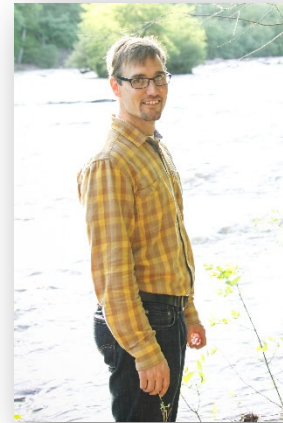


## **S. Kyle McKay, Ph.D., P.E.**

Research Civil Engineer  
Environmental Laboratory,  
Engineer Research and Development Center  
New York, NY

### **Bio:**

Dr. Kyle McKay is a research civil engineer with the U.S. Army Engineer Research and Development Center (ERDC) Environmental Laboratory (EL). He received a B.S. in Environmental Engineering from Colorado State University, an M.S. in Civil Engineering from University of Illinois Urbana-Champaign, and a Ph.D. at the University of Georgia's Odum School of Ecology. His research focuses broadly on examining ecological effects of water resources infrastructure with applications related to stream and watershed restoration, fish passage improvement, environmental flow management, and flood risk management. He is stationed in the USACE New York District to facilitate cooperative research between the ERDC, the District, and other local partners.



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## **Susan Bailey**

Research Civil Engineer  
Environmental Laboratory,  
Engineer Research and Development Center  
Vicksburg, MS

### **Bio:**

Ms. Susan Bailey is a research civil engineer at the U.S. Army Engineer Research and Development Center (ERDC), Environmental Laboratory in Vicksburg, Mississippi. She received her BS in Civil Engineering from the North Carolina State University, and a MS in Civil and Environmental Engineering from Louisiana State University. She also holds a professional engineering license for Civil Engineering in the State of Mississippi. She has over 15 years' experience working with applied engineering and research related to sediments and dredged material management. Her main focus, has been on contaminant and sediment transport and modeling to evaluate risk related to dredged material placement and management of contaminated sediments. She is also performing lab and field studies to examine the ability to model consolidation of dredged material placed for marsh restoration. More recently she has been applying her background in sediment transport to issues associated with dam removal.

