



Climate Resiliency Workgroup (CRWG) Meeting

Monday, December 17, 2018

1:30 PM –3:30 PM

Meeting Materials:

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

Minutes

Thematic Focus: Climate Resiliency Research Agenda and Workplan

1:30 Welcome, Introductions & Announcements (Co-Chair Mark Bennett, USGS)

- Chesapeake Bay Sentinel Site Marsh Summit (February 2019)
- STAC Workshop Funding - request for proposals (February 2019)
Mark requested idea for proposals to be sent to CRWG leadership by Jan meeting
- US CLIVAR Climate Variability and Predictability Program
 - Sea Level Hotspots from Florida to Maine: Drivers Impacts and Adaptation
 - (April 23 - 25, Norfolk, VA)
- CPASW 2019 CALL FOR ABSTRACTS
 - Integrated theme: “Climate Information for Coastal Risk Reduction”
 - (June 11-13, 2019, Charleston, SC)

Zoe mentioned that a [report](#) by University of Maryland sea level protection panel released projection on Thursday.

Kevin Du Bois mentioned a report from Hampton Roads Planning District Commission on the sea level rise planning policy and approach document Mark requested a presentation from Ben

Rebecca mentioned CBP webpage has a [blog](#) that spotlights the NCA 4 and the work of the Climate Resiliency Workgroup.

Next month another newsletter will be sent out, please send out any updates to Rebecca.

1:40 Natural and Working Lands (NWL) Initiative (Jennifer de Mooy, DE Department of Natural Resources & Environmental Control; Chris Brosch, Delaware Department of Agriculture; Jennifer Volk, University of Delaware Cooperative Extension)

Objective: The Natural and Working Lands (NWL) initiative is an effort led by member states of the U.S. Climate Alliance to support management and restoration activities on

forest lands, wetlands, and farmlands that help reduce greenhouse gas emissions through enhanced carbon sequestration and storage. The NWL initiative addresses an important overlap between climate adaptation and mitigation. Many of the BMPs promoted for water quality, ecosystem, and habitat benefits also provide a carbon “benefit.” <https://www.usclimatealliance.org/nwlands/>

Jim asked if Jennifer was familiar with the healthy soils consortium by Maryland. Jen confirmed.

Jim also pointed out another resource from National Academy Science has released carbon sequestration report.

Mark commented one way to incorporate this into case is to track the ecosystem services value of carbon which can be factored in to optimization and cobenefits.

Jennifer recommended blue carbon which also is one of the session topics of Marsh Resilience Summit

2:00

Creating a Research Agenda (Mark Bennett, USGS)

Objective: The Management Board requests that the CRWG develop a prioritized list of climate research needs to guide the CBP and Climate Resiliency Workgroup going forward. This task is in tandem with the Management Board development of a list of research needs for the Bay Program. Discussion to include the recent Climate Research needs prioritization survey and our 12/7 presentation to STAC on those prioritized Climate Research Needs as well as input into the management board prioritized list of research needs

Support Materials:

- Follow ups from the STAC workshop
- Prioritized list of climate research needs
- Climate research survey

Jen Dindinger pointed out that "Managing with Uncertainty" seems like a cross-cutting theme that every government at every level needs to deal with. She asked if the Management Board want CRWG to host a workshop that focuses on the social science issues of risk and uncertainty, rather than trying to identify more "certainties" with the data? Mark responded that STAC is concerned with uncertainty with climate projections, and how does the program deal with the range of the number.

Sally agreed that we should pushing this on the ground and suggested a STAC workshop and how other types of uncertainties come into it.

Jennifer de Mooy pointed out that for the narrative templates also talks about the uncertainty and the risk management and she agreed with having a STAC workshop on how local folk manage risk.

Jennifer Dindinger commented that uncertainty of data is only one side of uncertainty. Mark mentioned that if anybody interested in chairing a STAC workshop should reach out to him via email.

2:30

Developing the CRWG Workplan (Mark Bennett, USGS; Jen Dopkowski, NOAA)

Objective: The Management Board requests that the CRWG update their two year workplan and management strategy to guide the CBP and Climate Resiliency Workgroup going forward. We will walk through the work plan and actions to come to consensus on a near to final workplan. Please review in advance and be prepared to assist in populating the workplan.

Support Materials:

- draft work plan

Goal is to finalize work plan by January. Jen mentioned that the factors influencing the outcomes are from management strategy which can be updated.

Jennifer asked if Jen need suggestions on factors and current efforts, and she added that ODU is working on localized land subsidence as for non-climate related factor.

Jennifer asked how legislative authority is represented in the workplan, and how the legislative authority was brought into the scope of discussion. Mark encouraged members to provide feedback on revising the workplan.

Laura pointed out that this is from management strategy, but the workgroup may not need to act upon. Mark added that the workgroup may not need to work on but we can facilitate the discussion.

Jen recommended that if there is only one management action so maybe change the approach to the action. Laura responded that the structure can help readers to think differently.

Jen asked about adaptation action 3.5. Jennifer responded that possibly tie in with a university or other entities to do a Chesapeake Bay focus. Jen Dindinger added that Maryland Sea Grant will be cohosting a climate forum in the summer time.

Jen added that constructive criticism is welcome, and the goal is to have a narrow focus of the workplan.

Please provide feedback to Jen by the end of this week, this workplan will be presented at the STAR meeting on Jan 24th, 2019.

Jennifer de Mooy asked how the workplan reflected on the previous four areas we identified. Jen responded that it was added in the previous version of the workplan.

Next Meeting Dates:

- January 28, 2019 Telecon
- February 25, 2019 In person meeting

Meeting Participants:

Ben McFarlane, Elizabeth Andrews, Jen Dindinger, Jenn Raulin, Sally Claggett, Jennifer de Mooy, Jennifer Volk, Zoe Johnson, Rebecca Chillrud, Jeremy Hanson, Taryn Sudol, Laura Drescher, Chris Brosch, Jim George, Shannon Sprague, Mark Bennet, Jen Dopkowski, Cuiyin Wu