

Presentation Outline

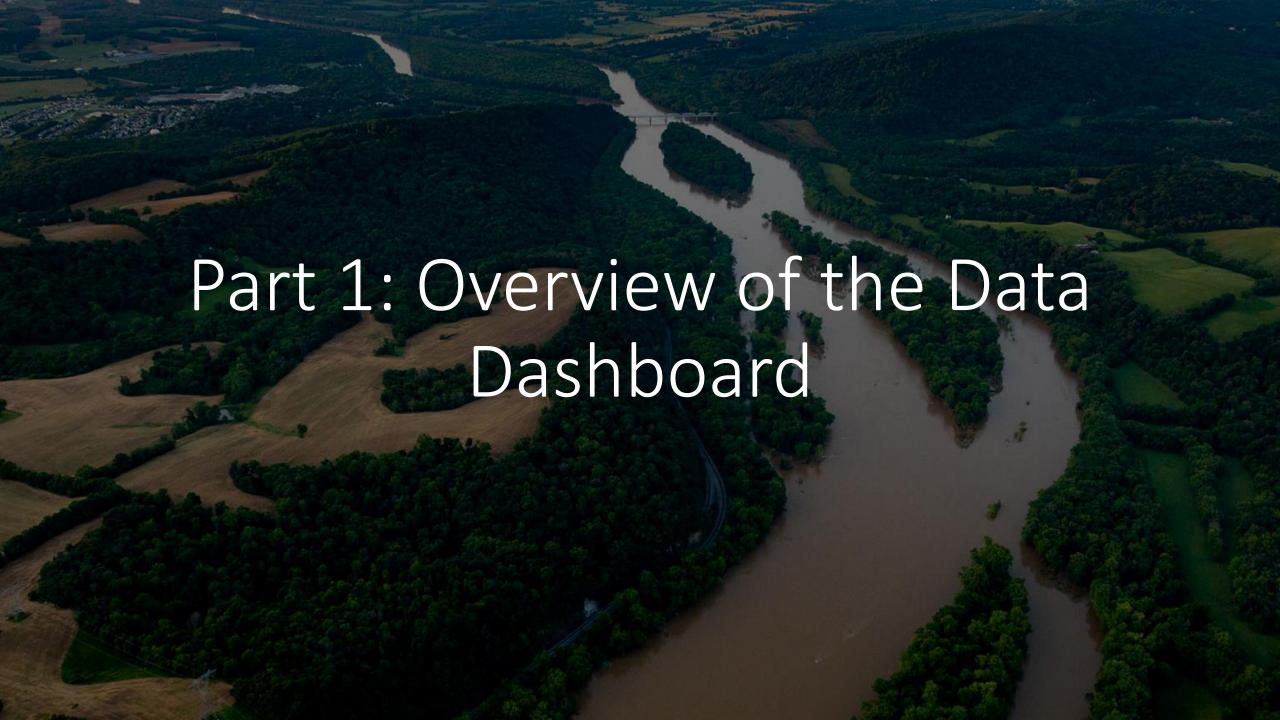
Part 1: Overview of the Data Dashboard

- . What is purpose of the Data Dashboard?
- II. Newly updated data and application
- III. What information does it show?
- IV. Who is the intended audience?
- V. How can you use it?

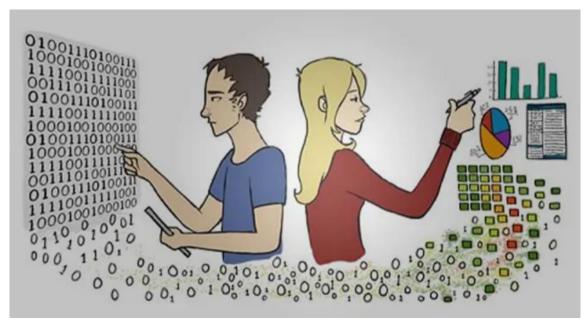
Part 2: Live Demo

- Rivers and Streams
- II. Tidal Waters
- II. Targeting Restoration
- V. Management Practices
- V. Prioritizing Other Benefits

