



Climate Resiliency Workgroup

June 29, 2022

1:30-3:30 PM EST

Join by Webinar:

<https://umces.webex.com/umces/j.php?MTID=mc82d075ad9565badbc555f9bb05754fc>

Join by Phone:

+1-408-418-9388 and enter access code: 2621 883 4521

Meeting password: ZdJEe7EZ3N6

Event webpage:

https://www.chesapeakebay.net/what/event/climate_resiliency_workgroup_meeting_june_2022

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

Agenda

1:30 PM Welcome and Meeting Overview- Coordinator Julie Reichert-Nguyen (NOAA)

Focus of meeting:

- Share takeaways from the recent U.S. EPA's Resilient Coastal Wetlands and Communities Multi-Regional workshop
- Share updates on workgroup supported projects and Chesapeake Bay Program's (CBP) activities:
 - Draft recommendations from the Rising Water Temperatures STAC Workshop
 - Seeking feedback from the Climate Resiliency Workgroup (CRWG) on draft recommendations related to where the CRWG's expertise could support forward movement of actions.
 - STAR/Climate Resiliency Workgroup's GIT-funded project, "Partnership-Building and Identification of Collaborative Tidal Marsh Adaptation Projects," hereafter "Marsh Adaptation Project"
 - Seeking CRWG members and interested parties help in identifying whether their organizations are involved in planning or implementing tidal wetland/marsh restoration

projects and/or marsh resilience research, or know of other organizations working in this space.

- Chesapeake Bay Program's Climate Change Directive Draft Workplan
 - Informational presentation to raise awareness of this Chesapeake Bay Program's high-level planning effort. Note that this workplan is different from the CRWG's workplan; however, components of our workplan can support this higher-level plan.

1:40 PM

Takeaways from U.S. EPA's Resilient Coastal Wetlands Workshop – Julie Reichert-Nguyen (NOAA) and Taryn Sudol (MD Sea Grant)

On May 24-25, 2022 the U.S. EPA's Office of Research and Development hosted a multi-jurisdictional (Northeast and Mid-Atlantic) workshop, with the goal of leveraging knowledge and lessons learned from across regions and organizations to help standardize, improve, and advance methods to support resilient coastal wetlands and communities. The objectives were to share scientific perspectives and discuss:

- *Coastal wetlands vulnerability and resilience*
- *Applications of resilience-based management*
- *Implications for coastal community resilience*

A few CRWG members participated in this workshop, and will share their thoughts and key takeaways. We would also like to hear the thoughts and takeaways from other members and interested parties who attended. All materials from the workshop can be found [here](#).

Questions to think about:

- *Were there any parameters (e.g. related to marsh resilience, condition, vulnerability) presented by the other programs that were of interest for targeting tidal wetland restoration projects in the Chesapeake Bay?*
- *Were there any tools of interest we should consider using or adapting to the Chesapeake Bay region?*
- *Were there any components of a decision framework that should be considered into our decision-making in the Chesapeake Bay?*

2:00 PM

Update on the STAR/CRWG GIT-Funded Marsh Adaptation Project—Julie Reichert-Nguyen (NOAA) & Nicole Carlozo (MD DNR)

The Marsh Adaptation Project aims to further the Climate Adaptation Outcome by identifying large-scale tidal marsh restoration projects that maximize marsh benefits in areas with high marsh migration potential. The goals of the project are to build partnerships where organizational and geographic priorities align to collaboratively identify and support the implementation of restoration projects in concert with marsh resilience research. This project includes stakeholder

*engagement activities (i.e. outreach to individual stakeholder groups, workshop). Currently, the project leads are gathering initial resources and identifying potential partners to engage with during this project. **The project leads are requesting help in identifying known partners implementing tidal wetland/marsh restoration projects and/or researching marsh resilience in Chesapeake Bay from the CRWG members and interested parties.***

2:20 PM Presentation on the Tidal Portion of the STAC Rising Water Temperature Workshop Report—Jamileh Soueidan (CRC/NOAA)
*This presentation will briefly provide an overview of the tidal storyline and share the five draft management recommendations identified through the workshop and their associated science needs and implementation steps. These management recommendations fall within the four main themes that led Day 2 of the workshop discussions (i.e. ecosystem-based management, nearshore habitats, multiple stressors, and new temperature regime). The briefing paper covering these themes can be found [here](#). **The CRWG will discuss and provide feedback on these recommendations related to where the workgroup's expertise could support forward movement on proposed actions.***

3:00 PM Update on Climate Change Directive Workplan—Bo Williams (U.S. EPA, CBPO)
Bo Williams will present the current draft of the Executive Council's Climate Change Directive workplan. This workplan is the result of the [Climate Directive No. 21-1](#). Through this directive the CBP commits to address the threats of climate change in all aspects of the partnership's work to restore the Bay and its watershed.

