

Management Board Meeting
September 11, 2014
Actions and Decisions – Annotated

Note: The October MB meeting was cancelled in lieu of a GIT Chairs meeting

Updates

Decision: Frank Dawson (MD) agreed to Chair the Diversity Workgroup.

The Diversity Workgroup has begun its work on the Diversity Outcome Management Strategy.

Decision: The Management Board agrees that the agreement should be more prominent on the website.

Completed.

Action: CBP Partners should let Margaret Enloe know if they plan to speak at the Restore America's Estuaries conference Nov. 3-6 at the National Harbor Center.

Completed. CBP partners participated in 13 sessions and submitted one poster for the RAE Conference. See Attachment I for details.

Basin-Wide BMP Verification Framework

Decision: Approved the change in the effective dates for reporting verified practices from "2 years after the date of the PSC adoption of the basin-wide framework" to "2 years after the date of EPA approval of the jurisdictions' BMP verification programs."

Decision: The Basin-wide BMP Verification Framework, with changes added from the Management Board meeting, will be presented at the September 22, 2014 PSC meeting with a request for approval.

Completed. The BMP Verification Framework was approved by the PSC at their Sept 22 meeting.

Management Strategy Development Issues

Action: Agreed to add key management strategy development documents to the MB webpage; Lauren Taneyhill will add the documents under the "Projects and Resources" tab.

Completed. New documents are being added as developed.

Action: Agreed to update timeline to say "key update" or "check point" instead of "management strategy review" on December 11 Management Board meeting.

Completed. The timelines has been revised to reflect these and other changes made pursuant to the Sept. 22, 2014 PSC meeting.

Decision: Agreed that management strategies need to be complete, but the level of completeness can vary. Each key element needs to be filled out, at least with an explanation of why it isn't complete and a plan to address it ("aim high or explain why").

Decision: Agreed to provide time at the next Management Board meeting for the GIT chairs to talk about their progress developing management strategies.

Key Elements Document Revisions

Decision: Finances should be brought to the level of attention and consideration as other pieces of the management strategies.

Decision: Environmental conditions should be allowed to be assessed in biennial reviews.

Decision: Management Board approves the use of a biennial work plan.

Decision: The first year of management strategy implementation, the workplans will last for 2.5 years to align them with the water quality 2-year milestones.

Decision: A final draft of the Key Elements document will be distributed to the Management Board for a fatal flaw review. Fatal flaw revisions will be incorporated, and the document will then be considered final and posted under the “Projects and Resources” tab on the Management Board webpage.

Revisions in progress.

Federal Facilities Targets

Decision: Agreed to continue discussions on federal facility target issues, including local governments, with the goal of having a recommendation for consideration by the December PSC meeting.

In progress.

Attachment I

Chesapeake Bay Program at Restore America's Estuaries Conference



Sunday, November 2, 2014

4:30-6:00: Chesapeake Bay Clean-Up Effort – Are we on track? – Maryland Ballroom

A panel of esteemed speakers will address clean-up efforts to meet 2017 goals.

Moderator: Will Baker, CBF

- Mark Bryer, TNC
- Jeff Corbin, EPA
- Spencer Phillips, Key-Log Economics

Monday, November 3, 2014

11:00-12:30: New Insights in Restoring the Chesapeake Bay: Science-Based Evidence for Water Quality Improvements, Challenges and Opportunities – CH-AB

This session will provide an overview of management practices and water quality improvements in the Chesapeake Bay watershed. Three themes will be discussed: 1) what practices are proven effective; 2) challenges that impede progress; and 3) innovations needed to address intensified agriculture and rapid population growth.

Chair: Scott Phillips, USGS

- *Efforts to Reduce Nutrients and Sediment to Achieve Water Quality Improvements in the Chesapeake Bay*
Katherine Antos, EPA
- *Science-Based Evidence for Water Quality Improvements, Challenges, and Opportunities in the Chesapeake Bay Ecosystem*
William Dennison, University of MD Center for Environmental Science
- *Factors Delaying and Counteracting Water Quality Response to Management Practices*
Scott Phillips, USGS
- *Adaptive Management, Innovation, and Monitoring Insights for the Chesapeake Bay Watershed*
Christina Lyerly, MD Department of the Environment.

2:00-3:30: If You Build It, They Won't Come...Unless You Communicate Effectively: Promoting Your Work and Communicating Your Messages –NH-11

In this four-part session, participants will gain an understanding of how to build a communications plan for their work and leave with a basic set of tools and tips that they can use to better engage their audience or community through web stories, visual storytelling, and traditional and social media. Each of the four speakers will offer some different insights on his or her own area of communications expertise.