Part 3: Questions and Discussion



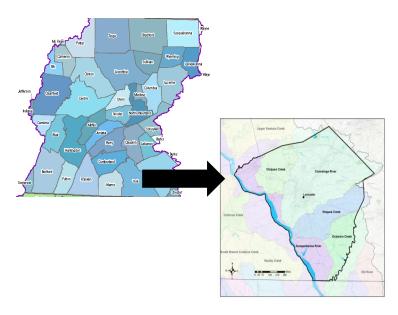
Chesapeake Bay Watershed Data Dashboard



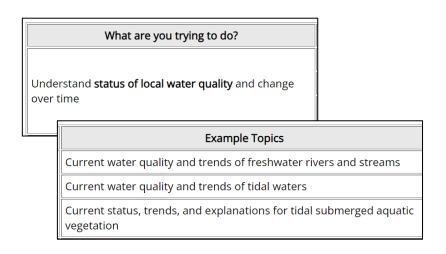
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The "Data Dashboard" is an online tool that provides accessibility and visualization of a large amount of scientific data and technical information to help guide water quality and watershed planning efforts.

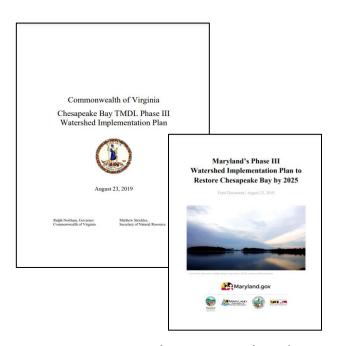
Chesapeake Bay Watershed Data Dashboard



Informs restoration efforts for environmental managers and planners at both state and local levels.



Provides guidance on how and why the information should be used.



Assists with watershed restoration plan development and implementation.

Dashboard 2.0 Updates

- Utilizing 2021 Progress Data (CAST)
- Utilizing 2020 monitoring data, RIM stations data 2022
- Data Dashboard now uses the ESRI- Experience Builder application
- Updated Land-Use 2017-18 HR imagery

Watershed Data Dashboard (Draft)

Rivers & Streams

Tidal Waters

Targeting Restoration

Management Practices

Land Policy & Conservation

Prioritizing Other Benefits



Welcome to the Chesapeake Bay Watershed Data Dashboard!

What is the Dashboard?

What can you do with it?

How can I get started?

Updates

What is the Dashboard?

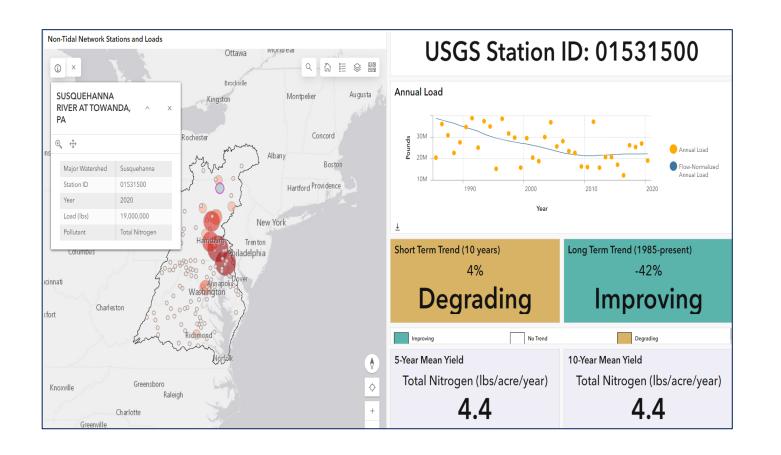
The Chesapeake Bay Watershed Data Dashboard is an online tool that provides accessibility and visualization of data and technical information that can help guide water quality and watershed planning efforts.

