

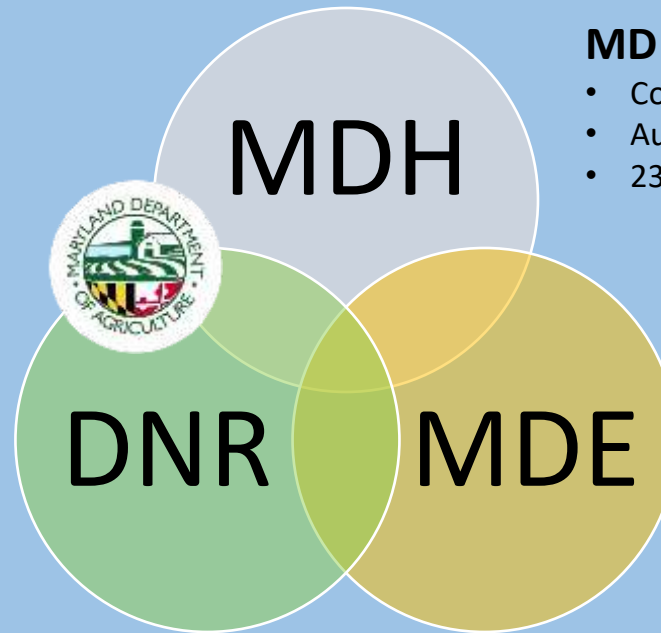
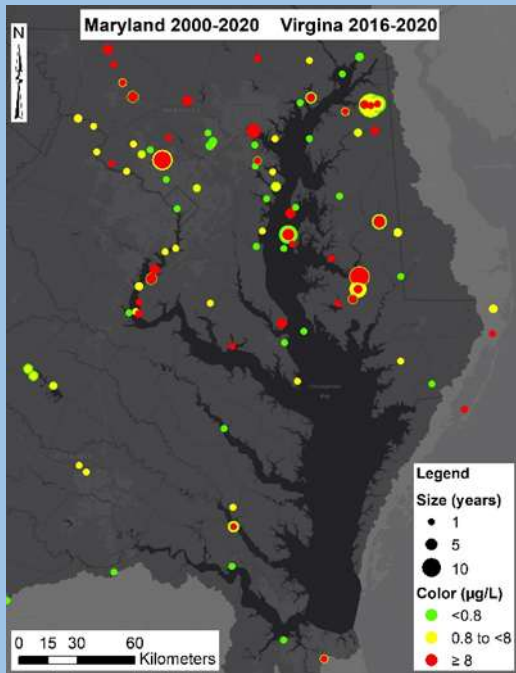
# Harmful Algal Bloom Response in Maryland

ICPRB HAB Conference  
October 22<sup>nd</sup>, 2025

Amy Hamilton, Cathy Wazniak, Beth Larson  
MD Dept. of Natural Resources

Chris Lockett  
MD Dept. of the Environment

# HAB Management: Interagency Collaboration



## MD Department of Health

- Connection with OHHABs/CDC
- Authority lies in County Health Depts
- 23 counties



