The Chesapeake Bay Watershed Data Dashboard

Emily Trentacoste, PhD
Environmental Scientist
US EPA Chesapeake Bay Program Office

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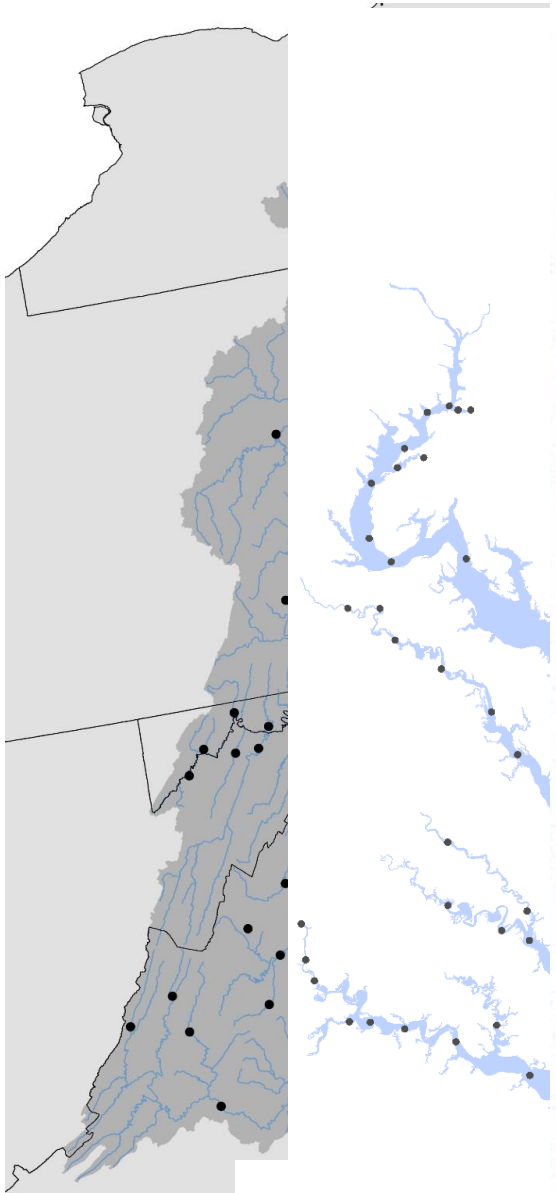
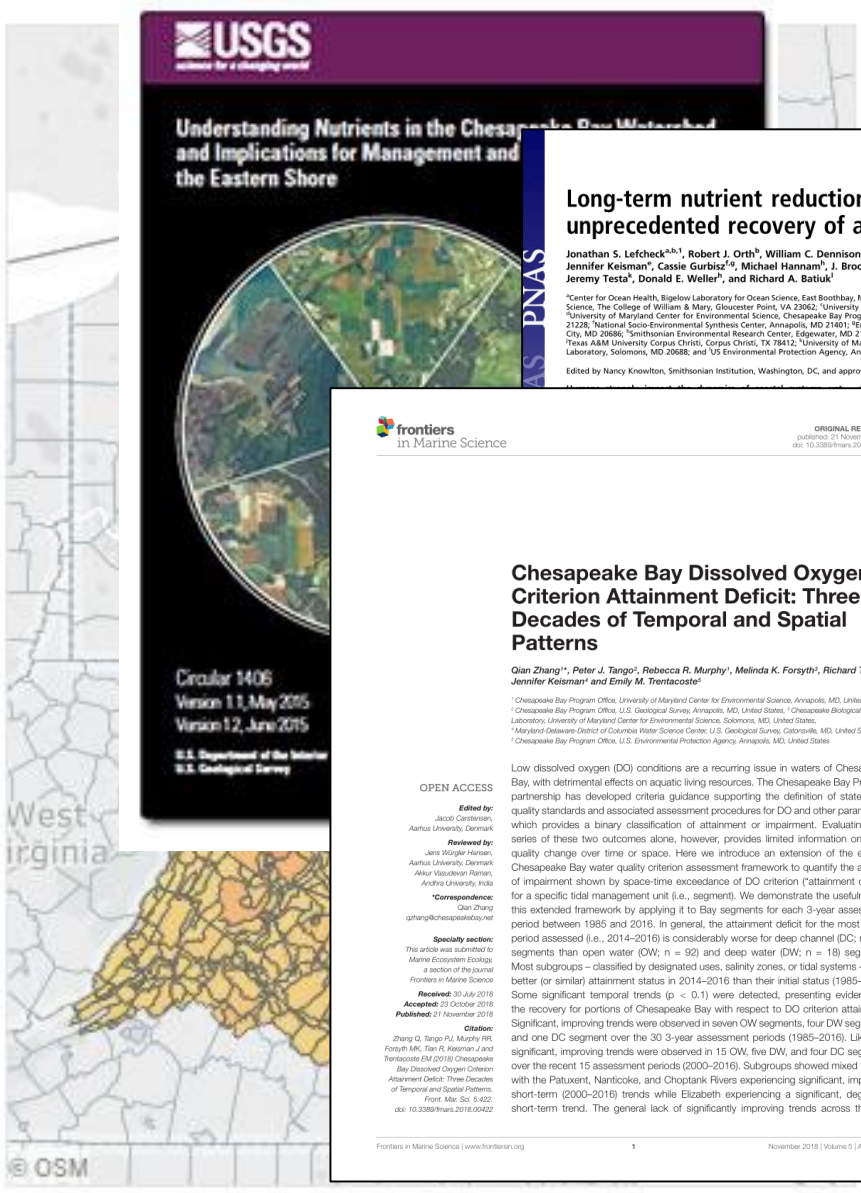
What do 30 years of data look like?

