<https://twitter.com/chesbayprogram>



<https://www.facebook.com/chesapeakebayprogram>



<https://www.instagram.com/chesbayprogram/>



Questions?

What can we provide to help you out?

# Contacts

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