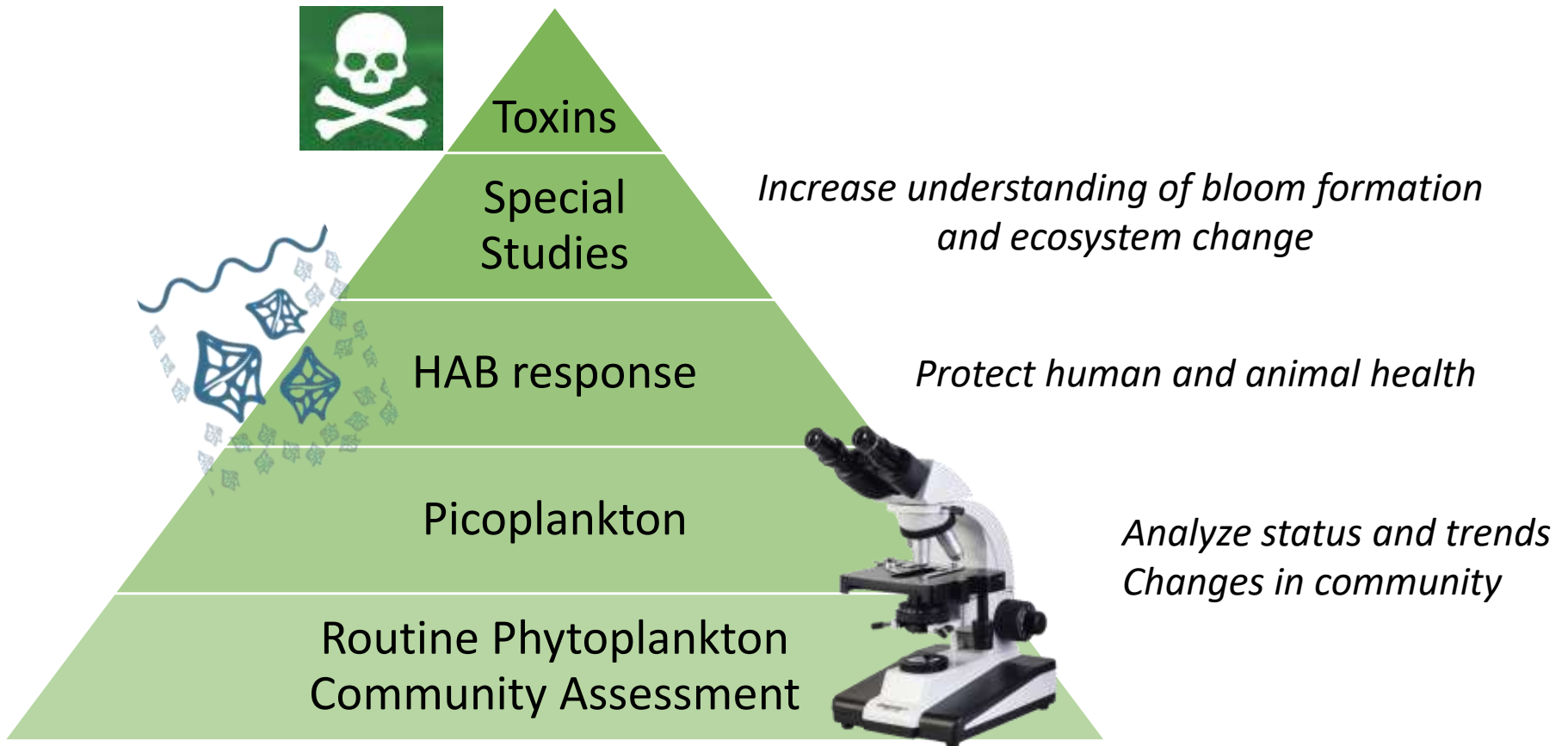
## MD Department of Natural Resources

- Routine phytoplankton monitoring
- HAB assessment and bloom response
- Wildlife: e.g Fish, birds, and bunnies

## MD Department of the Environment

- Regulatory agency
- Healthy Beaches program
- Fish kills and algal bloom response

