



Climate Resiliency Workgroup (CRWG) Meeting

Monday, March 18, 2019

1:30 AM –3:30 PM

Meeting Materials:

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

Minutes

- 1:30** **Welcome, Introductions & Announcements** (Co-Chair Mark Bennett, USGS and Co-Chair Erik Meyers, The Conservation Fund)
- Update on SRS Biennial Meeting
 - Jen presented the process of CRWG science priorities during the SRS Biennial meeting.
 - Update on finalized BMP research list
 - CRWG will work with WQGIT to provide a finalized BMP research in April MB meeting.
 - Krista announced that the second climate summary for Chesapeake Bay will be published this week. A survey attached to the summary is updated and she is looking for
 - Molly announced that after [the SLR report card presentation](#), she created a bay report card with a rate of rise for several stations and will be live soon.
 - Jim George provided an update on the GIT grant social marketing research on shoreline. The project is in the process of bidding and is planning to start in June.
 - Rebecca announced that Chesapeake bay program has put up a [blog](#) about the economic impact of nuisance flooding for Annapolis.
- 1:45** **Finalizing SLR recommendation for Bay Program – Mark Bennet, USGS**
- The CRWG will provide recommendation on SLR by combining the methods provided by VIMS (Molly) and UMCES (Dom). The target date for the projection is the 2025, 2035, 2045. This is the run that will be done by the end of the year, and will present to PSC at the end of this year.
- 2:00** **Tree canopy indicator – Julie Mawhorter, USFS**
- 7 climate related indicators are published on the Chesapeake Bay progress website. This presentation is to discuss a possible additional indicator of tree canopy. Julie also proposed to overlay the tree canopy and urban heat island data to demonstrate priority areas to plant and conserve trees for public health.
- Krista's colleagues are working in the urban heat island and would like to further discussion.
- Melissa from DC is also interested in combining the urban heat island data and urban tree canopy.
- Julie asked if urban tree canopy is part of the group's interest in adding
- Erik asked about the methodology in measuring the change and if that's through remote sensing. Julie responded that there are two methods and one is Peter Claggett is maintaining land cover data and the other is NEIEN database.
- 2:30** **Finalized CRWG Workplan – Jennifer Dopkowski, NOAA**

The deadline for commenting CRWG workplan is Wednesday March 20. The Workplan will go through public comment/review period between 3/25-4/18. CRWG will prepare to answer any comments as needed on the workplan to MB on 4/11. Workplan/management strategy finalized on 4/18.

Requesting ideas for May inperson Climate Resiliency Workgroup Meetings.

Jim proposed to create products for broader communities to analyze and synthesize lessons learned and put MDE next to this item.

3:00 STAC-Sponsored Science Synthesis Project RFP – Jennifer Dopkowski, NOAA

The Chesapeake Bay Program's Scientific and Technical Advisory Committee (STAC) and the Chesapeake Research Consortium (CRC) are now accepting proposals to support a science synthesis project related to how climate change may impact on-going efforts to restore and protect the Chesapeake Bay. Appropriate topics for a STAC-sponsored science synthesis project are those where a thoughtful analysis and synthesis of available data and/or previously published results would identify, characterize, and suggest means of addressing important knowledge gaps, inform additional research, and place scientific information into a management-relevant context. All proposals are DUE to STAC by Friday, **May 10, 2019**. If you have any questions, please contact STAC Chair Brian Benham (benham@vt.edu) or Rachel Dixon (dixonr@chesapeake.org).

Brian mentioned that the science synthesis is the idea proposed by Jim Edward and Rich Batiuk. Mark added that this is not new research but compiling current work.

Jim asked if it is possible to engage with other Workgroup with the Bay program and see if other Workgroup is interested in work on this subject together. Jen will propose this to other workgroup during Coordinators and Staffers meeting.

Next Meeting Dates: April 15

Meeting Participants:

**Jeremy Hanson
Cuiyin Wu
Jen Dopkowski
Breck Sullivan
Nicole Carlozo
Richard Tian
Krista Grocholski
Jim George
Molly Mitchell
Mark Bennet
Rebecca Chillrud
Melissa Deas
Jennifer Demooy
Julie Mawhorter
Erik Myers**