Pooled Monitoring Forum: Restoration Research to make Science and Regulatory Connections
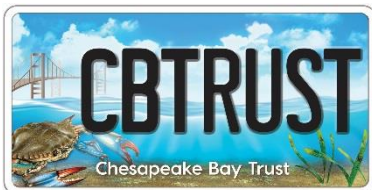
Agenda	
9 to 9:10 am	Pooled Monitoring Initiative – background, current state, and future of the Restoration Research program & resulting science (Chesapeake Bay Trust)
9:10 to 9:30 am	Key restoration research needs, monitoring, and updates from the state agencies: Suzanne Dorsey (Assistant Secretary, MDE) and Scott Stranko (MANTA Director, Resource Assessment Services, MD DNR)
9:30 to 11 am	Research presentations: Sujay Kaushal & Kelsey Wood (University of Maryland); Ginny Rogers (Versar, Inc.) and Verl Emrick (Virginia Tech); & Solange Filoso (UMCES)
11 to 11:30 am	Questions for the Researchers
11:30 a to 12:30 pm	Lunch (provided by the Chesapeake Bay Trust)
12:30 to 1:00 pm	Keith Eshleman (UMCES)
1:00 to 3:00 pm	Research presentations: Bob Hildebrand (UMCES); Claire Welty (University of Maryland, Baltimore County); Neely Law (Center for Watershed Protection) and Mitch Pavao-Zuckerman (University of Maryland); & Vanessa Beauchamp and Joel Moore (Towson University)
3 to 3:30 pm	Questions for the Researchers
3:30 to 4:30 pm	Download and compile research questions for the next Restoration Research RFP
4:30 pm to ?	Optional time to continue the group discussion and network at Nick's Fish House

Pooled Monitoring Initiative & Restoration Research Award Program

- Key restoration research was needed and is delivered through this program
- Pooled Monitoring Advisory Committee
  - Formed in 2014 to determine if and how restoration practices perform
  - Use an award program to pool resources and answer restoration questions that could not be answered by site specific monitoring
  - Many partners in this Initiative

Research/Monitoring Process: Proposed

Advisory Panel (AP) constituted:

AP – polls these communities on priority research needs

regulators

academics?

practitioners

MS4s

AP – leads development of prioritized research questions list

AP: leads review of existing literature to determine if answer exists OR if data exist that could be further analyzed to answer

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AP prepares and sends out a call for proposals to answer questions: either new research (consistent protocols encouraged) or new analysis

AP reviews proposals and potentially along with review from additional experts

Research conducted; answers obtained

AP interprets answers into application recommendations (particular to permitting)

AP meets with 1 individual from each agency to communicate results and recommendations/interpretations

Agency rep takes info back to agency and gets input/feedback from their staff

Agency reps and AP meet again to get consensus on the feedback

Agency reps go back to agencies - training of permit review staff occurs

Information disseminated to all groups

Research is Valuable and Useful

This effort:

- Answers questions about BMP performance for
    - Regulators who permit projects
    - Practitioners who build projects
    - Local governments that need projects to succeed
    - Funders who pay for projects
- Bring science back to those that can use it
- Restoration Research
    - Many partners & been barrier busting for years!
    - Supported 21 projects at $3.1M since FY 15
    - See https://cbtrust.org/grants/restoration-research/for more information, including past projects awarded

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