

## Science and Technology Working Group

### Notes for October 21, 2022 STWG Meeting

#### Attendees

Members: Peter Goodwin (Chair), Russ Dickerson, Belay Demoz, Donald Boesch, Eric Davidson, Scott Knoche, Amir Sapkota, Paulinus Chigbu, Adel Shirmohammadi, Jane Kirschling, Jonah Erlebacher

Agencies: Kim Pezza and Cindy Osorto, MDE

Others: Lynn Faulkner

UMCES Staff: Dave Nemazie, Kayle Krieg

#### Objectives

- Finalize STWG section of the 2022 MCCC Annual Report

#### Introduction

The Scientific and Technical Work Group (STWG) is responsible for updating and informing the MCCC on the science of climate change. In 2022, the STWG focused on multiple climate change topics in the USA and the State of Maryland. The 2022 STWG meetings and discussions were partially affected by the COVID-19. Topics discussed in this meeting included preparation of the science section and Working Group recommendations of the MCCC annual report.

#### STWG Outcomes

Welcome, Introductions and roll call (Peter Goodwin, STWG Chair)

The September 2022 meeting summary did not need approval, no objections were noted.

Discussion of STWG input to 2022 MCCC Annual Report

Recommendations from the STWG for the MCCC Annual report were discussed. The draft recommendations were finalized for the final version to be sent to CJ and then MDE.

The discussion of the STWG input was focused on several areas.

- Summary of IPCC findings- There are many IPCC recommendations, although we need to choose a few, it is important to stay faithful to what they say.
- Climate accelerator Recommendation: Adding to the title “climate change mitigation” to be precise. Also, adding examples of existing state programs and how they can be leveraged. Also clarifying the \$30m/year was determined by comparing to the CA innovation climate fund, recently funded at \$170m/year and using a population factor of CA/MD the suggestion was determined to be ~\$30m.
- Human health impacts: Additional recommendations to compensate for loss of CDC funding for Climate and Health program within MD public health preparedness to climate change. Also the MD Climate and Health Profile Report should be updated to most recent scientific evidence

Additional discussion included the upcoming Maryland Mesonet Project to build a system of atmospheric weather-observing towers. It is necessary to work on a suggestion to make sure the project gives appropriate utility to air quality and environmental justice concerns.

**Next Steps:**

- Draft recommendations will be sent to climate justice team and MDE for review.
- Final copy of STWG report to MCCC finalized early next week.