Pooled Monitoring Forum: Restoration Research to make Science and Regulatory Connections

June 18, 2025, from 9 AM to ~5 PM



























Zoom/tech leads are Jamileth Picavia, <u>ipicavia@cbtrust.org</u>, 410-974 2941 xt 151 (9am to 12pm), Grace Dho, <u>gdho@cbtrust.org</u>, 410-974 2941 xt 145 (1pm to 5pm), and attending in person Kayleigh Katzenberger@cbtrust.org, 410-974-2941 xt 127 & Sadie Friesen, <u>sfriesen@cbtrust.org</u>



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9-9:30 am	Morning Session: Welcome (Sadie Drescher) and opening plenary speaker <u>Science Leading the Way with</u> Secretary Joshua Kurtz , Maryland Department of Natural Resources, facilitated by Jana Davis
9:30 am- 12:20 pm (w/ 20 min break)	Birthe Kjellerup (University of Maryland), Eric Schott (University of Maryland Center for Environmental Science (UMCES)), Ibrahim Fagbohun (The Pennsylvania State University), & Bob Hildebrand (UMCES)
12:20- 1:20 pm	Lunch Break — provided by the Chesapeake Bay Trust
1-4:20 pm (w/ 20 min break)	Bryan Seipp (Ecosystem Planning and Restoration) & Carol Wong (Center for Watershed Protection), Joe Galela (University of Delaware), Gabrielle Ripa (Virginia Tech), & Sujay Kaushal (University of Maryland)
4:20-4:45 pm	Input from audience – What did you hear today that you can use? What are your research needs?
5 pm to ?	Checkerspot Brewery Brewing Company, 1421 Ridgely Street, Baltimore, MD 21230 – provided by the Chesapeake Bay Trust

Meeting Materials

- Agenda, attendance list, and presentations are at: https://tinyurl.com/46unzb98
- This meeting is being recorded and both the recording and presentations will be posted on the Pooled Monitoring Initiative website after the meeting at:

https://cbtrust.org/grants/restorationresearch/

Pooled Monitoring Initiative - A novel approach that pools funding to support research answering key restoration questions vs site/project specific monitoring in the Chesapeake Bay

- Funders pool resources to answer restoration questions posed by regulatory community & practitioners
 - **Partnerships and collaborations** many are part of this effort!
- Desire to support the best, most cost-effective practices at the most optimal sites, but differences of opinion sometimes exist, and questions about the performance and function of some of these practices persist
- Increase power, objectiveness, and ability to know what works
- Bring science back to those that can use it for their work













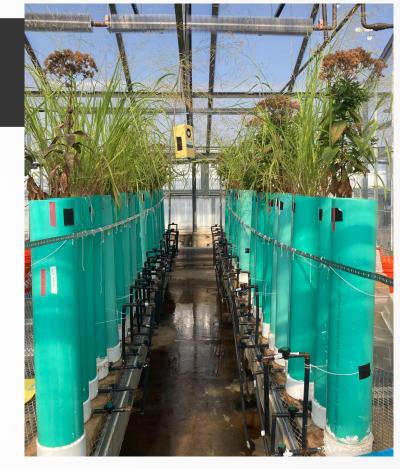






Pooled Monitoring Initiative Provides Solutions

- Regulators prioritize their concerns with input from practitioners
- Funders "pool" resources
- Top restoration questions issued in the Restoration Research Request for Proposals (RFP) in FY15 administered by the Chesapeake Bay Trust
- Scientific teams research these questions and deliver answers back to the regulators
- RFP open to any organization looking for best groups to answer your questions
- Results used in decisions, policy, practices, etc.



Lauren McPhillips Pennsylvania State University, "Impacts of salt loading on nutrient and metal processing in stormwater bioretention" (2023 forum presentation here, final report here, and fact sheet here)

Restoration Research Award Program

- Supported 57 projects since FY 15 at ~\$11M
- Guided by the Pooled Monitoring Advisory Committee
- Uses scientific reviewers across the world to vet applications
- Runs all applications through a "management review"
- Projects are managed as contracts
- Questions are cycled off/on the RFP each year
- All awards, progress, and program products are online at: https://cbtrust.org/grants/restoration-research/



Research in progress

Morning Session

- Welcome and charge for the day, Sadie Drescher Vice President of Restoration Programs, Chesapeake Bay Trust
- Facilitated by Jana Davis, Ph.D., President, Chesapeake Bay Trust
- <u>Science Leading the Way</u>- Hear how Maryland Department of Natural Resources uses research to inform priorities and future initiatives. Listen for ways to collaborate on our shared goals.

