

Agricultural Modeling Team (AMT) Meeting

March 10th, 2023

09:00 AM – 11:00 AM

[Meeting Materials](#)

Zoom Link: <https://umces-edu.zoom.us/j/83326580784>

Meeting ID: 833 2658 0784

Passcode: 573041

Phone: +1 301 715 8592 US (Washington DC)

This meeting will be recorded for internal use to assure the accuracy of meeting notes.

Statement of purpose:

To present the prioritization of topics and intended timeline for the AMT to address over the duration of their charge. In addition, to evaluate the current crop nutrient application methodology in CAST and discuss potential alternatives to investigate for Phase 7.

Decision item: Approve the [February minutes](#)

Announcements:

- Fertilizer Expert Group meeting was this past Monday, 3/6/2023
 - Sort through meeting minutes and proceed with short term fertilizer solutions

Introduction – 09:00-09:10 [10 min (Tom Butler, EPA)]

Recap of previous CAST discussions.

Workplan: Topic prioritization poll results 09:10-09:20 [10min (5 min presentation 5 min discussion) (Tom Butler, EPA)]

Results of the reprioritization poll were collected and a formal group workplan was created. This workplan outlines the topics which the group will examine as well as the intended timeline in which to investigate these. This is a living document with the ability to revisit and alter topics as the group deems necessary.

Crop Nutrient Application Agriculture Land Use Categories 09:20-10:55 [95min (20 min presentation 75 min discussion) (Tom Butler, EPA)]

We will introduce our first decisional item, the reevaluation of Crop Nutrient Application. Today's item will consist of a brief informational presentation regarding the current crop nutrient application methodology used by CAST. The group will follow this up with a discussion about whether to change how this application occurs.

Closing –10:55-11:00 (5 minutes)

Action Items:

- Reveal AMT workplan.
- Discuss Crop Nutrient Applications.

Adjourn – 11:00

Up Next: Friday, April 14th, 2023 from 09:00 - 11:00am.

****Common Acronyms**

AgWG- [Agriculture Workgroup](#)

AMT- [Agricultural Modeling Team](#) (Phase 7)

BMP- Best Management Practice

CAST- [Chesapeake Assessment Scenario Tool](#) (user interface for the CBP Watershed Model)

CBP- [Chesapeake Bay Program](#)

CBPO- Chesapeake Bay Program Office (houses EPA, federal partners, and various contractors and grantees working towards CBP goals)

CBW-Chesapeake Bay Watershed

CRC- [Chesapeake Research Consortium](#)

EPA- [United States] Environmental Protection Agency

PSC – [Principals' Advisory Committee](#) (CBP)

STAC- [Scientific & Technical Advisory Committee](#)

TMDL- Total Maximum Daily Load

WQGIT- [Water Quality Goal Implementation Team](#)