

Michael J. Cyterski, Research Ecologist, in EPA's National Exposure Research Laboratory

Computational Exposure Division

[Mailing Address](#)

cyterski.mike@epa.gov

Area of Expertise: My primary research focus is developing empirical models to predict concentrations of fecal indicator bacteria (FIB) at recreational beaches. Using multiple linear regression modeling, I attempt to forecast FIB levels using meteorological, water quality, and hydrodynamic environmental conditions at a beach site. I also use multivariate statistical methods, such as clustering and discriminant analysis, to examine regional fish assemblage patterns, most recently in the Albermarle-Pamlico watershed.

Select Publications:

BARBER, M. C., B. RASHLEIGH, AND M. J. CYTERSKI. Forecasting fish biomasses, densities, productions, and bioaccumulation potentials of Mid-Atlantic wadeable streams. Integrated Environmental Assessment and Management. Allen Press, Inc., Lawrence, KS, 12(1):146-159, (2016).

Zepp, R., G. Whelan, M. Molina, Mike Cyterski, K. Wong, B. Acrey, AND A. Commodore. Impacts of Tributaries on Optical Properties and Singlet Oxygen Concentrations in the Great Lakes. 251st American Chemical Society National Meeting & Exposition, San Diego, CA, March 13 - 17, 2016.

Wanjugi, P., M. Sivaganesan, C. Kelty, A. Korajkic, E. Rhodes, B. McMinn, Mike Cyterski, K. Oshima, E. Stachler, A. Topper, L. Bertaux-Skeirik, J. Kinzelkman, M. Citriglia, F. Hsu, AND O. Shanks. Incidence of Somatic and F+ Coliphage at Three Great Lake Beaches. Water Microbiology Conference 2016, UNC Water Institute, Chapel Hill, NC, May 17 - 19, 2016.

View more research publications by [Michael Cyterski](#).

Education:

- Ph.D. Fisheries, 1999, Virginia Polytechnic Institute and State University, 1999
- M.S. Statistics, Virginia Polytechnic Institute and State University, 1998
- M.S. Fisheries, University of Minnesota, 1995
- B.A. Biology, Harvard University, 1992

Professional Experience:

- Research Ecologist/Statistician, USEPA, ORD, NERL-ERD, Athens, GA 1999–present