



Scientific, Technical Assessment & Reporting Team Meeting

TOPIC: Dry Run of SRS Presentations

July 26, 2018

10:00AM – 12:30PM

Fish Shack, CBPO

Event webpage:

https://www.chesapeakebay.net/what/event/scientific_technical_assessment_and_reporting_star_team_meeting_july_2018

Minutes

10:00

Welcome and Introductions- *Bill Dennison, Mark Bennett – STAR Co-Chairs, Peter Tango, STAR Coordinator*

Upcoming Conferences, Meetings, Workshops, & Webinars-

- [National Conference on Ecosystem Restoration](#), August 26-30, 2018. New Orleans, LA
- [2018 Crowdsourcing Week Global Conference](#), October 24-28, 2018. Washington, DC.
- [AWRA's 53rd Annual Water Resources Conference](#), November 4-8, 2018, Marriott Inner Harbor at Camden Yards, Baltimore's MD
- [ACES 2018. A Community on Ecosystem Services](#). December 3-6, 2018. Washington DC area.

Abstracts closed.

- [American Geophysical Union](#), Washington, DC December 10-14, 2018. **Abstracts due August 1, 2018.**
- [11th National Water Monitoring Conference](#), March 25-29, 2019. Sheraton Denver Downtown Hotel, Denver, Colorado. Presentation and poster **abstracts due August 15, 2018**
- [Citizen Science Association Conference](#), March 13-17, 2019. Raleigh NC. Session and symposium proposals due August 17, **Poster and talk abstracts submission anticipated for October 2018.**
- [Coastal and Estuarine Research Federation](#), November 3-7, 2019. Mobile, AL. Session proposals should be developed soon.
 - Bruce Michael (MD DNR) announced that the first two summer water quality cruise result for June show that we are above the long-term average of hypoxia. He expected the first two cruises in July will be worse than long term average. Due to significant rains in July, Conowingo is at the high flow rate of about 300,000 cfs with a huge amount of debris. MD DNR is coordinating with USGS to get multiple samples as these events are anticipated to have significant impacts on the Bay. The hypoxia conditions might not be as bad as earlier summer due to the wind events of this stormy season. There is additional coordination with UMCES and federal partners to characterize the impact of the high flow events watershed habitats later in the year.
 - Bill Dennison announced that two papers just came out: the first one is long-term hypoxia changes by Jeremy Testa is reported on in the Bay Journal, and another one from Raleigh Hood on long-term climate data precipitation trends.
 - Bruce Vogt: Question on whether STAR can be a platform to synthesize the sampling results from these high flow events, gathering information on how to adapt to an event like this. Bruce Michael concurred. Bill added that it is valuable to see how resilient is the bay to large event like this. (Yes, STAR will be a venue to track the storm effects and highlight impacts.)

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10:05

Change and Resiliency SRS Outcome Presentations (Dry runs)- see below for presenters

A representative from each outcome will provide the presentation, incorporating cross-GIT mapping, planned for the August 9th Management Board meeting. Participants at the STAR meeting will provide constructive feedback on each presentation.

Presentations:

- Wetlands Outcome— Christine Conn, MD DNR

[See presentation](#)

Discussion:

- Bruce asked to define the acronym of NEIEN. Gary responded that National Environment Information Exchange Network gathers data from the States and Bay Program can have access to the data.
- Kristin Saunders asked why the wetland acres suddenly changed so much in 2013 in the bar graph
- Laura responded that the increase in the numbers came from an increase in reporting, not so much an actual increase in acres.
- Kristin pointed out the action team are led by the MB and recommend wetland workgroup asking for an action team to look at reorganizing the wetland workgroup. With the help from MB looking at the structure and the who.
- Carin added that MB is capable of pulling together action team to look at the PCB consortium idea.
- Bill highlighted the importance of wetlands and the relationship to other living resources.
- Peter recommended getting internal help to look at the structure of the wetland workgroup
- Gary recommended that instead of asking for action team but present one or two focus the “ask” to the management board such as for staff time or staff support.
- Carin highlighted the value of having all of the states working together
- Bill made recommendations on the language on the decision framework
- Alicia pointed out that benefits on tidal and nontidal wetland should be stated separately
- Renee recommended that the bar graphs should show which states are making more progress
- Any other comments about this presentation should be given to Margot Cumming.

- Black Duck Outcome – Alicia Berlin, USGS

[See presentation](#)

Discussion:

- Bill noted the inconsistent use of capitalization for improving the presentation. This presentation connects to the wetland and only tidal wetland is beneficial to the black duck.
- Carin pointed out that MB may not be familiar with Black Duck and the management of Black Duck. She recommended to be specific with what is needed from the Management Board.