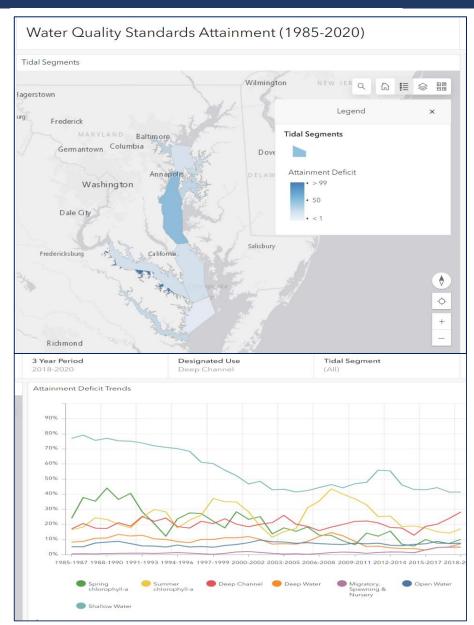
A large amount of scientific and technical information is available to environmental managers and planners at both state and local levels to inform restoration efforts. Much of this information has been updated or newly generated in recent years and can inform watershed restoration plan development and implementation. This information includes, but is not limited to:

- Tidal and watershed water quality monitoring trends
- Living resources trends and explanations
- Information to help geographically target restoration efforts
- Information to help choose best management practices (BMPs)
- Current reported BMP implementation and opportunities
- Opportunities for smart growth and land conservation

A compilation of information at both state and local levels to inform restoration efforts. It includes:

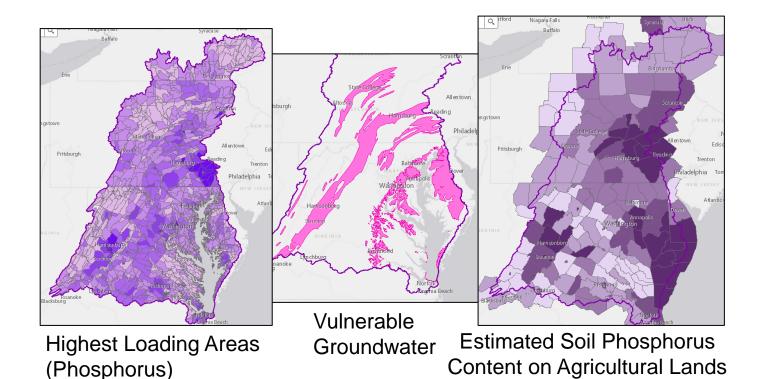
i. Tidal and watershed water quality monitoring trends





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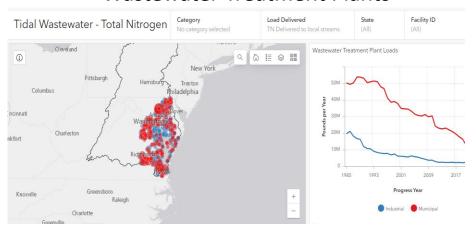
- . Tidal and watershed water quality monitoring trends
- ii. Information to help geographically target restoration efforts



CAST Annual Progress Model Data



Wastewater Treatment Plants

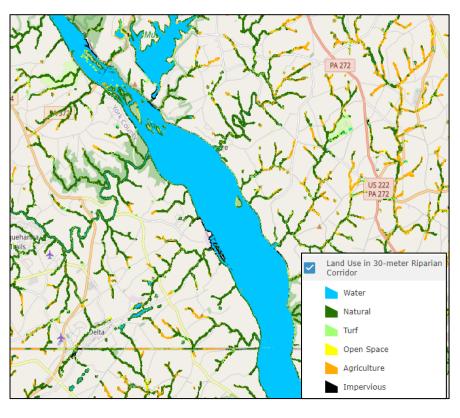


A compilation of information at both state and local levels to inform restoration efforts. It includes:

- i. Tidal and watershed water quality monitoring trends
- ii. Information to help geographically target restoration efforts

