



Climate Resiliency Workgroup

April 20th, 2023

1:30-3:30 PM EST

Join by Webinar:

<https://umces.webex.com/umces/j.php?MTID=m99dbe03604f79815f500e472e68051a3>

Join by Phone:

+1-408-418-9388 and enter access code: 26210765359

Meeting password: 3imP2mRgpQ3

Event webpage:

<https://www.chesapeakebay.net/what/event/climate-resiliency-workgroup-meeting-april-2023>

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

Agenda

1:30 PM **Welcome, Opening Remarks, and Announcements – Mark Bennett, Co-Chair (USGS), Jackie Specht, Co-Chair (The Nature Conservancy) & Julie Reichert-Nguyen, Coordinator (NOAA) [5 minutes]**

Focus of meeting:

- *Share partner efforts around defining climate resilience and evaluating effectiveness of climate adaptation efforts*

Key Announcement:

- *A recently published paper by Guthrie et al., titled “Property owner shoreline modification decisions vary based on their perceptions of shoreline change and interests in ecological benefits,” discusses their recent research into understanding the factors that motivate property owners’ shoreline modification decisions (e.g., living shoreline or armoring structures. The full article, published in Frontiers in Marine Science, can be found [here](#).*

1:35 PM Community Resilience and Natural Habitat Metrics (Sabine Bailey, The Nature Conservancy) [25 Minutes]

Sabine will be presenting on her work defining community resilience metrics which aim to understand a community's ability to adapt to climate impacts, and thus the resulting impacts to natural habitats and resources.

2:00 PM Maryland Coastal Adaptation Report Card (Katie May Laumann, UMCES) [25 minutes]

Katie will be presenting an overview of the [Maryland Coastal Adaptation Report Card](#). This effort aims to address the need to clarify adaptation goals in order to measure progress and hold the state accountable. By developing a suite of adaptation indicators and thresholds based on stakeholder expertise, the Coastal Adaptation Report Card gives a snapshot of current adaptation status in Maryland's coastal zone, and establishes a framework for measuring future progress.

2:25 PM Solutions-Driven Research Project: Building and Maintaining Coastal Community Resilience through Blue Carbon Resources (Emily Trentacoste, EPA) [25 minutes]

Emily will be presenting EPA ORD's project "Building and Maintaining Coastal Community Resilience through Blue Carbon Resources." The goals of this project focus on working with a local Chesapeake Bay community to help solve its coastal resilience issues; identify and assess co-benefits associated with coastal resilience solutions; and investigate natural infrastructure options that have blue carbon sequestration potential.

2:50 PM Discussion [30 minutes]

This discussion will focus on how we can learn from the efforts and research presented in the first half of the meeting.

- *How can the work that is being conducted inform development of methods to measure resilience benefits to living resources and communities*

This discussion will support CRWG 2023-2024 Logic and Action Plan 2.1a which states:

"Plan discussions during CRWG meetings on how to feasibly track progress on the Adaptation Outcome. Support outreach efforts to learn how partners (state, federal, local, NGOs, other CBP workgroups) are defining resiliency and measuring the efficacy of their programs/actions. Seek and invite researchers to present on approaches to quantify habitat and community resilience to climate

change impacts. Connect with CBP's strategic planning discussions for 2025 and beyond."

3:20 PM Wrap-up and Announcements [10 minutes]

- The Coastal & Estuarine Research Federation is accepting abstracts for their 2023 Biennial Conference taking place November 12-16, 2023 in Portland Oregon. The [CERF 2023](#) Scientific Program Committee (SPC) invites you to [submit an abstract](#) for an oral or poster presentation in one of the range of CERF sessions that examine new findings across CERF's traditional scientific, management, and education disciplines. The deadline to submit an abstract is **May 10, 2023**.
- The Interstate Commission on the Potomac River Basin's *2023 Potomac River Conference: One River's Perspective on a Changing Climate* will be taking place September 12, 2023. The conference will highlight the state of the science, case studies, equity and environmental justice considerations, policy implications, management actions, and funding considerations for climate change in the Potomac River basin. If you are interested in presenting, please [submit an abstract](#) by **COB Friday, April 21, 2023**.
- Engineering with Nature is pleased to announce the call for projects to include in the upcoming book, *Engineering With Nature: An Atlas, Volume 3*. This is an opportunity to showcase your engineering projects that demonstrate partnership with nature, delivering solutions with a diverse range of economic, environmental and social benefits. To be considered for inclusion in Volume 3 of the EWN Atlas, please submit your project in the [online submission form](#). The deadline for entry is **May 15, 2023**. If you have questions, please contact Michelle Bourne (michelle.bourne@usace.army.mil) or Zelini Hubbard (zhubbard@anchoragea.com). For more information about the EWN Atlas series, and to access the eBooks for Volumes 1 and 2, please visit, <https://ewn.erdc.dren.mil/atlas-series/>

3:30 PM Adjourn