Chair: Margaret Enloe, Chesapeake Bay Program and Alliance for the Chesapeake Bay

Panelists:

- Margaret Enloe, Chesapeake Bay Program and Alliance for the Chesapeake Bay
- Catherine Krikstan, Chesapeake Bay Program and Alliance for the Chesapeake Bay
- Will Parson, Chesapeake Bay Program and Alliance for the Chesapeake Bay
- Jenna Valente, Chesapeake Bay Program and Chesapeake Research Consortium

2:00-3:30: Building Coastal and Marine Fishery Resilience Through Habitat Conservation – MD-3

Chair: Terra Lederhouse, NOAA

The U.S. has made significant progress ending overfishing and improving the sustainability of marine fisheries. Yet some stocks have failed to respond to fishing mortality reductions and may be more vulnerable to degraded habitats and changing environmental conditions. Targeted habitat conservation may help improve the status of these stocks.

- *From Rebuilding to Resiliency: Strategies for Sustainable Mid-Atlantic Fisheries*
Christopher Moore, Mid-Atlantic Fishery Management Council (MAFMC)\
- *Achieving Sustainable and Resilient Interstate Fisheries Through Habitat Conservation*
Toni Kerns, Atlantic States Marine Fisheries Commission
- *Managing Chesapeake Bay's Land Use, Fish Habitat, and Fisheries*
James Uphoff, MD DNR

4:00-5:30: Large-Scale Oyster Restoration in Chesapeake Bay – The Whole Package: Setting Metrics, Planning, Implementation, Monitoring and Measuring Ecosystem Services – CH-DE

Partners are combining forces to restore 377 acres of oyster sanctuary in Harris Creek, MD. These groups collaboratively developed oyster success metrics and a data-driven plan detailing suitable reef sites, along with cost, seed, and substrate requirements. Half the acreage has been constructed and completion is expected in 2015. Monitoring and ecosystem services valuation is ongoing. The partners will discuss their roles in this unfolding story.

Chair: Stephanie Westby, NOAA

- Policy Context and Goal Setting – Eric Weissberger, MD DNR
- Science Underpinning the Plan: Benthic Habitat Characterization – Jay Lazar, NOAA
- Science Underpinning the Plan: Oyster Population Survey – Ward Slacum, Versar, Inc.
- Creating and Implementing the Oyster Restoration Plan for Harris Creek – Kim Gross, USACE

- Community Participation – Stephanie Westby, NOAA
- Monitoring to Measure Against Success Criteria – Ken Paynter, Oyster Recovery Partnership
- Quantifying Ecosystem Service Impacts of Oyster Restoration – Howard Townsend, NOAA

4:00-5:30: Hurricane Sandy Resiliency Projects at NWRs – CH-JK

This session focuses on Hurricane Sandy projects located at NWR from VA to New England. Projects fall into three categories: salt marsh platform enhancement, living shorelines, and assessment/monitoring. This session will introduce these efforts and will also include an opportunity for dynamic discussions about them. Please note that the first three presentations will be longer and the “ignite” portion presentations will be shorter.

Chair: Susan Adamowicz, USFWS

- *Designing Shoreline Protection Projects on Chesapeake Marshlands NWR Refuge Complex*
Matt Whitbeck, USFWS
- *Tidal Marsh Restoration Design at Prime Hook NWR in DE*
Susan Guiteras, USFWS
- *Salt Marsh Erosion and Application of Living Shoreline Strategies in Narrow River, RI*
Boze Hancock, TNC

5:30: Poster Session Happy Hour – Expo & Poster Hall

Presenters:

- Greg Barranco , *EPA- The Chesapeake Bay Watershed Agreement: An Integrated and Adaptive Ecosystem Approach to Protecting and Restoring a National Treasure*
Category: Policy and Planning
Poster #42
- Andrew Turner, *Versar, NOAA and Emilie Franke, CRC – Chesapeake Bay Program’s Sustainable Fisheries Goal Team: Facilitating Coordinated Regional Fisheries Management*
Category: Policy and Planning
Poster #35

Tuesday, November 4, 2014

8:30-10:00: Conservation, Restoration and Citizen Engagement Along the Nation’s River – The Potomac – NH-11

This session will highlight the Potomac, its special place in America and in conservation history, and the river's watershed as an example of the breadth and depth of conservation and restoration in the 21st century. A wide variety of efforts and initiatives from headwaters to estuary will be explored through an integrated presentation by four individuals and a discussion involving all.

Chair: Jonathan Doherty, NPS

- *The Potomac Over Time – History, Degradation, Early Conservation Milestones*
Jonathan Doherty, NPS
- *Upstream in the Potomac Watershed*
Hedrick Belin, Potomac Conservancy
- *The Urban Center of the Potomac*
James Foster, Anacostia Watershed Society
- *The Lower Potomac*
Kristin Saunders, MD DNR

10:30-12:00: Chesapeake Bay Sentinel Site Cooperative: Leveraging Resources to Improve Community Resilience – MD-3

The Chesapeake Bay Sentinel Site Cooperative (CBSSC) leverages existing data-collection infrastructure and a strong community of practice to help decision-makers improve resilience of coastal communities, habitats, and economies. Focused monitoring at specific sites throughout a geographic area, the CBSSC collects and communicates critical information for coastal management and habitat restoration.

