

## Biography

Elizabeth O. Murray, M.S.

Elizabeth has worked as a wetland scientist for 21 years, specializing in wetland assessment, ecological restoration, and the hydrogeomorphic (HGM) approach to wetland classification and functional assessment. Before coming to ERDC she worked for 8 years as the Coordinator of the Arkansas Multi-Agency Wetland Planning Team, where she obtained EPA grant money to conduct research with ERDC scientists on HGM projects in Arkansas, ecological restorations, geomorphic studies to support wetland classification mapping, and GIS mapping of potential restoration sites. The results of this last project were recently published in the journal *Wetlands*. She has co-authored eight HGM guidebooks covering over 30 wetland subclasses, and has developed FCI calculator spreadsheets, trajectory spreadsheets and scientific illustrations for many others. While in Arkansas, she worked with an interdisciplinary team to develop tools for wetland management ranging from GIS-based prioritization maps for wetland restoration to decision support tools for accepting out-of-kind mitigation.

Elizabeth's education includes her Bachelor's degree in Biology from the University of California, San Diego, and her M.S. in Environmental Science from the School of Public and Environmental Affairs, Indiana University. Her Masters' work was focused on conservation modeling, incorporating biological and economic considerations to determine sustainable levels of activity in ecotourism and similar ecosystem-dependent endeavors. Always interested in interdisciplinary pursuits she was drawn to the ecosystem goods and services project due to its focus on ecology and economics.