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- Christine asked that change wording to “prioritize the funding” instead of “assistance of funding”.
 - Bill pointed out that co-benefit slides maybe be consistent with the wetland workgroup
 - Carin recommended adding a slide of the flyway map and stating why the habitat is the issue. Bill added it would help to emphasize Black Duck as an iconic species.
 - Bruce asked Paige to send the map of priority to him.
 - Peter pointed out that if we don't have a winter population estimate, is there any summer breeding ground surveys so that we can have a sense of population status, not that we get 100% habitat needs met but avoid doing great habitat work only to find that the bird populations are tanking. Carin stated that we can't control the Black Duck population, but we can control the habitat they need is sufficient. Alicia pointed out researchers think that breeding ground is the issue.
- Combined Climate Resiliency Monitoring and Assessment, and Adaptation Outcomes: Mark Bennett, CRWG Chair
[See Presentation](#)
 Discussion:
 - Bill asked if Gary had any response to the model aspects. Gary commented that Mark is accurate.
 - Carin encouraged Mark to rethink the logic framework.
 - Carin and Renee suggested shortening the requests and the usage of bold fonts.
 - Kristin asked Mark to mention refining workgroup priorities in the MB meeting. During the final slide before the discussion slide and less word will be better
 - Kristin also suggested thinking about keeping the wordy slides for the homework, but for the actual presentation only have one word for each bullet.
 - Renee recommended reword the logic table and put in the factors and gaps in the same slides. The map for temperature is too small. She also added that make it easy for the audience to get more information. Connected back to Brook Trout for the stream temperature. Add a picture of a brook trout in the stream temp cross outcome map. Possibly add a link to access the Decision Support Tool? Provide links to the Compendium, or any work the group has developed.
 - Bruce commented the participation of CRWG changed because of the shift of the goals. Mark responded that we will try to get more participation by shifting the goals of the workplan. He added that we can try to get more workgroups to use the tools. Bill added that historic perspectives of the CRWG can be added upfront.
 - Bruce mentioned the coastal resilience RFP and the Bay program's position in terms of coordination. Bruce added that if there was a way for this group to help identify and collect the shovel-ready projects for resiliency funding opportunities, this would be very helpful as we've missed these opportunities recently.

12:00

Chesapeake Bay Wetland Science - Greg Noe, USGS

[See presentation](#)

Discussion:

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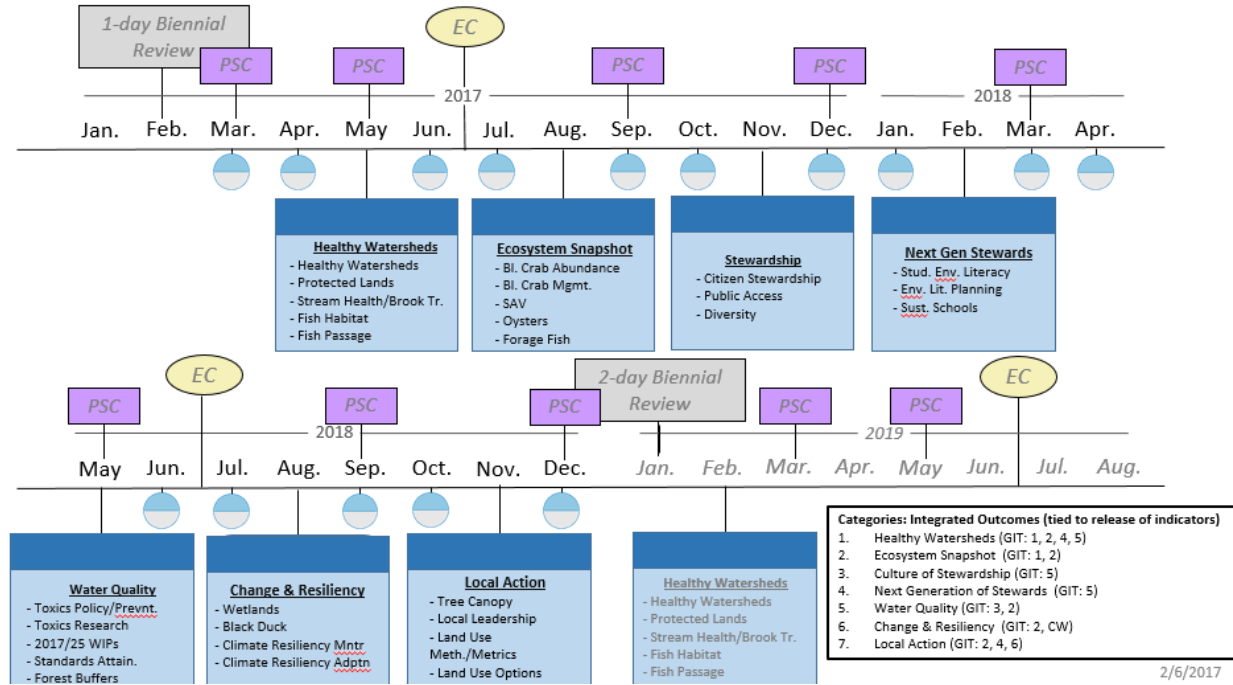
- Bill recommended Greg to draft bold prediction since Greg has so many data available, and the potential long-term sediment trend impacts for SAV. Greg said his next step is to draft modeling framework to identify wetland vulnerability. Bill thinks a synthesis paper for the watershed can be very helpful for managers.
- Gary recommended the earlier the communication the better to start assembling how this information can be helpful.
- Bill recommended bringing in resources managers during the writing sessions.
- Gary asked how does sediment shadow help explain the geomorphic evolution of the watershed. Greg responded that that has to do with the legacy effect.

Meeting Participants:

Alicia Berlin	Greg Noe
Angie Wei	Jen Dopkowski
Annabelle Harvey	John Wolf
Bill Dennison	Kristin Sanders
Bruce Michael	Laura Drescher
Bruce Vogt	Laurel Abowd
Carin Bisland	Mark Bennet
Caroline Donovan	Melissa Merritt
Catherine Krikstan	Paige Hobaugh
Christine Conn	Peter Tango
Cuiyin Wu	Rachel Dixon
Emily Bialowas	Renee Thompson
Gary Shenk	Shannon Sprague
Greg Barranco	Taryn Sudol

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Biennial SRS Outcome Groupings



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