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Mr. Keppler is currently the Watershed Implementation Program Manager for the Maryland Department of Agriculture. He has over 20 years experience in agricultural conservation program delivery and currently oversees the implementation of the agricultural sector's responsibilities under the Chesapeake Bay TMDL. In addition, he manages the planning, coordination, budgeting and implementation of research activities associated with the evaluation of new innovative technologies related to environmental improvements on agricultural land. He also provides oversight and direction to both the Maryland Agricultural Certainty and Ecosystem Markets Programs. He is currently the Vice Chair of the Chesapeake Bay Program Water Quality Goal Implementation Team.

Prior to his current position, Mr. Keppler was responsible for the development of Maryland's Conservation Tracker System and worked closely with Maryland's BayStat Program and USEPA to ensure accurate and timely reporting of conservation information. He also reviewed conservation grants administered through the Maryland Agricultural Water Quality Cost-Share (MACS) Program and was a Non-Point Source Environmental Technician for the West Virginia Conservation Agency.

Mr. Keppler is a certified Nutrient Management Consultant and Professional Fertilizer Applicator in Maryland. He is also a graduate of LEAD MD Class IX and is a Past President of the Old Line Chapter of the Soil and Water Conservation Society. He also served as the Chair of the Chesapeake Bay Program Agricultural Workgroup between 2018-2020.

#### Education

MS Environmental Management, University of Maryland University College, 2009  
BS Agriculture, West Virginia University, 1997

#### Publications & Select Presentations

Keppler, J. July 25, 2016. Nutrient Trading in Maryland. 71st SWCS International Annual Conference. Louisville, KY.

Keppler, J. September 24, 2014. Innovative Agricultural Practices to Mitigate Groundwater Nutrient Contamination. Maryland's 23rd Annual Groundwater Symposium.

Keppler, J., A. Swanson, B. McGee, R. Batiuk, K. Burgess, A. Butt, K. Staver, L. Curry, and M. Paolisso. May 21-22, 2012. TMDLs, politics, litigation, and conflicting stakeholder interests. Chesapeake Modeling Symposium.

Hively, W.D., G.W. McCarty, and J. Keppler. 2009. Federal-state partnership yields success in remote sensing analysis of conservation practice effectiveness: Results from the Choptank River Conservation Effects Assessment Project. Journal of Soil and Water Conservation 64(5):154A.

Hively, W.D., M.Lang, G.W. McCarty, J. Keppler, A. Sadeghi, and L. McConnell. 2009. Using satellite remote sensing to estimate winter cover crop nutrient uptake efficiency. Journal of Soil and Water Conservation 64(5):303-313.

McCarty, G.W., L.L. McConnell, C.J. Hapeman, A. Sadeghi, C. Graff, W.D. Hively, M.W. Lang, T.R. Fisher, T. Jordan, C.P. Rice, E.E. Codling, D. Whitall, A. Lynn, J. Keppler, and M.L. Fogel. 2008. Water quality and conservation practice effects in the Choptank River watershed. Journal of Soil and Water Conservation 63(6):461-474