



Climate Resiliency Workgroup Conference Call

Monday, May 18, 2020
1:00 PM – 3:30 PM

Conference Line: (224) 501-3412 Access Code: 339-980-589

Please see email/calendar notice for password

Webinar*: <https://global.gotomeeting.com/join/339980589>

Meeting Materials:

https://www.chesapeakebay.net/what/event/climate_resiliency_workgroup_may_2020_in_person_meeting

Location: Conference Line

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

AGENDA

- 1:00 PM Welcome and Meeting Overview – Co-Chair Mark Bennett (USGS) and Erik Meyers (The Conservation Fund)**
- Update on CRWG activities
 - Learn about USGS stream condition analysis related to land use and climate change scenarios and USGS/UMCES study on long term and short term trends for key parameters such as water temperature, DO, TN, Chl-*a* etc. The information from these studies could assist with our climate indicator work.
 - Discuss and rank FY20 GIT-funding ideas in preparation for the May 20th cross-workgroup meeting and proposal submission by June 15th.
- 1:10 PM CRWG Activities, Coordinator Julie Reichert-Nguyen**
- **Blog by Cuiyin Wu (CRWG staffer):** How choosing the right tree can help adapt to climate change. Check it out [here](#).
 - **Consulting Hours with Finance Experts:**
GITs have been assigned two finance coaches. The coaches are available for consultation for six months, from May 1 to October 30, 2020. Between now and August 3, each coach is available to advise for up to 10 hours. We ask that workgroup members let us know if they are interested in taking advantage of these one-on-one consulting hours for existing or future projects they are working on/planning. Projects must have a climate-related component to them.
 - **FY19 GIT-Funded Project Status:**
The RAND Corporation/VIMS were awarded the contract for the FY19 GIT-funded project, “Building a Bay-Wide Scorecard to Track Climate Resilience for Watershed Communities.” We had our kickoff meeting on May 1, 2020. We are looking forward to working with them on this project! CRWG

members interested in assisting with this project, please contact Julie Reichert-Nguyen, julie.reichert-nguyen@noaa.gov.

1:25 PM

LGAC Flood Summit – Jennifer Starr (LGAC coordinator, Alliance for the Chesapeake Bay) and Julie Reichert-Nguyen, (NOAA)

CRWG is assisting the Local Government Advisory Committee with organizing a summit with local decision-makers to discuss strategies to address flooding. The summit is scheduled for September 24th. We are looking for members who have experience working on flooding issues to be on the planning committee. The draft problem statement is provided below:

***Problem Statement:** As more and more communities face the increasing challenge of climate-related disasters involving inland and coastal flooding from extreme weather events, high tides, and sea level rise, there is a growing need for local decision makers to combine efforts across localities to harness support at a regional level to make the case to state and federal partners for funding actions to improve resiliency. Framing the issue, and making it one of hazard mitigation, national security, public safety, and economic vitality is critical to quantify the cost of doing nothing compared to securing resources to prepare for and better respond to flooding impacts.*

1:40 PM

The potential effects of land-use and climate change on future stream conditions – Kelly Maloney (USGS), Kevin Krause, Lauren Hay, Greg McCabe, Terry Sohl, and John Young (USGS) and Claire Buchanan and Zachary Smith (ICPRB)

This USGS study examined the possible effects of a suite of land-use and climate scenarios on the biological condition of 70,772 small streams in the Chesapeake Bay watershed for the years 2030, 2060, and 2090. The study used the Chesapeake Basin-wide Index of Biotic Integrity (a benthic macroinvertebrate index) to represent stream condition. Researchers evaluated four land-use scenarios representing a range of landscape futures and, for the future climate scenarios, summary statistics from 122 downscaled global circulation models. A current scientific challenge is projecting future stream conditions while accounting for the high variability among the possible future land-use and climate scenarios. This study is among the first to project future stream biological conditions based on a suite of disparate land-use and climate scenarios.

More about this study can be found [here](#)

2:10 PM

Tidal GAM Trends to evaluate water quality in the Chesapeake Bay – Jeni Keisman (USGS) and Rebecca Murphy (UMCES)

The Integrated Trends Analysis Team uses a generalized additive model (GAM) approach to evaluate tidal water quality and produces annual maps of long term and short term change for key parameters such as water temperature, DO, TN, Chl-*a* etc.

More trend maps can be found [here](#)

2:40 PM 2020 Chesapeake Bay Program Goal Team Funding – Julie Reichert-Nguyen, (NOAA)

Objective: GIT Funding Ideas: Goal Team Funding for 2020 will once again become available, with funding for projects within the \$25-\$75k range and the total funding amount is \$829,250. Please be prepared to discuss these ideas further, and/or other project ideas for this year's funding. A list of potential project ideas has been put together for the WG members to review.

Proposals (Table 1) will be due on **June 15.**

RFP can be found [here](#)

3:30 PM Meeting Adjourn

Next Meeting: June 15, 2020 1:30 to 3:30 pm