

2014 Chesapeake Watershed Agreement

Climate Resiliency Goal:

Increase the resiliency of the Chesapeake Bay watershed, including its living resources, habitats, public infrastructure and communities, to withstand adverse impacts from changing environmental and climate conditions.



Monitoring and Assessment Outcome:

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

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

Monitoring and Assessment Outcome

- Is climate change being accounted for in the other management strategies?
- Do we fully understand the impact of climate on each management strategy?
- What additional research is needed?
- How do we account for climate change in future management scenarios?
- Do we have the necessary monitoring in place to measure change that is occurring?

Adaptation Outcome

Two objectives:

1. pursue on-the-ground “Climate Smart” adaptation efforts to enhance the resiliency of the Bay watershed’s habitats, public infrastructure and human communities to adverse impacts of climate change.
2. to facilitate, demonstrate and implement climate-smart adaptation and restoration planning

Local Engagement

- *Local Governments.* Local governments can serve as partners with state and federal regulators and funders in identifying implementation opportunities and testing pilot studies
- *Watershed Associations.* Local stream and waterfront organizations can provide leadership through member-implemented projects
- *Non-Profits.* Non-profit conservation organizations can help apply downscaled climate impact information to specific sites to improve resiliency to sea level rise, storm impacts and other climate-related impacts.
- *Private Sector.* Through voluntary leadership in adapting corporate-owned lands to the impacts of climate change businesses can provide cost-effective, resilient models of addressing climate effects

Approaches Targeted to Local Participation

- *Increase Local Engagement*
- *Undertake Public and Stakeholder Engagement*
- *Foster a larger discussion on the linkage between climate impacts and diversity*
- *Increase regional collaboration*
- *Conduct Targeted Education and Outreach*

Feedback, Comments/Questions?

