



Climate Resiliency Workgroup Meeting

Monday, August 16, 2021
1:30 PM – 3:30 PM

Webinar*:

<https://umces.webex.com/umces/j.php?MTID=md22b0fd9d215fd2b6001f0f1a153229c>

Password: CRWG

Conference Line: +1-408-418-9388 Access Code: 120 925 5734

*If you are joining by webinar, please open the webinar first, then dial in.

Meeting Materials:

https://www.chesapeakebay.net/what/event/climate_resiliency_workgroup_crwg_august_2021_meeting

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

AGENDA

1:30 PM Welcome and Meeting Overview – Chair Mark Bennett (USGS)

Focus of meeting:

- CRWG C-StREAM interns share their experience and research from the summer. Projects relevant to the CRWG's [2021-2022 Logic & Action Plan](#) on climate change indicator development (1.2 a & c; [list of prioritized indicators](#)) and blue carbon science needs (2.3)
- Identify priority climate adaptation actions under the Adaptation Outcome that align with the newly approved [Logic & Action Plan](#) (2.2).

1:35 PM Announcements:

- [Request for Applications](#) - CBP 2025 Tidal Water Model for the Assessment of 2035 Climate Change Risk to the Chesapeake Bay TMDL Cooperative Agreement with EPA, 6 years from expected start date of 12/5/2021, estimated funding of \$1,650,000, **Application Submission Deadline: September 20, 2021**
- Wetlands Watch [Pilot Project](#) Symposium - Building Resilience to Sea Level Rise Through Conservation (shared by Carin Bisland)
- 2021 Living Shorelines Tech Transfer Workshop, October 19 - 20, 2021, Cape May, New Jersey, Register [HERE](#)
- STAC Report: [Climate Change Modeling 2.0](#) (shared by Gary Shenk)

- [Report](#): Developing Future Projected Intensity-Duration-Frequency (IDF) Curves (Miro et al. 2021) and [Online Tool](#)
- FY2020 DoD Chesapeake Bay Program Annual Progress [Report](#) (shared by Kevin Du Bois)
- Updated [USGS Chesapeake Science Strategy](#)
- FY21 CBP GIT Funding Program Manual [HERE](#)
- Maryland Department of Natural Resources' Grants Gateway is open for FY23 resilience and restoration funds. Proposals are due by December 15, 2021.
<https://news.maryland.gov/dnr/2021/07/19/grants-gateway-open-for-fy23-resilience-and-restoration-funds/>

1:45 PM Bay Water Temperature Indicator: Ecological Considerations, Anissa Foster (NOAA-CRC Intern)

Abstract: My internship project focused on compiling potential uses for a Bay Water Temperature Change Indicator related to fish impacts in Chesapeake Bay. Concepts from the literature were reviewed to develop ideas for ecological impact indicators that connect water temperature change to fish habitat suitability. Existing data were reviewed to identify data needs for a heat wave indicator related to striped bass habitat.

2:15 PM Blue Carbon Application in Chesapeake Bay, Adriana Marcela Murphy (C-stREAM intern with VIMS/NOAA)

Abstract: Coastal Blue Carbon is a hot topic and it is getting attention as a potential way to mitigate climate change and finance wetland and SAV restoration projects. Different methodologies have been developed to include coastal habitats into the carbon market, however, evaluation of existing data in the Chesapeake Bay is still needed to apply these protocols.

2:55 PM Identifying Priority Adaptation Actions, All

Initial brainstorming exercise to identify priority climate adaptation actions where the CRWG can contribute in connecting scientific information from research partners with decision-making needs.

3:20 PM Upcoming CRWG activities, Julie Reichert-Nguyen (NOAA)

- Exploring possible joint meeting with Wetland Workgroup on marsh migration project efforts (possibly September or November)
- Consider forming small group to move forward with Ocean Acidification monitoring objectives and remaining gaps for PSC request of improving CBP Monitoring Networks.
- Planning meeting to review information from BMP climate resilience assessments (possibly October)
- Meeting to hear from living shoreline project efforts
- Get ideas from CRWG members

3:30 PM Adjourn

Next Meeting: September 20, 2021