Secretary Joshua Kurtz,
 Maryland Department of
 Natural Resources

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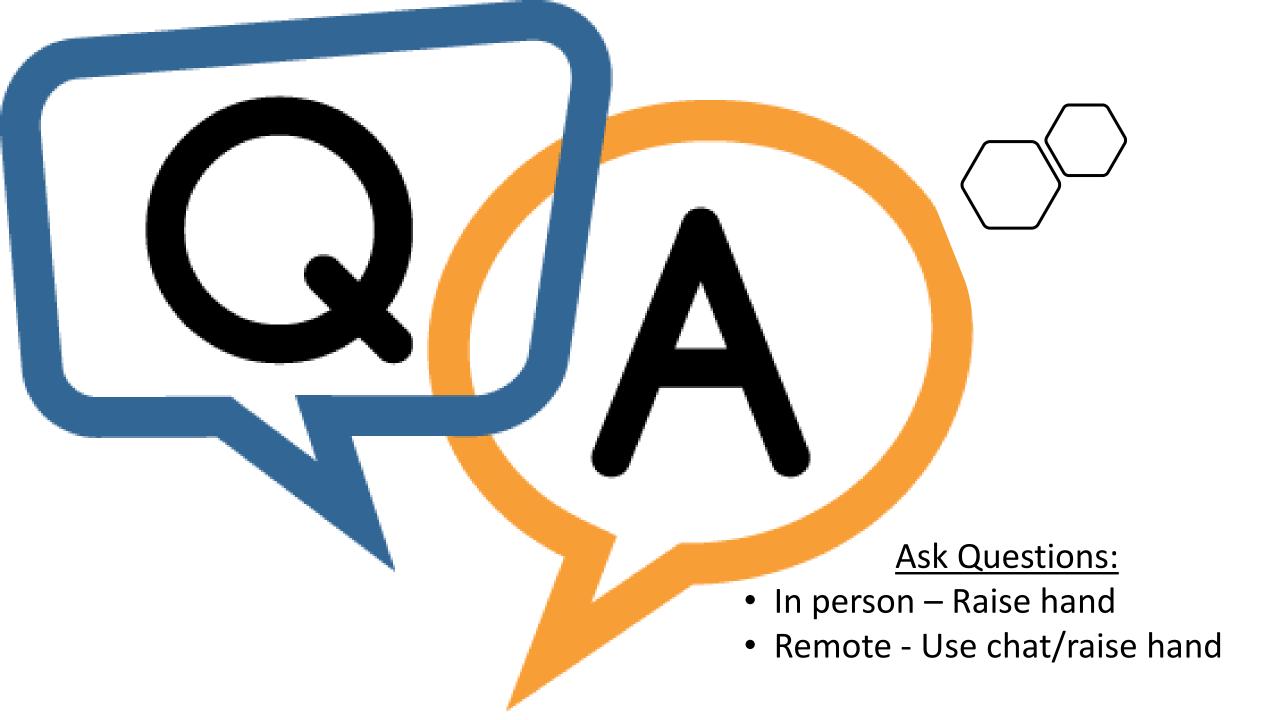
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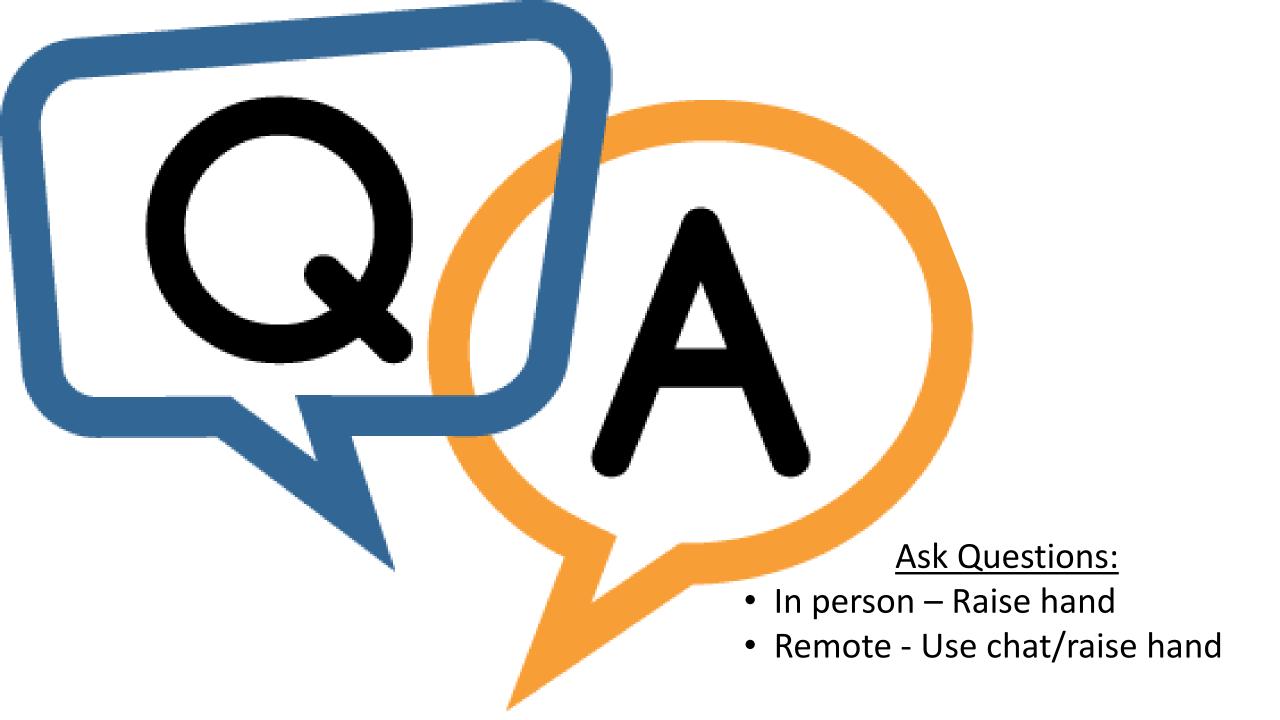
Chesapeake Bay Trust

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Input from the Audience

- What did you hear today that was useful?
- Any feedback for these researchers as they complete their projects?
 - What other research do you need?
 - How can we use this program's findings to make a bigger impact?
 - Any other feedback for us?



Purpose:

- Your questions can be addressed using this Pooled Monitoring Initiative's Restoration Research Award Program.
- Hear how others are or are not using this research.







Continue the conversation at Checkerspot Brewery Brewing Company, 1421 Ridgely Street, Baltimore, MD 21230 – provided by the Chesapeake Bay Trust