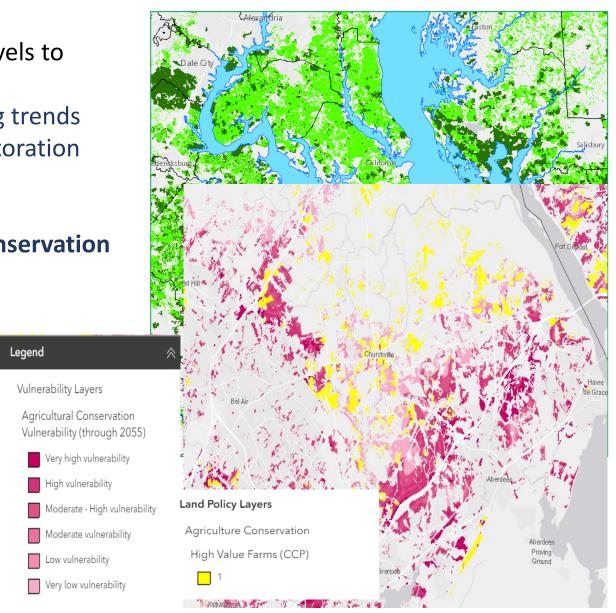
iii. Information to help choose BMPs

BMP =	Avg. Nitrogen \$/Ib reduced/	Avg. Phosphorus \$/lb reduced/
Horse Pasture Management	0.00	614.83
Low Residue Tillage	0.00	0.00
Nutrient Application Manag	0.00	602.23
Nutrient Application Manag	0.00	390.85
Nutrient Application Manag	0.00	1,075.80
Nutrient Application Manag	0.00	1,272.27
Urban Nutrient Managemen	t 3.55	65.26
Pasture Alternative Wateri	3.57	20.81
Alternative Crops	7.51	-123.67
Urban Forest Planting	8.65	76.13
Grass Buffers	13.03	197.14
Tree Planting	15.27	208.99



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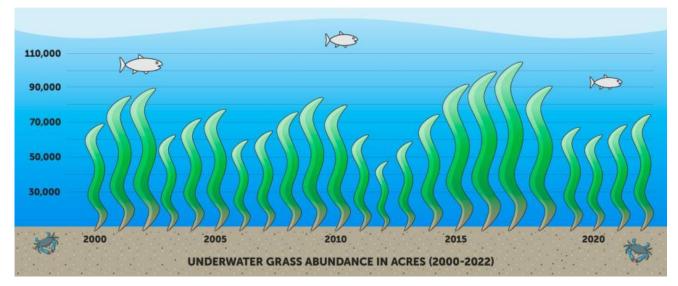
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- Tidal and watershed water quality monitoring trends
- ii. Information to help geographically target restoration efforts
- iii. Information to help choose BMPs
- iv. Opportunities for smart growth and land conservation
- v. Living resources trends and explanations

How much underwater grass is in the Chesapeake Bay?

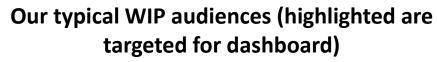


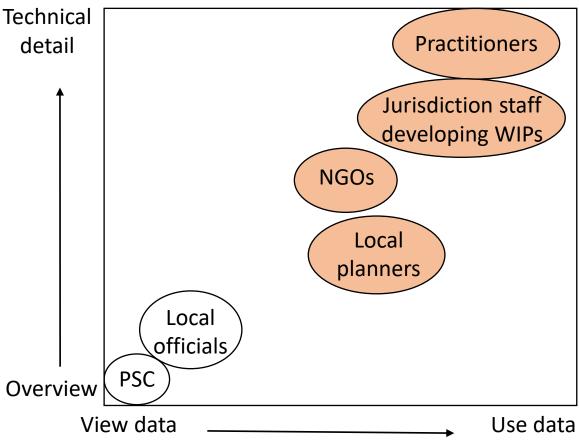
Who should use the Data Dashboard?

Anyone seeking information that can aid in their planning process for water quality restoration.