# MD DNR Phytoplankton Monitoring



# MD DNR Surface Phytoplankton Samples

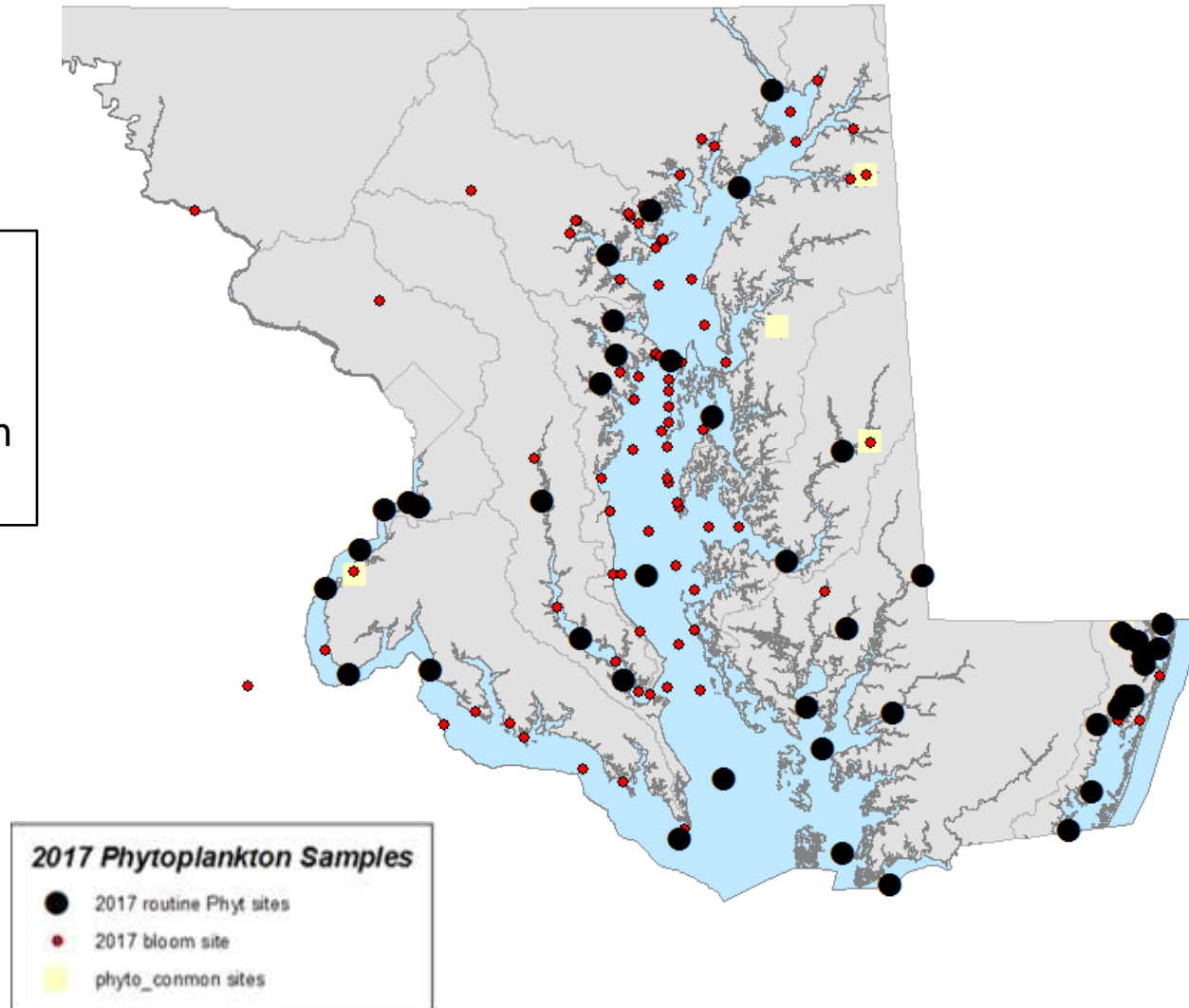
Impact:

Routine fixed sites

Better coverage

Good for satellite validation

Bloom detection



# Reporting Methods

**MARYLAND .gov EYES ON THE BAY**

Search MD DNR

HOME CURRENT CONDITIONS FISHING STATUS & TRENDS HARMFUL ALGAE SATELLITE MAPS DATA

### Eyes on the Bay Navigation:

- > Monitoring News & Reports
- > Our Monitoring Explained
- > Eyes on Deep Creek Lake
- > Bay Grasses
- > FAQs and Ask an Expert
- > Lesson Plans
- > Water Quality Links
- > Partners
- > Maryland Waters
- > Site Map

### Regional Data Providers:

- > Chesapeake Bay Program
- > Washington, DC
- > Virginia
- > Pennsylvania
- > Delaware
- > Other Data Sources

## Algae Bloom Sighting Report

Have you recently spotted an algal bloom while you've been out enjoying Maryland's waters? If so, you can now report it online. Please take a few minutes to fill out a simple form and your report will be sent to a Maryland Department of Natural Resources expert.

### Algal Bloom Online Sighting Report

Please fill in the following fields regarding your general contact information.

