



Climate Resiliency Workgroup

October 17th, 2022

1:30-3:30 PM EST

Join by Webinar:

<https://umces.webex.com/umces/j.php?MTID=mffc98933ab4a0d0c521125bb58b57805>

Join by Phone:

+1-408-418-9388 and enter access code: uPrebeR5V24

Meeting password: uPrebeR5V24

Event webpage:

<https://www.chesapeakebay.net/what/event/climate-resiliency-workgroup-meeting-october-2022>

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) [10 minutes]**

Focus of meeting:

- *Share information on the development of various coastal resilience tools and how they have been used or might be used to target resiliency projects. Presentations will be from The Nature Conservancy, NOAA, and USGS.*
- *Discuss next steps in the current Strategy Review System cycle*

Announcements:

- *Introduction from Jackie Specht, new Climate Resiliency Workgroup Co-Chair*

1:40 PM **Overview of The Nature Conservancy's [Resilient Land Mapping tool](#) and [Maryland and Virginia Resilient Coastal Sites tool](#) (Michelle Canick) [25 minutes]**

- These tools created by The Nature Conservancy aim to assist decision-making in the face of a changing climate. The tool includes a coastal resilience layer analyzes physical and condition characteristics of the area to assess resilience. Currently, the tool is under refinement to incorporate finer scale data that accounts for variations within existing parcels.

2:05 PM Overview of NOAA's [Sea Level Rise Viewer](#) (Nate Herold) [25 minutes]

- The NOAA Sea Level Rise Viewer tool helps visualize community-level impacts from coastal flooding or sea level rise. It incorporates photo simulations of how future flooding might impact local landmarks as well as data related to social vulnerability and marsh migration.

2:30 PM Overview of USGS's [Coastal Wetland Synthesis Products and Tools for Chesapeake Bay](#) (Neil Ganju) [25 minutes]

- The USGS Chesapeake Bay Study has completed analysis of the UnVegetated-Vegetated marsh Ratio (UVVR) and elevation for over 90,000 wetland units in Chesapeake Bay, and will demonstrate uses of the data in decision-making for prioritization and restoration. They will also demonstrate the use of the marsh lifespan in estimating present-day vulnerability under future SLR scenarios, and restoration benefits.

2:55 PM Discussion/ Q&A about Resilience Tools [20 minutes]

- After hearing these three presentations on different resilience tools, the workgroup will have a chance to ask the presenters more about their tools as well as discuss how they may be utilized in targeting resilience projects.
 - How would you use these tools to help target or design your resilience projects (e.g., marsh restoration, living shorelines, forest conservation) to maximize benefits (e.g., coastal shoreline protection, bird and fish habitat, flood reduction, etc.)?
 - Which metrics interested you the most or could be the most helpful in identifying where to implement natural infrastructure to enhance resiliency (reduce vulnerability of shorelines, protect nearby communities, etc.)?

3:15 PM Review of Strategy Review System Next Steps and Workgroup Feedback [10 minutes]

- As we prepare for the Quarterly Progress Meeting Dry-Run during the October 20, 2022 Coordinator/Staffer Meeting, we are asking the workgroup to begin reviewing the Narrative Analyses and draft Management Board presentations for the Adaptation and Monitoring and Assessment Outcomes. If you would like to attend this meeting, please email Jamileh Soueidan (jamileh.soueidan@noaa.gov) to be added

to calendar invitation. Comments will be due Monday, October 25th. We will review the next steps in the SRS process and key deadlines.

3:25 PM **Additional Announcements and Wrap-Up [5 minutes]**

Announcements and Opportunities:

- EPA Region 3 Announcements:
 - The EPA Region 3 Office recently released their [Climate Adaptation Implementation Plan](#), which reaffirms the strong commitments made in EPA's 2021 [Climate Adaptation Action Plan](#) to address the devastating impacts of climate change on communities across the nation, while advancing environmental justice and equity. It also provides details on the specific actions Region 3 will take to protect human health and the environment and to increase the resilience of the Mid-Atlantic Region, even as the climate changes.
 - Registration for the virtual EPA Region 3 Climate Workshop taking place **November 9-10, 2022** is now open. This two-day workshop is an extension of the climate track from our Spring EPA Mid-Atlantic 2022 Summit and is intended to identify the shared climate and hazard mitigation priorities between Region 3 and our partners. For more information please reach out to Matthew Konfirst (konfirst.matthew@epa.gov) and to register [click here](#).
- NPS Chesapeake Gateways is now accepting proposals for their Networks Grants program, which focused on advancing equity, inclusion, accessibility, and community engagement across two strategic themes: Advance a Major Inclusive Interpretive Initiative with an Equity Lens and Promote Resilient Communities & Landscapes Through Tourism, Sustainability, Conservation & Local Economies. Total funding amounts to ~\$1,000,000 with an estimated range between \$25,000 and \$150,000 per award. NPS Chesapeake Gateways will be hosting two webinars to provide an overview about the grant program as well as two grant writing workshops. Applications are due January 30, 2023; for more information about the awards program, webinars, and workshops [click here](#).
- Recently the Chesapeake Conservancy, USGS, and the CBP successfully updated the high-resolution land data and conducted a change analysis. The updated data includes more land-use classes, with the change analysis identifying increases in development, loss of forests, and growing numbers of solar farms. Read more in this new science summary and contact Peter Claggett (PClagget@chesapeakebay.net), who has been involved in the effort for over a decade, for more information: [New high-resolution, land-use and change data improves decision-making in the Chesapeake Bay watershed | U.S. Geological Survey \(usgs.gov\)](#).

- [The Journal of Urban Tree Forestry and Urban Greening](#) recently released a call for papers that focuses on green infrastructure futures. This Special Issue aims to highlight options within land management (i.e., waste, economic thinking via business engagement, the role of metrics) in assessing the added-value of Green Infrastructure, and socio-cultural divergence in the use of Green Infrastructure in the future. The submission deadline for this issue is May 30, 2023.

3:30 PM Adjourn

Next Meeting: November 21st, 2022 from 1:00 PM-4:00 PM