

Agricultural Modeling Team (AMT) Meeting

February 10th, 2023
09:00 AM – 10:15 PM

[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:

This virtual meeting will improve the understanding of the AMT on CAST inputs and loads. This will be our last formally dedicated learning session. After this we will move into decision making

Decision item: Approve the January minutes

Announcements:

- At the direction of the MB a Fertilizer Expert Group has been formally created. They will be meeting March 6th 01:00-03:00. We encourage participation from AMT Members.

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

We will recap our discussions on nutrient application in CAST.

Nutrient applications: Animal Populations – 09:10-10:10 [60 min (30 min presentation 30 min discussion) (Tom Butler, EPA)]

CAST utilizes manure nutrients from multiple types of livestock, we will examine the effects of increasing the number of Animal Units from different livestock groups to CAST. This will help us examine the algorithm which CAST uses to process manure nutrients.

Closing –10:10-10:15 (5 minutes)

Action Items:

- Voting members will redo our prioritization with the following [survey](#).
- First decisional topic preparation (Based on poll results)

Adjourn –10:15

Up Next: March 10th, 2023 – 09:00-11:00; Further CAST learning, reprioritization.

****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](#)