Monitoring & Trends

Modeling & Tools

Research

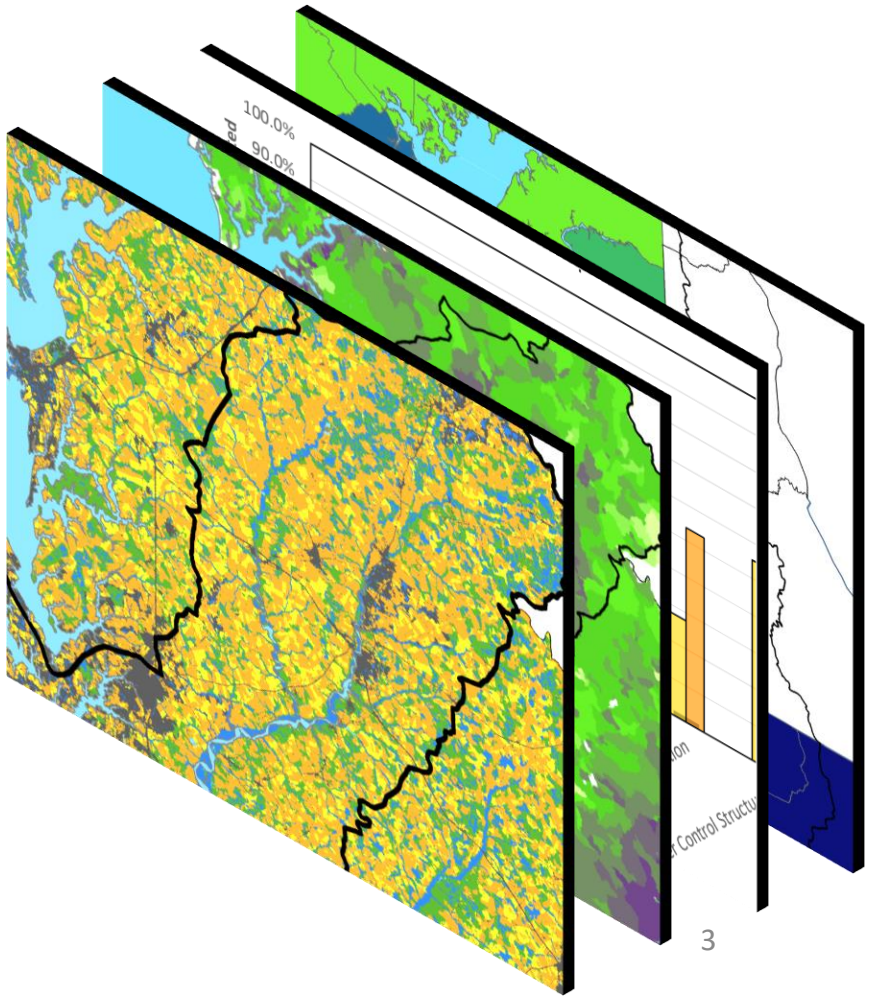




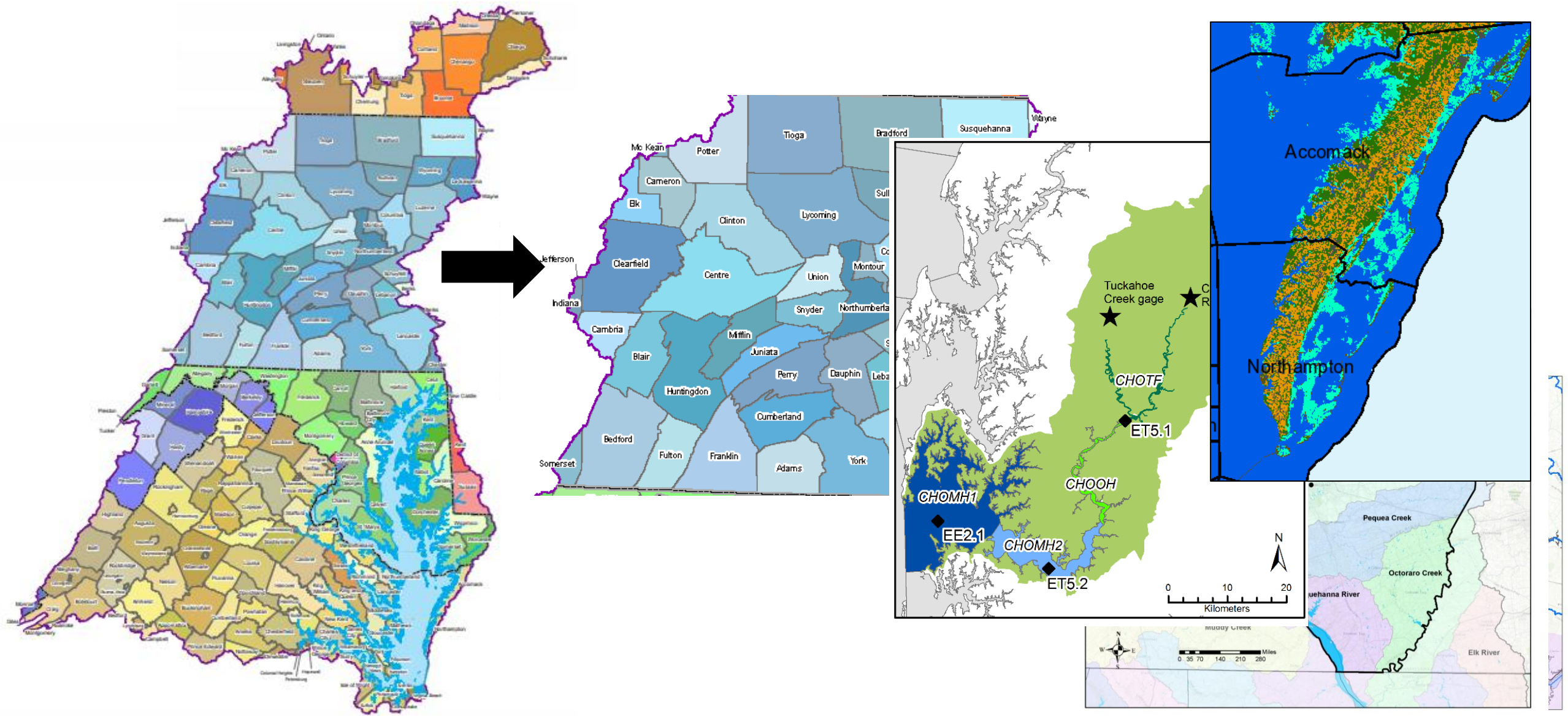
Understanding management implications

The challenge: new data & new expectations for managers

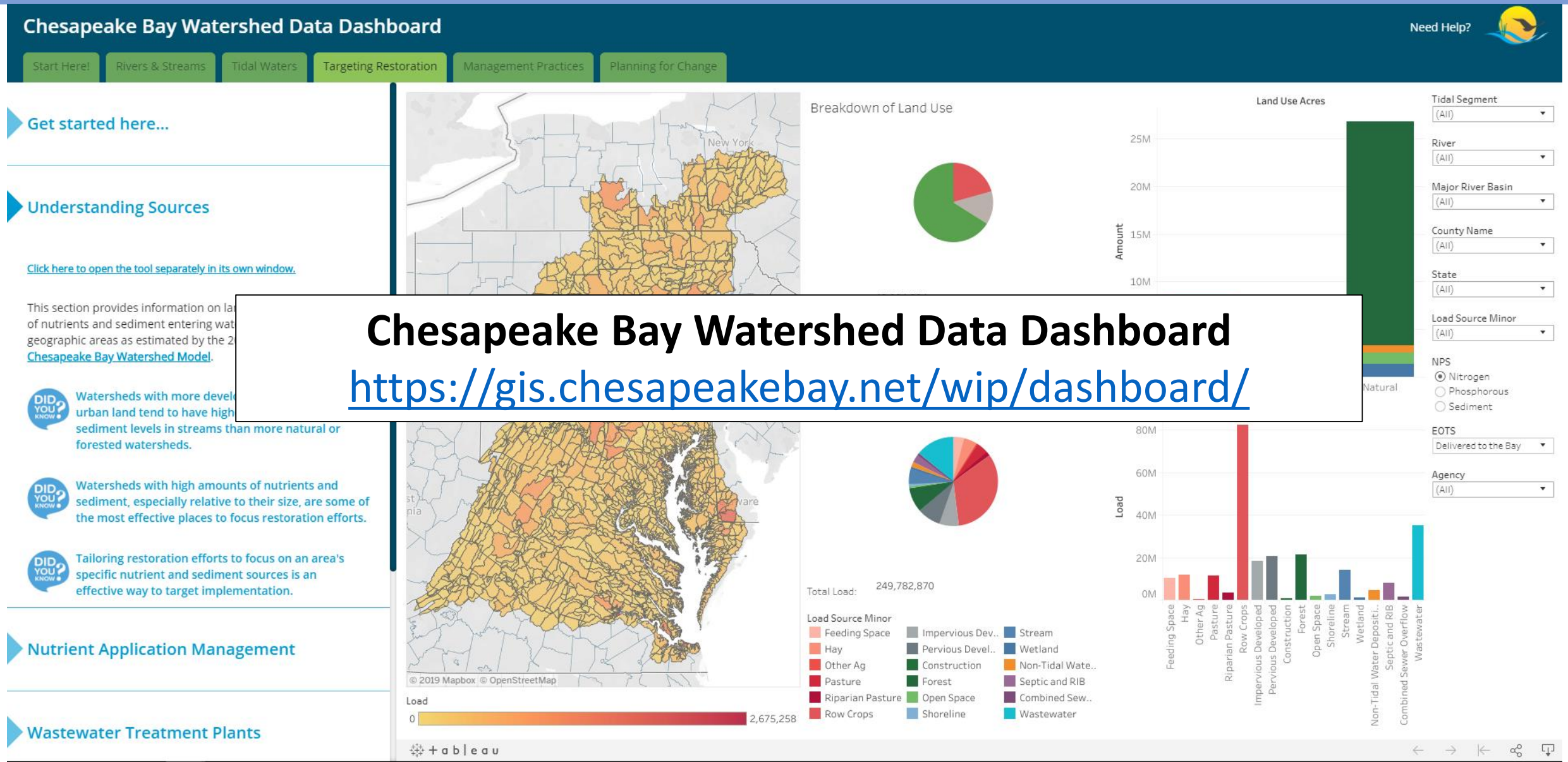
- Assess what's been working and what hasn't
- Develop "local area goals" at finer resolution
- Target/focus restoration efforts
- Plan for urban growth and climate change
- Co-benefits of nutrient and sediment reduction



Telling local stories to demonstrate utility of data



Making data accessible, understandable & usable



Chesapeake Bay Watershed Data Dashboard

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

Making data accessible, understandable & usable

What is it?

The Chesapeake Bay Watershed Data Dashboard is an online tool that consolidates, visualizes and provides accessibility to data that can help guide water quality and watershed restoration planning.

Who should use it?

