Title: The search for truth in numbers: Quantitative approaches for evaluating trends in water quality data

Marcus Beck is a post-doctorate research fellow with the USEPA Gulf Ecology Division in Gulf Breeze, FL. He recently graduated from the Conservation Biology Program at the University of Minnesota with a MSc and PhD in Conservation Biology, including a minor in Statistics. His doctoral research was focused on the analysis of biological datasets to develop indices of ecosystem health for Minnesota’s 10000 lakes. His current work with the EPA has involved analysis of time series data from monitoring programs in estuaries and the development of analytical tools to support this effort.