

Asja Korajkic, Microbiologist, in EPA's National Exposure Research Laboratory

Exposure Methods and Measurements Division

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Area of Expertise: Identification of pollution sources in impacted watersheds; fate and transport of bacterial and viral indicator organisms and pathogens in the environment; development/optimization of methods for concentration/detection of viruses.

Select Publications:

McMinn, B.R., Korajkic, A, Grimm, A. (2016) Optimization and evaluation of a method to detect adenovirus in river water. *Journal of Virological Methods*. *In press*.

Zimmerman, BD, Korajkic, A, Brinkman, NE, Grimm, AC, Ashbolt, NJ, Garland, JL. 2016. A defined spike cocktail for pathogen performance monitoring to characterize microbial risks with water reuse. *Water Environment Research*. *In press*.

McMinn, B.R., Korajkic, A. (2015) A small volume procedure for viral concentrations from water, *Journal of Visualized Experiments*, (96), e51744

Korajkic, A., Wegener Parfrey, L., McMinn, B.R., Vazquez Baeza, Y., VanTeuren, W., Knight, R., Shanks, O.C. (2015) Changes in bacterial and eukaryotic communities during sewage decomposition in Mississippi river water. *Water Research*, 1 (69), 30-39

Fout, G.S., N.B. Brinkman, J.L. Cashdollar, S.M. Griffin, A. Korajkic, B.R. McMinn, E.A. Varughese, M.W. Ware, E.R. Rhodes, A.C. Grimm, and C. Li. 2015. Comparison of EPA Method 1615 RT-qPCR assays in standard and kit format. EPA/600/R-15/130.

Korajkic, A., B. R. McMinn, O. C. Shanks, M. Sivaganesan, G. S. Fout, N. J. Ashbolt. (2014) Biotic Interactions and Sunlight Affect Persistence of Fecal Indicator Bacteria and Microbial Source Tracking Genetic Markers in the Upper Mississippi River. *Applied and Environmental Microbiology* 80 (13), 3952-3961

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Education:

- Ph.D. Environmental and Ecological Microbiology, University of South Florida, 2010
- B.S. Microbiology, University of South Florida, 2004

Professional Experience:

- Microbiologist, USEPA, ORD, NERL-EMMD, Cincinnati, OH 2015-present
- Post-Doctoral Researcher, USEPA, ORD, NERL-MCEARD, Cincinnati, OH 2011-2015

- Instructor, University of South Florida, Tampa, FL 2010-2011
- Research/Teaching Assistant, University of South Florida, Tampa, FL 2005-2010