

Climate Resiliency Workgroup Meeting – August 15, 2024



# Climate Adaptation Outcome Progress Debrief from July 2024 Management Board Meeting

*Chairs:*

*Jackie Specht, MDNR  
Mark Bennett, USGS*

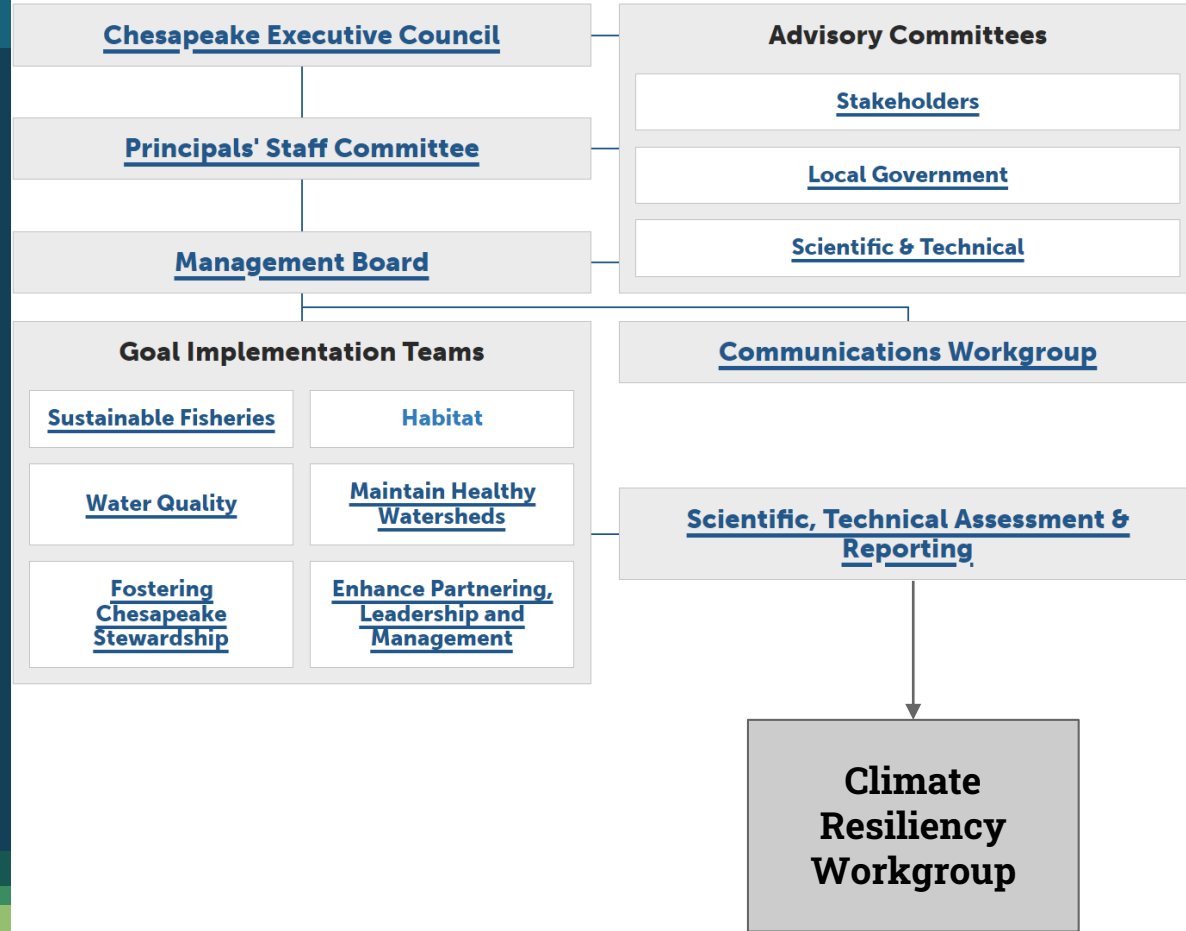
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*NOAA*

*Climate Staffer:*

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NOAA Affiliate/CRC*

# CBP Structure



*Through the Chesapeake Bay Watershed Agreement, the Chesapeake Bay Program has committed to...*

# Goal: *Climate Resiliency*

## **Climate Monitoring and Assessment**

Monitor and assess trends and likely impacts of changing climatic and sea level conditions on the Chesapeake Bay ecosystem, including effectiveness of restoration, protection policies, programs and projects.

## **Climate Adaptation**

Pursue, design and construct restoration and protection projects to enhance resiliency of the Chesapeake Bay and aquatic ecosystems from the impacts of coastal erosion, coastal flooding, more intense and more frequent storms and sea level rise.

## Climate Adaptation Outlook & Challenges



- **Lacks quantitative goals**
- **No mechanism for project tracking**
  - Climate resilience projects are happening with influx of competitive resilience funding through BIL/IRA
- **Unknown project success for enhancing Bay and ecosystem resilience**
  - Difficult to obtain research funding for Performance Metrics
  - Requires long-term monitoring and project maintenance

## Adaptation Portfolio



RECENT PROGRESS  
**INCREASE**

### Marsh Adaptation

Collaborative  
identification of marsh  
restoration and  
conservation  
opportunities

Consideration of sea level  
rise and social  
vulnerability

### Nature-Based Solutions (NBS)

Support partner  
proposals for BIL/IRA  
resilience funding

Support research that  
evaluates the  
performance of NBS  
under changing climate  
conditions

### Community Resilience

Support partner projects  
that identify best  
practices for community  
engaged adaptation

Integrate social  
vulnerability metrics into  
climate resilience  
initiatives

# Request: Management Board Feedback

## Climate adaptation progress structural and resource needs

- Alignment with Beyond 2025 – overarching conversations happening related to programmatic structure.
- Assess where CRWG can add most value – reduce redundancy if there is any.
- Current outcome does not address watershed and climate change policy given coastal focus.

# Request: Management Board Feedback

Potential CRWG development of quantitative climate outcomes

- A lot of great work in adaptation space – need SMART outcome language to measure success.
- No objections to CRWG pursuing new quantitative outcome language.