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Sarah is an ERDC EL Principle Investigator with over 17 years combined professional experience in stream and watershed management and research, beginning with nearly 12 years as a Research Scientist for the City of New York Department of Environmental Protection (NYCDEP). Starting as lead Research Scientist and Staff Fluvial Geomorphologist for NYCDEP, Sarah served project and staff supervisory roles in design, development and implementation of the Fluvial Processes Research Program for the Catskill Mountains, NY. She led development and implementation Quality Assurance Project Plans for data collection, analysis and application protocols resulting in a complete set of Catskill-regional bankfull discharge and hydraulic geometry relationships, which she transferred to the USGS through staff training, workshops and QC field site duplicates to assist them in developing the first regional curves for the entire State of New York. She also identified, surveyed, analyzed and compiled a design-level reference morphological database for stable Catskill streams, and developed, provided technical assistance for and conducted public and professional training related to fluvial processes, stream and riparian assessment and restoration ecology. Sarah has continued for five years as a Research Ecologist and Fluvial Geomorphologist for the U.S. Army Engineer Research and Development Center (ERDC) Environmental Laboratory. Her work with the ERDC EL has included technical lead for watershed assessment studies, applied research including appropriate use of reference conditions in ecosystem restoration, identifying stability thresholds and performance standards for flexible lining materials in stream and slope restoration applications, and targeted field and laboratory research and technical assistance for development of shoreline stabilization and stormwater best management practices on US Army Installations in MD, VA and PA. Sarah recently organized the WOTS webinar training series on Monitoring and Adaptive Management for Ecosystem Restoration, seeking to draw from the professional experience of her esteemed colleagues within the ERDC-EL to adapt important lessons learned from research and expertise in aquatic ecosystem restoration, to reach out to additional USACE business lines, sister ERDC Laboratories, Corps District partners and other Agencies and Organizations.