Anyone seeking information that can help guide their planning process for water quality and watershed restoration including:

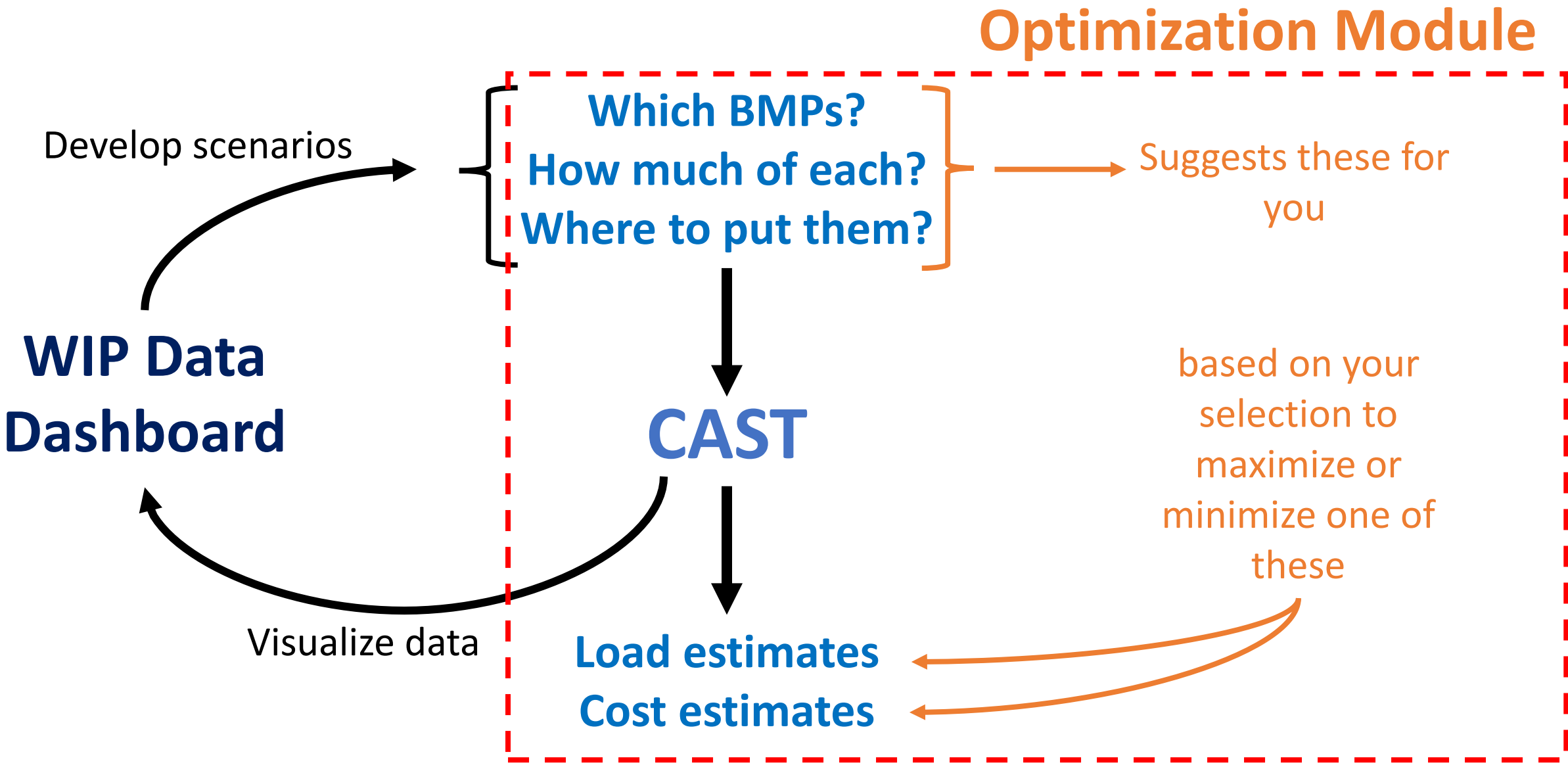
- Local planners (e.g. municipality, soil conservation district, county, etc.)
- State planners
- Watershed organizations
- Non-profits

Making data accessible, understandable & usable

What can you do with it?

Some uses include but are not limited to:

- understanding local drivers of water quality
- targeting restoration efforts geographically, by sector or by practice
- identifying co-benefits of water quality restoration
- identifying cost-effective best management practices


Optimization Module
Develop scenarios
Which BMPs?
How much of each?
Where to put them?
Suggests these for you
WIP Data Dashboard
CAST
based on your selection to maximize or minimize one of these
Visualize data
Load estimates
Cost estimates

Example

Now we'll demonstrate how a local entity could use the dashboard to better understand local water quality and identify options for restoration.

Thank you!

Emily Trentacoste
trentacoste.Emily@epa.gov

Chesapeake Bay Program
Science. Restoration. Partnership.