

# 2017 STAC Workshop

## Aligning Monitoring with Climate Change For Oysters

### *Background Material*

#### **Section I: Oysters**

Mann, Roger. [Presentation: Climate Change and Oysters in the Chesapeake Bay](#). In Johnson, Z., M. Bennett, L. Linker, S. Julius, R. Najjar, M. Mitchell, D. Montali, R. Dixon. 2016. [Development of Climate Projections for Use in Chesapeake Bay Program Assessments](#). Chesapeake Bay Program Partnership, Annapolis, MD.

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#### **Section IV: General Biota**

Townsend, Howard. [Climate Change and Ecological Forecasting in the Chesapeake Bay](#). In Johnson, Z., M. Bennett, L. Linker, S. Julius, R. Najjar, M. Mitchell, D. Montali, R. Dixon. 2016. [Development of Climate Projections for Use in Chesapeake Bay Program Assessments](#). Chesapeake Bay Program Partnership, Annapolis, MD.

Hare JA, Morrison WE, Nelson MW, Stachura MM, Teeters EJ, et al. 2016. A Vulnerability Assessment of Fish and Invertebrates to Climate Change on the Northeast U.S. Continental Shelf. PLoS ONE 11(2): e0146756. doi: 10.1371/journal.pone.0146756.

Vaquer-Sunyer, R., Duarte, C.M. 2011. Temperature effects on oxygen thresholds for hypoxia in marine benthic organisms. *Global Change Biology* 17, 1788-1797.

Johnson Z.P. et. al., "Bay and Aquatic Ecosystems." Comprehensive Strategy for Reducing Maryland's Vulnerability to Climate Change, Phase II: Building Societal, Economic, and Ecological Resilience. A report to the Maryland Commission on Climate Change from the Adaptation and Response Working Group. 2010. Boicourt KE and Johnson ZP (eds). University of Maryland Center for Environmental Science, Cambridge, Maryland and Maryland Department of Natural Resources, Annapolis, Maryland.

Najjar, R.G., Pyke, C.R., Adams, M.B., Breitburg, D., Hershner, C., Kemp, M., Howarth, R., Mulholland, M.R., Paolisso, M., Secor, D. and Sellner, K., D. Wardrop, R. Wood. 2010. Potential climate-change impacts on the Chesapeake Bay. *Estuarine, Coastal and Shelf Science*, 86(1), pp.1-20.

Pyke, C.R., Najjar, R.G., Adams, M.B., Breitburg, D., Kemp, M., Hershner, C., Howarth, R., Mulholland, M., Paolisso, M., Secor, D., Sellner, K., D. Wardrop, R. Wood. 2008. *Climate Change and the Chesapeake Bay: State-of-the-Science Review and Recommendations*. A Report from the Chesapeake Bay Program Science and Technical Advisory Committee (STAC). Annapolis, MD, 59.

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