

Katherine Baltzer

Affiliated Research Faculty
Marine Sciences

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Bio

- Coastal Conservation Specialist, The Nature Conservancy (Mobile, AL)
- Biologist, Food & Drug Administration (Dauphin Island, AL)
- Lab Manager, Ecotoxicology, Dauphin Island Sea Lab (Dauphin Island, AL)
- Research Assistant, University of the Virgin Islands (U.S. VI)
- MS, 2015, Marine and Environmental Sciences, University of the Virgin Islands

Emphasis: coastal restoration, coastal ecology, stormwater management, regional conservation efforts, community and ecological resilience

Research Interests

I have worked on a variety of coastal and marine subjects including coastal restoration, harmful algal bloom dynamics, ecological impacts of oil spills, coral reef ecology, and marine toxins for the last 12 years in non-profit, academic, and government positions. At The Nature Conservancy, I manage multiple restoration projects focused on using nature-based solutions to improve stormwater management, watershed planning and management, shoreline protection, and ecological restoration. Through our collaborative projects, I have developed a strong network across multiple institutions and organizations by focusing on strong partnerships. My current projects amount to nearly \$20M across coastal Alabama.

Selected Current Research Grants

- National Oceanic and Atmospheric Administration, Infrastructure Investment and Jobs Act - Implementing Nature-Based Solutions for Habitat, Community, and Coastal Resilience in Mississippi Sound, AL
- National Oceanic and Atmospheric Administration, Infrastructure Investment and Jobs Act - Perdido Watershed Habitat and Community Resilience Initiative: Incorporating Nature Based and Hybrid Solutions Across Alabama and Florida
- US Environmental Protection Agency, Gulf of Mexico Program – Building the Northern Gulf’s Transportation Hub Resilience
- US Environmental Protection Agency, Gulf of Mexico Program – Mapping Bayou la Batre Stormwater for Community Resilience

