



## Climate Resiliency Workgroup Meeting

Monday, September 21, 2020

1:30 PM – 3:30 PM

Meeting Materials:

[https://www.chesapeakebay.net/what/event/climate\\_resiliency\\_workgroup\\_crwg\\_september\\_2020\\_meeting](https://www.chesapeakebay.net/what/event/climate_resiliency_workgroup_crwg_september_2020_meeting)

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

### Minutes

- ✓ **ACTION:** CRWG Members that interested in attending the “Building Local Community Resilience Against Climate-Related Flooding” Forum should email Jennifer Starr, [jtarr@allianceforthebay.org](mailto:jtarr@allianceforthebay.org), for Zoom log in info.
- ✓ **ACTION:** Mark, Julie, Cuiyin, and Breck will draft the SRS narrative analysis and revise the presentation incorporating feedback from the workgroup. Drafts will be shared with the workgroup before the STAR meeting dry run on October 22.
- ✓ **ACTION:** Let Julie know if you are interested in helping with the Bay-wide Climate Resilience Scorecard effort (e.g., participate on steering committee, review materials, attend local virtual engagement meeting as subject matter expert, etc.)

**1:30 PM**      **Welcome and Meeting Overview – Co-Chair Mark Bennett (USGS) and Erik Meyers (The Conservation Fund)**

#### Workgroup Announcements:

- September 24<sup>th</sup> - LGAC and CRWG, “Building Local Community Resilience Against Climate-Related Flooding” Forum ([see agenda](#))  
**ACTION:** CRWG Members that interested in attending this forum should email Jennifer Starr for Zoom log in info.
- FY20 GIT-Funding Update – Julie Reichert-Nguyen (NOAA)  
GIT funding scoring meeting will be held on Sep 29th.
- Funding Opportunity – NOAA Effects of Sea Level Rise (ESLR)
  - LOI due by 11:59 PM on **October 16, 2020**, while full proposals will be due by January 11:59 PM on January 7, 2021
  - <https://www.grants.gov/web/grants/view-opportunity.html?oppld=328992>
- Resilient Virginia 2020 Webinars,  
<https://resilientvirginia.org/education/2020-resiliency-academy>
- Sept 16 William & Mary webinar recording, “The Challenge of Financing Resiliency”:  
<https://law.wm.edu/academics/programs/jd/electives/clinics/vacoastal/conferences/2020fallwebinars/index.php>
- Nicole mentioned that MDDNR is currently working on an [EESLR project](#) if anyone would like to explore connections. She added that MDNR

announced that the [Grants Gateway application](#) is open for local governments and organizations for Fiscal Year 2022.

**1:40 PM**

**SRS Update: Logic & Action Plan – Julie Reichert-Nguyen (NOAA)**

CRWG Leadership and staffers went over the 2018 – 2020 Logic & Action Plan to assess the status of each action item (red/yellow/green analysis). We will review the Logic & Action Plan with the workgroup members to determine whether we accurately reflected the status of each action.

[Material: SRS Logic and Action Plan](#)

Discussion:

- Scott Philips recommended using the narrative analysis as a support for the summarized information for the Management Board (MB) presentation. He added that you can use the old narrative analysis as the basis for the new narrative analysis. He added that the stoplight plot and narrative analysis is critical for decision making sequence which can be used to inform what you plan to accomplish for the next two years.
- Kristin mentioned that in a perfect world, you would complete the narrative analysis and logic and action plan first, as they take you through the steps of the analysis in the adaptive management process. Those spot the learning and the doing that then informs the presentation, for future reference and use.

**02:10 PM**

**SRS Update: Presentation to the Management Board – Mark Bennet (USGS)**

CRWG Leadership and staffers began drafting the SRS presentation. Mark will go over the presentation and solicit feedback from Workgroup members.

