

Adaptation & Resiliency Working Group Q2 2019 Meeting Agenda

Date/Time: Monday, May 20, 2019; 2-4 PM

Location: Maryland Department of Natural Resources
580 Taylor Avenue, Annapolis, MD 21401
Conference Room C-1

Chair: Secretary of Natural Resources, Jeannie Haddaway-Riccio

Coordinators: Catherine McCall and Kim Grubert

Meeting Objective: Meeting will feature updates on 2019 Work Plan items and a look back at progress since 2008. The first half of the agenda will set the stage for full work group discussions on options for standardizing the way we track progress and on the potential need for revisions to our current adaptation strategies.

I. Welcome, Introductions & Review of Agenda **2:00 - 2:10 pm**
Maryland Department of Natural Resources

Decision: Seek approval of February 25, 2019 meeting notes.

Materials: Agenda
[February 25, 2018 draft meeting notes](#)
2019 ARWG Work Plan
[Phase I & II Implementation Table -- 2018 Review of Progress](#)

II. Addressing Increased Precipitation at the Local Level **2:10 - 2:25 pm**
Megan Granato (DNR) and Jim George (MDE)

Background: The ARWG 2019 Work Plan states that MDE, DNR, and others will partner to assess the state of the science on projecting climate change impacts on precipitation, with a focus on design storms, which could help Maryland communities better assess their localized flood risks and plan to become more resilient to precipitation-induced flooding. Megan Granato and Jim George have begun collecting information on the state of the science and speaking with relevant partners engaged on this topic.

Discussion: Granato and George will present their research and seek feedback from the ARWG.

III. A Decade of Adaptation in Maryland - Tracking Progress, Renewing Focus **2:25 – 3:30 pm**

Review of Progress on Phase I & II Adaptation Strategies
Kim Grubert (DNR)

Background: The 2017 MCCC Annual Report included a recommendation that the ARWG review its Phase I and II Comprehensive Strategy for Reducing Maryland's Vulnerability to Climate Change to identify progress, highlight any gaps or needs, and revise as appropriate. In 2018 the ARWG undertook this review and captured measurable progress in a comprehensive table. Additionally, in the last few years, [MDP completed an analysis](#) of the integration of coastal resilience components in comprehensive plans and hazard mitigation plans, MDH launched the [Maryland Environmental Public Health Tracking](#) (EPHT) tool, and the Georgetown Climate Center completed a review of Maryland's adaptation progress and continually tracks our progress on their Maryland State Profile pages on the [Georgetown Climate Center's State Progress Tracking Tool](#). This presentation will set the stage for the remaining agenda items, including discussion of additional ways to track and communicate adaptation progress.

Options & Discussion for Metrics to Track Progress

2:35 - 3:00 pm

Bill Dennison & Dave Nemazie (UMCES)

Background: A decade out from Maryland's Phase I and II adaptation strategies there is an increasing need to demonstrate and quantify sustained progress. The MCCC 2018 Annual Report called on the ARWG to develop metrics for tracking adaptation progress, and while the [2018 Review of Progress table](#) was a start, more could be done to standardize metrics. The 2019 Work Plan states that DNR will convene a group to discuss possible metrics for tracking progress, which could include any of the metrics above, or others. This agenda item will provide the opportunity to discuss the development of meaningful indicators or measures of adaptation and resilience. Through UMCES' leadership in the MCCC Scientific and Technical Working Group and their [report card](#) work demonstrating trends on a wide variety of topics, Bill Dennison and Dave Nemazie will highlight some of these tools and the story-boarding process undertaken to develop these reporting metrics.

Discussion: ARWG members should come prepared to discuss metrics for adaptation, experiences with other metric approaches or other issue areas that might be potential candidates for demonstrating adaptation progress. Members will discuss how to organize the work group to discuss metrics and future action.

Action Item: ARWG members will be tasked to return to their respective organizations and assess potential issues that could demonstrate adaptation progress or other examples of national/international climate metrics that would be meaningful to the work they are advancing. ARWG members interested in serving on a committee to develop these metrics should contact DNR.

Resiliency Milestones - Past and Future Adaptation Progress

Department of Natural Resources

Background: Since the 2007 Executive Order was signed establishing the MCCC, Maryland has been a national leader in advancing climate adaptation. The ARWG developed Phase I and II adaptation strategies in 2008 and 2011 for advancing resilience across sectors. After a decade of strategy implementation and as we learn more about how risks are evolving and ways to build adaptation, steps are needed to evaluate progress and define future opportunities.

Discussion: ARWG members will participate in a discussion about past and future adaptation action, how to quantify progress and ways to identify needed next steps to advance Maryland's next decade of climate resiliency progress. Members should bring ideas about (1) issues and sectors that would be priorities for their organizations and (2) organizational approaches that they would prefer to discuss metrics and future milestones.

IV. Additional Work Plan Updates

3:30 - 3:50 pm

Background: This section of the agenda allows for brief updates each quarter on several work plan items and allows ARWG members to ask clarifying questions and provide feedback on work plan progress. Topics include:

- Phase III Watershed Implementation Plan, *Matt Rowe (MDE)*
- Coast Smart Legislation Amendments, *Emily Vanieri (OAG)*
- Nuisance Flood Plans, *Catherine McCall (DNR)*
- Saltwater Intrusion Plan, *Jason Dubow (MDP)*
- Climate Leadership Academy, *Matt Fleming (DNR)*

Discussion: Speakers will provide a 5-minute update on each topic. ARWG members are encouraged to come prepared with questions for clarification or discussion.

V. Meeting Recap & Next Steps

3:50 - 4:00 pm

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Call for Additional Updates

Membership Assignments: Metrics Tracking and/or Resilience Milestones

Upcoming Dates:

- Next MCCC meeting: Tuesday, May 21, 2019 10 am - 12 pm at MDE
- 2019 ARWG meetings at DNR:
 - Summer TBD - Membership Metrics or Milestones Meetings
 - August 5
 - November 18

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