

Ben Murphy @US EPA since 2015

Physical Scientist

Office of Research and Development (ORD)

Center for Environmental Measurement and Modeling (CEMM)

Atmospheric & Environmental Systems Modeling Division (AESMD)

Education/Training:

B.E. Chemical Engineering; B.S. Mathematics, Vanderbilt University, 2007

Ph.D. Chemical Engineering, Carnegie Mellon University, 2012

I use extensive and specialized experience in atmospheric chemistry and physics along with complementary computer programming experience to contribute to the evolution of more accurate, powerful, and adaptable numerical models of the atmosphere for the benefit of public health and environmental pollution management. My specific research topics of interest are atmospheric sources, fate, and transport of organic aerosol (OA) and per- and polyfluoroalkyl substances (PFAS). Additionally, I lead focused efforts to improve the transparency and assure the quality of data products created by EPA's Community Multiscale Air Quality (CMAQ) model.