Chesapeake Hypoxia Analysis and Modeling Program (CHAMP)
October 30, 2019
CBPO Conference Room – The Fish Shack
410 Severn Ave, Annapolis, MD

0815 Load talks and pay for lunches (*All*)
0830 CHAMP and the role of MTAG (*M. Friedrichs*)
0835 Modeling climate change for the Chesapeake Bay TMDL: how has CHAMP helped for 2020, and how can CHAMP help for 2025 (*G. Shenk and L. Linker*)

All talks should be 15-20 minutes, allowing 10-15 minutes for discussion

0915 Climate projections update (*M. Herrmann*)
0945 Impact of MACA vs. BCSD climate projections on nutrient loading from the CBP-P6 Watershed Model (*G. Bhatt, G. Shenk,*)

1015 *Break*

10:30 Impact of MACA climate projections on DLEM nitrogen loading to the Bay (*Y. Yao*)
11:00 Application of SPARROW Modeling to Estimating Effects of Climate Change on Nitrogen Flux to Chesapeake Bay, 1995 - 2025 (*S. Ator*)
11:30 Impacts of sea level rise on hypoxia in the Chesapeake Bay: A model intercomparison (*P. St. Laurent*)
12:00 Estuarine hypoxia comparisons 1985-2015: DLEM forcing vs. CBP-Phase6 forcing (*P. St. Laurent*)

Lunch (order in)

1300 Short-term forecasts and 2019 hypoxia report card results (*A. Bever*)
1330 Seasonal forecasts (*I. Bertani*)
1400 How will the impact of climate change on riverine nutrient loading impact Chesapeake Bay hypoxia? (*K. Hinson*)
1430 Impact of climate change on hypoxia in the Chesapeake Bay: results from the CBP WQSTM (*R. Tian, L. Linker*)
1500 Increased Dermo Disease in Chesapeake Bay Oysters Caused by Continued Warming and Nutrient Loading (*E. Hofmann*)

1530 *Break*

1545 Feedback from decision-makers (*MTAG*)
1615 Future simulation plans
- Sharing of land-use scenarios
- CHAMP time-line
- CHAMP meetings/calls

1700 Adjourn