Last Name:	<input type="text"/>	*Required
First Name:	<input type="text"/>	*Required
Email Address:	<input type="text"/>	*Required
Phone Number:	<input type="text"/>	*Required
Format: 4105551234		
May We Contact You For More Information About This Sighting?	<input type="text" value="Yes"/>	

**EPA HABs Dashboard: bloomWatch and cyanoScope**

HIDE/SHOW

## bloomWatch

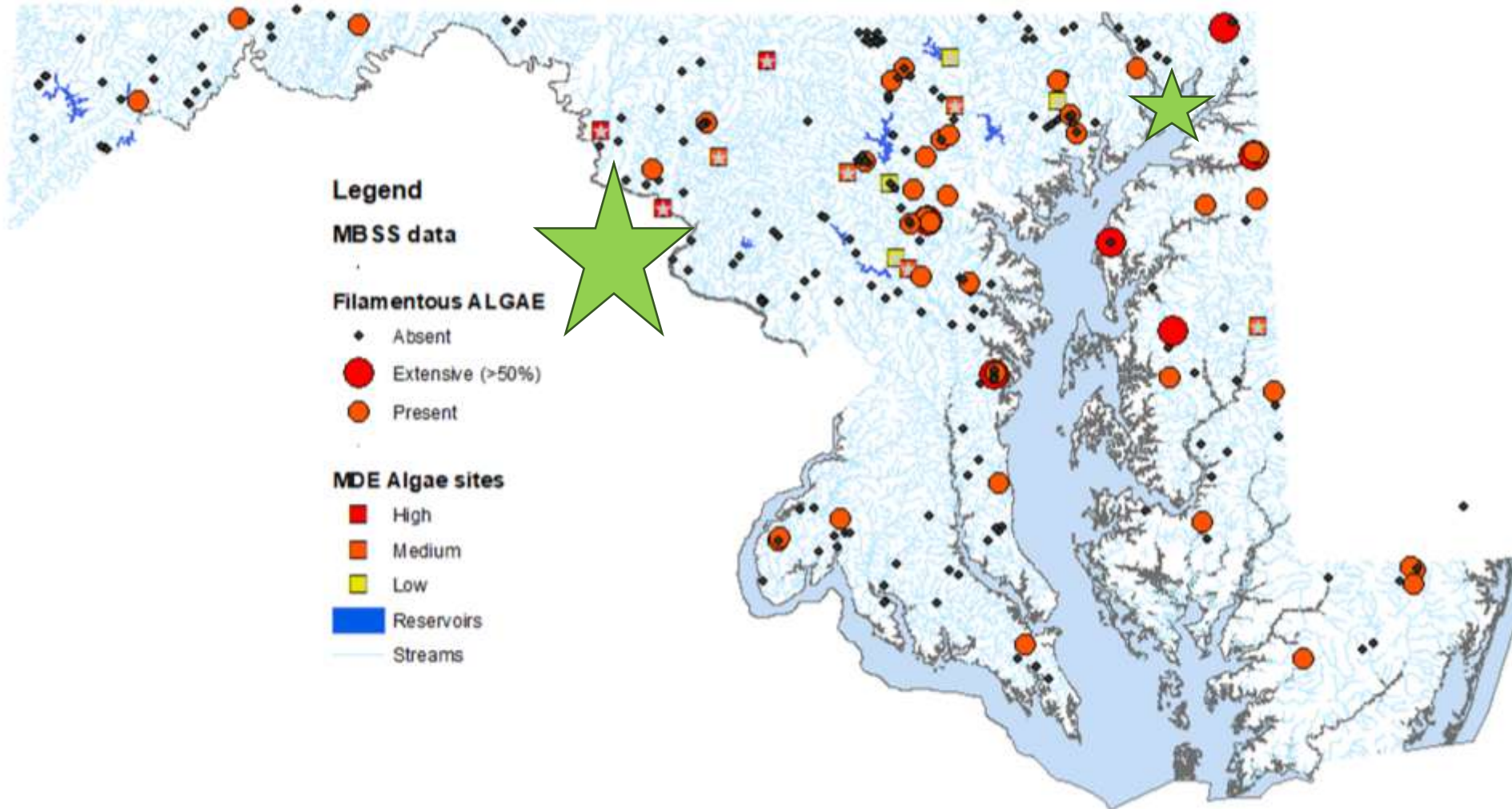
**854**

To view cyanoScope observations, set cyanoScope to ON in the Sidebar (to open the Sidebar, click on small black triangle in the gray box on the left)



**MDE Reporting Hotline:**  
**(866) 633-4686**

# Presence of Benthic Mats (2017-2021)



# For more information:

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