3:20 PM Wrap-up and announcements

Announcements and Opportunities

- **Guidance for Using Maryland's Sea Level Rise Projections** was recently released. This guidance document aims to help users incorporate Maryland's 2018 sea level rise projections into planning, regulatory, and site-specific projects at the federal, state, and local levels. The document provides guidance for Maryland's 16 coastal counties, Baltimore City, and municipalities within the coastal zone. [Click here](#) to read more about the development of the guidance, any the FAQs, and to download the document.
- **Apply to serve as a Review Editor for the 5th National Climate Assessment.** U.S. Global Change Research Program is seeking nominations for Review Editors for the Fifth National Climate Assessment (NCA5). The Review Editor plays a critical role on the assessment, ensuring that the author teams appropriately consider and respond to all

public and peer review comments. Applications are due **July 1, 2022**. More information can be found [here](#).

- **October 25-27, 2022:** EcoAdapt National Adaptation Forum is being hosted in Baltimore. This forum gathers the adaptation community to foster knowledge exchange, innovation, and mutual support for a better tomorrow. The forum will be in person, with some virtual programming offered online. Registration is currently open. More information can be found [here](#).
- The National Fish and Wildlife Foundation is requesting proposals for their American the Beautiful Challenge. This award seeks to fund projects across the following themes:
 - 1) Conserving and restoring rivers, coasts, wetlands and watersheds
 - 2) Conserving and restoring forests, grasslands and other important ecosystems that serve as carbon sinks
 - 3) Connecting and reconnecting wildlife corridors, large landscapes, watersheds and seascapes
 - 4) Improving ecosystem and community resilience to flooding, drought and other climate-related threats
 - 5) Expanding access to the outdoors, particularly in underserved communities

Full proposals are due **July 21, 2022**; more information can be found [here](#).

- The Bureau of Indian Affairs Branch of Tribal Climate Resilience is accepting proposals for their FY 2022 Awards Program. This award will support programs conducted by federally recognized Tribes and authorized Tribal organizations focusing on 1) Tribal climate resilience planning and strategy implementation and 2) ocean and coastal management planning. Proposals are due **July 6, 2022**. An informational webinar is being hosted April 25, 2022. More information can be found [here](#).
- The Mid-Atlantic Regional Integrated Sciences and Assessments (MARISA) program is hosting a Building Climate-Resilient Rural Communities: What are the challenges, needs, and solutions workshop. The goal of this workshop is to bring together leaders from rural coastal communities across the Chesapeake Bay watershed to listen and learn about their needs, challenges, and equity issues, as well as share some existing climate tools that communities can link to funding opportunities. The workshop is being held July 13, 2022 at the Virginia Institute of Marine Science. This one-day event is free to attend but registration is required. For more information can be found [here](#).
- MARISA recently published their Mid-Atlantic Regional Climate Summary for Spring 2022. Some highlights include:

- Temperatures were generally within two degrees of normal for the spring season across the Mid-Atlantic. This is similar to what we observed for the preceding summer, fall, and winter seasons.
- The region generally experienced slightly wetter than normal conditions, with most locations experiencing between 100 and 125 percent of their normal spring precipitation amounts.

For more information and to read the full summary, please see the latest [MARISA Seasonal Climate Impacts Summary and Outlook](#).

3:30 PM Adjourn

Next Scheduled Meeting: July 18, 2022, 1:30-3:30 PM (please indicate on calendar invite if you plan to attend, maybe, or no, so we can gauge availability)

Upcoming Activities: Climate Strategic Review System (SRS) kickoff meeting planned for August 15, 2022 - progress review of CRWG's 2021-2022 [workplan](#)