



Climate Resiliency Workgroup Conference Call

Monday, April 15, 2019
1:30 PM –3:30 PM Full Workgroup

Conference Line: 929-205-6099 Meeting ID: 880-631-316

Webinar*: <https://zoom.us/j/880631316>

Meeting Materials:

https://www.chesapeakebay.net/what/event/climate_resiliency_april_2019_meeting

CBPO Location: Conference Room 305

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

AGENDA

Action Items

- ✓ Workgroup members please contact Jen within the next few days if you have any edits for the Climate Resiliency Workplan and Logic table.
- ✓ CRWG Staffer will send information to the workgroup about the possible STAC RFP proposals and duties of the workgroup if stated by the GITs.
- ✓ Francesca King (Diversity Staffer) will investigate if the data layers for the EJ Screen Chesapeake can be downloaded by users, and the information will be sent out to the workgroup.
- ✓ Workgroup members please send Jen, Cuiyin, or Breck any suggestions for the May in person meeting theme. Once the theme is chosen, an email will be sent out requesting suggestions for speakers.

1:30 **Welcome, Introductions & Announcements** – (Co-Chair Mark Bennett, USGS and Co-Chair Erik Meyers, The Conservation Fund)

- Update on Bay Barometer release
 - The Bay Barometer was released on April 2, 2019. It received a lot of press including questions about the climate narratives for the WIP3s.
- Update on the status of the Workplan and Logic table
 - Jen has not received any feedback on the workplan. It will be finalized on April 18th so please let her know of any edits in the next couple of days.
- Registration is open for the Spring meeting of the Hampton Roads Sea Level Rise/Flooding Adaptation Forum. Their topic for the Forum is Resilient Shorelines for Multiple Benefits and they are partnering with Central East Coast Chapter of the American Beach and Shore Preservation

Association. It is on May 10th at the Virginia Modeling, Analysis and Simulation Center, 1030 University Blvd, Suffolk, VA 23435. Coffee starting at 8:30 am and talk starting at 9am- lunch at about noon and finish up by 3 pm. Registration:

https://odu.co1.qualtrics.com/jfe/form/SV_cZUsHo8UKRr1tEp

1:45

Feedback on BMP Research List – Mark Bennet (USGS)

The workgroup along with the WQGIT presented a proposed process to the Management Board for the BMP research list on April 11th.

Materials: [Issue Paper](#)

Mark discussed how the BMP Research started with the PSC tasking the CRWG to assess the impact of climate on BMP efficiency and design for the 2022 and 2023 Milestones. Mark went to the Management Board (MB) in August and pointed out the CRWG didn't have the research capacity to complete this task, but if they wanted to answer these questions then they needed to take a more active approach and present an RFP. As a result, the CRWG prioritized their research concerns and brought it in front of STAC, the MB, and the Water Quality GIT (WQGIT) to get their input. Two of the main comments the WQGIT gave were that while stormwater management may be the number one priority, there is still other important BMPs that requires research too. The other comment was that the timeframe for 2022 or 2023 is not possible. Therefore, Mark told the MB that the process for an RFP would just be the start for all this research. Lewis Linker presented to the MB last week and put together an issue paper which laid out a process on how this effort could work. The short-term activities support the design and accelerate the adoption of climate change ready stormwater management systems. Long-term activities involve the CRWG and WQGIT examining the top tier agricultural/urban BMPs and actions in the WIP3s that are vulnerable to future climate risk. This effort may get started with the NOAA Interagency Agreement. There was good feedback for this effort, but the main question is does the CBP have the funding to move forward.

Lewis commented that on the second page of the issue paper there are specific recommendations, and MB approved them. He also stated that there is a draft budget. They identified some funding that may be possible. It would be approximately 80K for the first year. It could change, but this is the draft budget.

Mark asked if there was a timeline. Lewis responded that the first step was getting this approved which it has now, so the next step is how to get it done.

Mark will provide an update on this issue once he knows more about a timeline.