Chair: Christine Gallagher, NOAA

- *Sentinel Site Cooperatives Leverage Metadata to Foster Collaboration and Inform Strategic Investments*
Philippe Hensel, NOAA
- *Understanding Wetland Vulnerability to Climate Change: An Analysis of Water Levels and Plant Species Composition in a Tidal Freshwater Marsh*
Patricia Delgado, Jug Bay Wetlands Sanctuary
- *Development of an Open Source Tidal Datums Calculator*
Christopher Paternostro, NOAA
- *Monitoring Wetland Elevation Capital Over Large Spatial Scales Using Real-Time GPS*
Galen Scott, NOAA
- *Does *Kosteletzkya pentacarpos* Facilitate Upland Transition to Salt Marsh?*
Linda Blum, University of VA

12:30-1:45: NOAA Habitat Blueprint Discussion: What Are Focus Areas Anyway? – Maryland 5-6

Learn more about the 10 NOAA Habitat Focus Areas that have been selected around the country since November 2012. Exchange ideas, explore opportunities for collaboration, and build partnerships. Representatives from NOAA leadership and many of the Focus Areas will be available to answer questions.

Wednesday, November 5, 2014\

1:30-3:00: Improving Data and Tools to Evaluate the Connection Between Coastal and Offshore Ecosystems so Support Coastal Resource Management – MD-4

A scientific basis is essential for managing, conserving, and restoring coastal habitats and the living resources and ecosystem services they provide. Understanding impacts to estuarine and coastal habitats to offshore fisheries is essential to improve the effectiveness of habitat conservation and protection.

Chair: Kirsten Larsen, NOAA

- *New Tools Needed by Managers to Link Nearshore Habitat Reduction to Offshore Fisheries Production*
Korie Schaeffer, NOAA
- *Estimating Fisheries Production of the Chesapeake Bay in the Ecosystem Context of a Variable Estuarine Habitat*
Thomas Ihde, NOAA through Versar, Inc.
- *Estimating Biomass and Ecosystem Modelling in Relation to Habitat Availability for North Atlantic Diadromous Forage Fish Species*
Jillian Hager Osborne, East Carolina University

3:30-5:00: Pilot Model for Brook Trout Habitat Prioritization in the Chesapeake Bay Watershed – NH-11

North Atlantic Landscape Conservation Cooperative (LCC) partners are piloting a model for brook trout habitat prioritization in the Chesapeake watershed. It will assess habitat for biological endpoints in a framework that can be applied at various scales to decisions on restoration/protection of stream habitat for this and other species in five states.

Chair: Jennifer Greiner, USFWS

- *Decision Support Tools for Conservation Design in the North Atlantic*
Scott Schwenk, North Atlantic LCC
- *Science Needs of the Eastern Brook Trout Joint Venture (EBTJV) and Application to State Resource Management Decisions*
Alan Heft, MD DNR
- *Downstream Strategies Methodology and Modeling Process: Brook Trout Case Study*
- *Applying Science to Local Decisions: Where to Focus Stream Habitat Restoration and Protection in MD*
Sandra Davis, USFWS

3:30-5:00: The Power of Partnerships – MD-5

Partnerships are a critical part of making long-term, lasting differences in coastal communities and ecosystems. This session showcases four efforts that have resulted in meaningful, on-the-ground changes as a result of their strong, dedicated partnerships.

Moderator: Keeley O'Connell, EarthCorps

- *Narragansett Bay From the Air: Save The Bay's Flights with LightHawk*
Marci Cole Ekberg, Save The Bay, and Jonathan Milne, Lighthawk.org

- *Restoring Barrier Island Sand Dunes, Coastal Prairie, and Tidally-Influenced Wetlands Along the TX Coast Through Educational Outreach Programs*
Karla Klay, Artist Boat
- *Restoration Alone Isn't the Answer: Protecting and Maintaining Healthy Watersheds Through Local Engagement*
Tuana Phillips, Chesapeake Research Consortium
- *Smith Creek Watershed Partnership - A National Showcase*
Libby Norris, Chesapeake Bay Foundation

Thursday, November 6, 2014

9:00-12:30: From Discovery to Data Vis: How to Communicate Science on the Web – NH-11

Do you have science that you want to share? This interactive half-day workshop offers science, restoration, and conservation professionals the knowledge and skills needed to communicate scientific information on the web. Participants will gain insight into the world of online communications, where knowing your audience is key, and where the right combination of words and images will help you beat the limits of a short attention span.

Following this course, you will: Know how to use the common techniques of “discovery research” to learn about your audience and identify their needs; Recognize the importance of conducting discovery research before a digital product is built and know how to sell the case for this process to a management team; Understand how the tone, audience, and content of blog posts, Tweets, and other forms of web writing differ from traditional print communication; Be able to use your understanding of web writing to transform scientific information into content that is appropriate for the online audience; Recognize the elements of effective data visualization; and Understand how data visualization can allow you to impact and engage more people in your work.

Presenters:

- Guy Stephens, *Chesapeake Bay Program and University of MD Center for Environmental Science*
- Catherine Krikstan, *Chesapeake Bay Program and Alliance for the Chesapeake Bay*
- Mike Land, *NPS, Chesapeake Bay Office*