

Agricultural Modeling Team (AMT) Meeting

August 11th, 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 evaluate the crop yield and land uses in CAST and discuss potential alternatives for Phase 7.

Decision items:

1. Approve the [July minutes](#)
2. Determine possible statistical application scenarios for Crop Yield.

Announcements:

- [Fertilizer Expert Group](#) Phase 7 recommendations are working through the partnership:
 - Conduct in depth searches for different sales and application data sets.
 - Evaluate differences in data processing.

Introduction: 09:00-09:05 [5 min (Zach Easton, Virginia Tech)]

Approval of July minutes and take attendance.

Scenario Discussions: Crop Yield trends 09:05-10:55 [110 min (20 min presentation 90 min discussion) (Tom Butler, EPA; Zach Easton, Virginia Tech)]

We will provide additional information on the current yield data utilized in CAST. Discussions will continue regarding potential methods to improve yield trends, including new data sources and spatial interpolations.

Closing –10:55-11:00 (5 minutes)

Action Items:

- Discuss the inputs needed to accurately account for Crop Yields

Adjourn – 11:00

Up Next: Friday, September 8th, 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](#)