

BROOKE MEHNEY

Planning Associate

Brooke Mehney, Planning Associate, brings her architecture and design background to The Water Institute team to help implement and visualize resilience planning and community engagement.

During her time as a graduate research fellow in architecture at Tulane University, Brooke became engaged in resiliency planning and design as research in the Gulf Coast. Prior to Tulane, Brooke attended Ferris State University, where she completed a degree in Architecture & Sustainability and worked as an Architectural Intern at DriscoN Consulting LLC. There, Brooke applied her technical knowledge to detail design-build projects.

Brooke is interested in engaging the built environment at a broader scale, and she now applies her architectural technical experience to approach applied planning with a multidisciplinary method. Brooke's interests include community engagement, resilience planning, spatial research visualization, graphic representation and alternative land ownership models.

ORGANIZATION ROLE

Planning Associate & Future Coastal Leader Fellow

PROJECT ROLE / FOCUS AREAS

Planning and policy research

Graphic Design\ Visualization

ArcGIS

Stakeholder Engagement

EDUCATION

M.ARCH, Architecture, Tulane University, 2024

BS, Architecture & Sustainability, 2022

AAS, Architectural Technology, 2020

PROFESSIONAL EXPERIENCE

2024–Present: Planning Associate, The Water Institute

2024–2025: Future Coastal Leader Fellow, The Water Institute

2024: Planning and Policy Intern, The Water Institute

2024: Graduate Research Fellow, Tulane School of Architecture and the Build Environment

2021–2023: Visualization Consultant, Kate Deupree Studio

2023: Teaching Assistant, Tulane School of Architecture and the Build Environment

2022: Student Research Fellow, Ferris State School of the Built Environment

2021–2022: Architectural Intern, DriscoN Consulting, LLC

SELECTED PROJECTS

Bayou Bienvenue Wetland Triangle Restoration Project. *City of New Orleans (2025– present). Planning Associate.* Develop a science-based restoration prioritization plan for Bayou Bienvenue, a historic wetland located in the Lower Ninth Ward. The project team is employing structured decision-making throughout a stakeholder engagement process to guide the plan and assist the community in identifying goals and objectives for restoration.

Jackson County Resiliency Plan. *Jackson County, MS (2025–present). Planning Associate.* Support the creation of a countywide resiliency plan that informs future investments that protect Jackson County's people, assets, and the environment. Throughout the project, I have provided writing support, conducted engagement with a range of stakeholders, and developed graphics to communicate plan goals, objectives, and actions.

FEMA Cooperating Technical Partners Program: Bayou Teche Resilience Meetings
FEMA. (2024–2025). Planning Associate. Performed outreach and engagement in the Bayou Teche Watershed on flood risk and data resources, including developing a co-design workshop to create high quality and accessible science-based materials to communicate with a non-technical audience.

Pocket Prairies Implementation Framework.
City of Houston and NFWF. (2023-2024). Planning Associate. Assisted in graphic and report design for the development of the Pocket Prairies Implementation Framework document, which details best practices and guidance for the creation of small-scale nature based solutions.