



AMY R. SHAW, Ph.D., P.E.

EDUCATION:

B.S., Civil Engineering, Vanderbilt University, 2010
M.S. Environmental Engineering, Vanderbilt University, 2012
Ph.D., Environmental Engineering, Vanderbilt University, 2018

PROFESSIONAL LICENSES:

Professional Engineer, Tennessee

CURRENT PROFESSIONAL INVOLVEMENT: 2018 - present, **AquAeTer**, Engineer

Ms. Shaw's expertise includes water quality modeling, surface and groundwater hydrology, multipurpose controlled waterway system operations, and hydropower operations. She has recently conducted a water quality investigation for a diffuser pipeline on Lake Erie and performed QA/QC in the AquAeTer laboratory.

PRIOR PROFESSIONAL INVOLVEMENT:

2011-2018 Vanderbilt University, Graduate Research Assistant
2017 National Academy of Engineering, Mirzayan Science & Technology Policy Fellow
2008-2010 Camp, Dresser and McKee, Nashville, TN, Environmental Engineering Intern

AREAS OF EXPERTISE:

Hydrodynamic Modeling
Surface Water Quality Modeling
Surface & Groundwater Hydrology
Transport Processes in Environmental Systems
Geographic Information Systems
Optimization Applications
Decision Support Systems