[Material: SRS MB presentation](#)

Discussion:

- Scott Philips recommended spending less time on the successes and challenges and more time on where you want to go. He added that asking MB for additional resources is not an effective ask – instead state that you would like to work with the MB to look into long-term options. Similar for the second ask, to look at \*options\* for long term funding.
- Scott also stated that the CRWG has the largest scope than any of the other workgroups in the Bay Program and agreed that focusing on a smaller number of priorities would help make things more manageable. He recommended asking MB for their input on what they view is most important to help us prioritize our actions. There is ~ 3 months to develop the new work plan. CRWG could follow-up with the MB to go over list of actions and to get their help in narrowing the focus.
- Jim George asked about the progress of the Baywide Climate Resilience Scorecard GIT-funded project. Julie mentioned that RAND will give an update on their progress in October meeting. Jim asked if this work will be informed by the Flood Forum. Julie mentioned that she is keeping a list of resources to help inform the scorecard project and recommendations from the forum could be included.

- Krista mentioned that she is also working on the IDF curve GIT funding proposal and anyone is interested in these two proposals can contact her at [kristarg@rand.org](mailto:kristarg@rand.org).
- Nicole asked Mark to elaborate on the research agenda for BMP performance under changing climate conditions. Mark mentioned PSC request and efforts to assess "BMPs that will be the most impacted" to inform the research agenda, which will be needed to justify dedicated funding. Julie shared there is a Cooperative Agreement between EPA and the Chesapeake Stormwater network looking into urban stormwater BMP performance through the Urban Stormwater Workgroup. There is also a STAC-funded project to Virginia Tech to assess mostly ag, but also some urban and inland natural BMPs. There is also an Interagency Agreement between NOAA and EPA to use funds to assess tidal influenced BMPs with habitat and living resource co-benefits. All these efforts are in different phases, but ultimately can be used to inform a research agenda once completed.
- Kristin mentioned that it will help to be intentional about who you want to work with on the climate smart tool, as in name workgroups, outcomes or goal teams you want to put in your plan over the next two years, and have them respond, rather than asking for volunteers. It may help you hone in on specific connections to build on.
- Kristin asked CRWG to think about what MB could do to accelerate CRWG's work, such as incorporating climate impacts on shallow water in the model or something else.
- Scott commented that the synthesis of potential climate effects on BMPs is a critical topic. He recommended emphasizing that there are several efforts underway and have a slides in your presentation on the topic. MB will want to understand ongoing BMP efforts, and remaining gaps, before they agree to dedicate for BMP research.
- Mark commented that the ongoing BMP research agenda will lead to the identification of gaps to inform a research agenda.
- Jim mentioned that ultimately there will be a need for increased funding for BMPs to address climate impacts – revised designs, more maintenance.
- Jim recommended mentioning resilience building efforts (such as baywide scorecard) earlier. Mark added that we should highlight how this work can help localities. Jim emphasized identifying co-benefits related to local priorities and the Bay restoration goals.
- Elizabeth commented that localities also face the need to look at funding related to purchasing land behind marshes, to provide for future migration due to SLR. Nicole commented that this topic may be tackled in the resilience scorecard.
- Jim George mentioned resilience easement which can be incorporated in the scorecard.
- Neil commented that USGS completed a GIS-based marsh-forest slope assessment for whole bay, paper forthcoming. Combined with ADCIRC

flooding model to provide a likelihood score. This work is published dataset here, paper in prep:

<https://www.sciencebase.gov/catalog/item/5e95cbd082ce172707f2528c>

- Julie mentioned a session on climate scorecard will be held during the Chesapeake Bay Watershed Forum (virtual this year).

**3:30 PM Meeting Adjourn**

**Next Meeting:** October 19, 2020 1:30 – 3:30

Meeting Participants:

Mark Bennett

Julie Reichert-Nguyen

Cuiyin Wu

Ann Philips

Jennifer Starr

Cassandra Davis

Allison Breitenother

Lindsay Bryon

Scott Philips

Ashley Gordon

Krista Romita Grocholski

Neil Ganju

Nicole Carlozo

Kristin Sanders

George Kelly

Katie Matta

Sally Claggett

Zoe Johnson

Breck Sullivan

Taryn Sudol

Katie Dyer

Kate McClure

Jeremy Hanson

Jim George