2:15

STAC-Sponsored Science Synthesis Project RFP – Jennifer Dopkowski (NOAA)

The Fish GIT asked if the workgroup is interested in working with them on a potential proposal. Proposals are due May 10th, and the workgroup may request up to \$125K. The project ideas are as follows:

- Impacts of climate change (increased precipitation, temperature increase, SLR, and OA) on oyster restoration, aquaculture and fishery (idea from VIMS)
- Climate impacts on estuarine dependent fish and shellfish species spawning and/or nursery habitat (striped bass, herring, shad, Black Sea bass, blue crab)
- Impact on estuarine dynamics and resulting changes in hypoxia conditions (extent, timing, severity)

Jen called into a Fish GIT conference call in which they discussed potential projects such as oysters, shad, and hypoxia that they would like to work with the CRWG on for the synthesis project. When Jen gets more definitive information on the project they have chosen and duties, she will share it with the workgroup. Mark commented that this effort is not research oriented but synthesis of exiting information.

Jen Dindinger asked what was the role of the GITs and workgroup once the RFP is out. Mark answered that the RFP is already out and a GIT will pull together what they want to do for the RFP. Some GITs may want the CRWG involved in it. The GITs have not identified the role for the CRWG, but he would let the workgroup know if any GIT asked for a specific action from the CRWG. He mentioned that this synthesis is a significant amount of work for the CRWG to take on themselves. There is more information about the RFP on this [site](#).

Jen Dindinger confirmed that the role of the CRWG would most likely be to advise a group of people applying to the RFP so then STAC would give them the funding to complete it. Mark agreed with her and added that the CRWG may also be involved during the competition process of the RFP through meetings, providing feedback, and review.

Jen Dindinger also asked who would get the money. Mark stated the scientists doing the research would get the funding which is why it would be hard for the CRWG to complete it because the workgroup doesn't have the staff for it.

2:45

Environmental Justice Screen Chesapeake- Tuana Phillips (EPA) & Francesca King (CRC)

Material: [Presentation](#)

EJ Screen Chesapeake is a modified version of the national EJ Screen tool that integrates Chesapeake Bay Program Partnership data resources. It was originally developed as a pilot effort to demonstrate how data important to multiple Outcomes of the Chesapeake Bay Watershed Agreement could be used alongside national environmental justice information to inform decisions throughout the Chesapeake Bay Watershed.

Jen has been talking with other GITs about collaboration to benefit both workgroups. She had a discussion with the Diversity workgroup on the EJ Screen Chesapeake which had the initial focus of climate resiliency. The use of this tool is to target areas and communities that are traditionally underrepresented and underserved, and this tool can be used in conjunction with other tools and resources to make informed decisions.

Francesca did a live demo to show how to navigate through the tool. Mark asked how they were going to increase visibility for this tool. Francesca answered that she has presented this group to other organizations, and she is working with GIT5 and Environmental Literacy group to learn how to incorporate it into their work too. Mark asked if anyone sees an opportunity for Francesca to share this work to please get in contact with her. Mark also asked if she knew of any layers that would be added to it. Francesca did not know of any now, but she would be happy to talk with people to expand on it.

Sally Claggett mentioned that the Forestry workgroup knows about the EJ Screen Chesapeake Tool, and they are hoping to work with the Diversity workgroup in the future to expand on it.

Jen mentioned that Francesca may want to reach out to the Baltimore Office of Sustainability.

3:15

Finalized topic for May in Person Meeting

Potential topics for the May in Person Meeting include:

- Shoreline condition and response
- BMPs
- Resiliency
- Inland and urban flooding
- Stream health and condition
- Marine debris

Jen mentioned that she has been collaborating with other workgroups such as The Habitat GIT. They have asked her to present on the Climate Smart Tool and how it can be incorporated with their SAV and Black Duck Tools. She suggested then that part of the May meeting may include what the CRWG is doing with other workgroups. Jen asked the workgroup for any ideas that would cover topics in the workplan.

Zoe commented on the draft WIP3s and the climate narratives included in them. She asked if the workgroup will be looking at these strategies. Mark said the workgroup has not come up with a process yet to provide feedback. She then suggested that part of the May meeting be used for a representative from each state to go over their strategies. Mark and Jen agreed this was a good idea.

Next Meeting Dates: May 20th (In Person Meeting)

Participants: Jen Dindinger, Rebecca Chillrud, Jason Bernagros, Tuana Phillips, Cuiyin Wu, Mark Bennett, Jen Dopkowski, Nicole Carlozo, Ashley Gordon, Kate McClure, Krista Romita Grocholski, Zoe Johnson, Kevin Dubois, Lewis Linker, Cassandra Davis, Shannon Sprague, Sally Claggett, Erik Meyers, Melissa Deas, Francesca King, Heidi Bonnaffon, Angie Wei, Breck Sullivan