



Joint Climate Resiliency, Urban Stormwater, and Modeling Workgroup Meeting

April 4, 2024

Event webpage: [Link](#)

In Person Location: Oyster/Blue Crab Conference Room at
1750 Forest Drive Suite 130, Annapolis, MD 21401

For Remote Access – [Microsoft Teams Link](#)

Meeting number: 292 692 488 857 **Password:** jpdQdz

Phone number: +1 469-208-1525 **Access code:** 359 120 269#

This meeting will be recorded for internal use only to assure the accuracy of meeting notes.

Meeting Purpose: 1) To support information transfer and facilitate a collective understanding in the opening discussion of the 2027-2028 climate assessment using the Phase 7 Suite of models.
2) Facilitate discussion and provide an opportunity for partners to offer feedback on priorities, remaining needs, and how best to coordinate efforts.

9:00 Announcements and Amendments to the Agenda – Mark Bennett (USGS), Jackie Specht (MD DNR), Norm Goulet (NVR), and Dave Montali (Tetra Tech)

9:05 Introduction of the Workgroup Chairs

Workgroup chairs will introduce themselves and share the purpose of this meeting. Workgroup members and interested parties in attendance will be asked to share their affiliations when they make a comment.

9:15 Meeting Context: Setting the stage for considerations of climate change in the Chesapeake Bay Program – Lew Linker (EPA-CBPO), Mark Bennett (USGS)

Lew Linker will provide background on the Principals' Staff Committee charge to the CBP to assess climate change and how that influences current CBP efforts. Lew will also outline what the CBP learned from previous workshops including STAC Climate Change 1.0 and 2.0 Workshops, with particular attention to the knowledge gaps identified and subsequent reports. This presentation will pay particular attention to the modeling components in the context of 2027-2028 climate assessment, such as expectations for these for modeling efforts. Mark will then review the draft agenda for the upcoming STAC climate change 3.0 workshop to demonstrate its scope and how it relates to this joint workgroup meeting.

10:30 Break

10:45 Setting the stage for the Ecosystem Management Component of the Climate Workshop 3.0 – Julie Reichert-Nguyen (NOAA)

Julie will provide a summary of projects supported by the Climate Resiliency Workgroup, in partnership with other workgroups, that can inform future climate modeling efforts by the Bay Program. The discussion will include efforts involving

marsh migration/adaptation, SAV climate model synthesis, and recommendations and follow-up research from the Rising Water Temperature STAC Workshop report in connection with living resources. This information will be shared to set the stage for the ecosystem management component of the STAC Climate Change 3.0 workshop in May 2024.

11:15 Most Implemented Agricultural and Urban Stormwater BMPs – Olivia Devereux (Devereux Consulting) and Auston Smith (EPA-CBPO)

Olivia will present the methodology and data used to show the percent contribution of each BMP to the total Phase III WIP reductions. This creates a ranking of the most important BMPs to the states in their planning efforts. Auston will present on the context for this effort, the RAND Climate Resilient Stormwater Support project (see next agenda item).

11:25 Methodologies and Tools to Support Climate-Resilient Stormwater Best Management Practices Project - RAND led team (Michelle Miro and Krista Romita Grocholski)

Michelle and Krista will provide an overview of each of the five activities described in the project scope and will present a brief outline of work plans and timelines. The assembled workgroups will be asked to provide feedback and participate in a discussion of how the CBP can incorporate this information into the Phase 7 Suite of Models.

11:55 Lunch

12:45 Discussion Session

The afternoon portion of the meeting will be split into a series of discussions aimed at providing feedback on the morning presentations, identifying remaining needs, and establishing next steps. With five key questions, the group will spend approximately 20-25 minutes on each question.

Key Questions Session 1-3:

- What gaps still exist that have not been addressed by the projects discussed in the morning, and what options should we explore to fill them - funding mechanisms, partners, venues, etc.?
- How should the RAND team prioritize their work - which BMPs are most important, are some tools needed before others, what sites/regions should be assessed?
- How can the CBP better incorporate living resources and landscape change into the Climate 3.0 workshop?

1:45 Break

2:00 Discussion Session (continued)

Key Questions 4-5

- How do these efforts align with projects going on in each state (stormwater manual updates, re-issued MS4 permits, Resilience Plans, etc.), both in terms of timing and/or overlapping products.
- How do the workgroup members want to engage with these efforts moving forward?

2:45 Wrap up and Next Steps

3:00 ADJOURN