Possible users include:

- State agency staff
- NGO partners
- Local planners (e.g. municipality level, soil conservation district level, county level, etc.)
- Watershed organizations

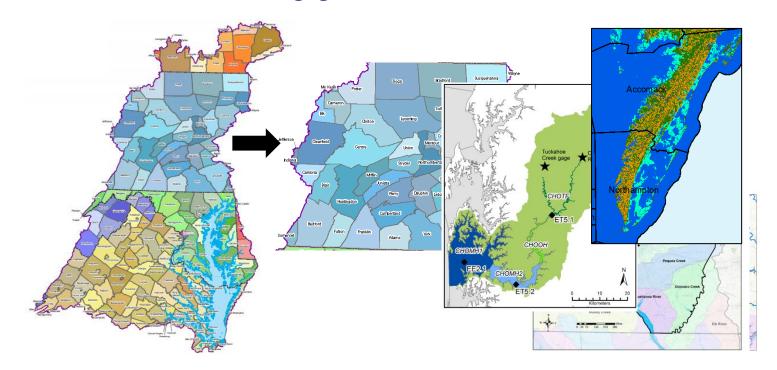




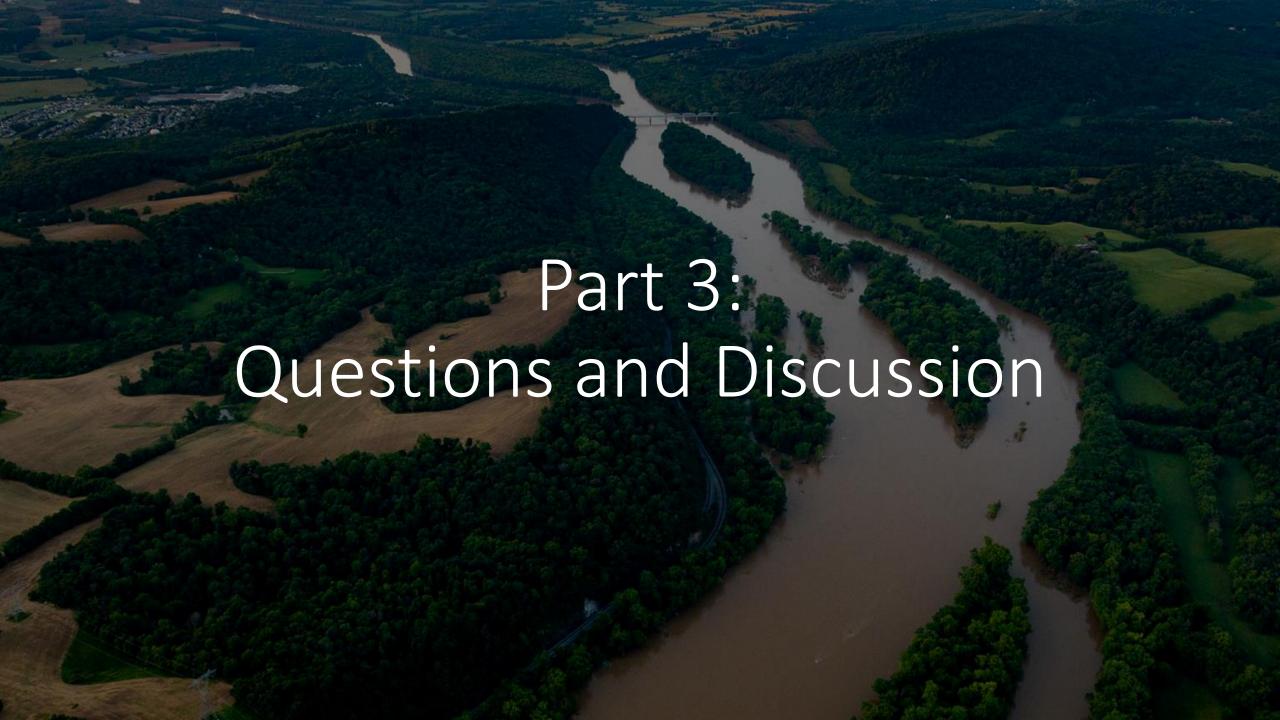
What can you do with it?

The Dashboard contains information that can be useful to many different users involved in restoration and conservation planning including local planners, state agencies, watershed groups, etc. Some uses include:

- Targeting restoration and conservation efforts geographically, by sector, or by practice
- <u>Chesapeake Assessment Scenario Tool (CAST)</u> scenario development
- Outreach and communication of water quality information
- Building local watershed stories to engage with stakeholders







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