

BRITTANY JENSEN, MS

Data Manager

Brittany Jensen, Data Manager, brings years of experience in database administration, data management, and program analysis to The Water Institute. Her responsibilities include developing governance documents and strategies for a structured approach to data management; coordinating with project managers and principal investigators to determine data needs for all current projects; coordinating with other data teams and data stewards to determine data needs, software uses, and workflows; and assisting with the development and roll out of the metadata tool that will catalog all of the data used across projects internally and externally with Institute partners.

Prior to joining The Water Institute, Brittany worked to support the Louisiana Trustee Implementation Group to develop and implement restoration plans and projects throughout the Louisiana coast to restore natural resources impacted by the Deepwater Horizon Oil Spill.

Prior to her work at NOAA, Brittany led the analysis and management of project-level data measuring restoration impact on coastal and marine habitats with related database responsibilities for the Restoration Center within NOAA. She worked to enhance annual metrics and developed new methods to capture the effectiveness and present data used for external communications to governmental offices and other partners/agencies. Brittany also supported the development and implementation of inaugural strategic business plans and various planning tools to ensure we meet programmatic goals and priorities.

Brittany received a bachelor's in biology with an emphasis in marine and freshwater biology from The University of Texas at Austin and her master's in marine biology and ecology from the University of Miami, Rosenstiel School of Marine and Atmospheric Science.

PROFESSIONAL EXPERIENCE

2022–Present: Data Manager, The Water Institute

2020–2022: Biologist, Under Contract to NOAA Fisheries Restoration Center

2017–2020: Science Program Analyst, Under Contract to NOAA Fisheries Restoration Center

2016–2017: Science Knowledge and Management Intern, Oceana

2015–2016: Graduate Student Research Assistant, University of Miami: Rosenstiel School of Marine and Atmospheric Science

2015: Internship, The Nature Conservancy

ORGANIZATION ROLE

Data Manager

PROJECT ROLE / FOCUS AREAS

Strategic planning tool development

Database administration

Data QA/QC

Project management

EDUCATION

MS, Marine Biology and Ecology, University of Miami, Rosenstiel School of Marine and Atmospheric Science, 2016

BS, Biology with emphasis in Marine and Freshwater Biology, The University of Texas at Austin, 2013

2013–2014: Diver, Texas State Aquarium

2011–2013: Undergraduate Research Assistant, The University of Texas at Austin

2011–2013: Equipment Manager, 2012 National Championship Volleyball Team

SELECTED PUBLICATIONS

1. Xaymara M. Serrano, Andrew C. Baker, Margaret W. Miller, Brittany A. Jensen, Justine Z. Gapayao, Cristina Pasparakis, Martin Grosell, and James C. Hendee. Effects of nutrient enrichment and thermal stress in the larval oxygen consumption, settlement and survival of two Caribbean reef corals.
2. Jensen B, Mendenhall K (2013) Coral competition in the Great Barrier Reef: The competitive nature of coral families, morphologies and sizes in reef flat areas around Lizard Island, Australia. Texas Undergraduate Research Journal 12(1): 55-67.