



## AUDREY GRISMORE, PHD

*Geographer, Project Manager*

Audrey Grismore, Ph.D., specializes in collecting and synthesizing a wide range of material to triangulate the responses communities have to disruptive events and how these responses interact at the local, state, and federal level. In addition to her academic experience, Audrey has extensive experience working in long term recovery in Mississippi, Louisiana, Texas, and New Jersey prior to returning to graduate school.

### COMPANY ROLE

Geographer,

Project Manager

### PROJECT ROLE / FOCUS AREAS

Resilience Adaptation

Project Management

Integration of social,  
cultural, and  
environmental

Disaster response and  
mitigation

Cultural Resource  
Management

### EDUCATION

PhD Geography,  
Louisiana State  
University, 2018

MS Geography,  
Louisiana State  
University, 2014

BS History and  
Archaeology, Hood  
College, 2007

### PROFESSIONAL MEMBERSHIP

American Association of  
Geographers

Louisiana Floodplain  
Managers Association

Louisiana Emergency  
Management Association

Prior to joining The Water Institute, Grismore spent three years as an environmental historic preservation (EHP) professional with the Federal Emergency Management Agency (FEMA) Louisiana Recovery office (LIRO). In this capacity, Grismore reviewed environmental and historic preservation compliance for hazard, flood and pre-disaster mitigation projects, public assistance projects and individual assistance projects; regularly managed numerous project reviews, was a technical expert for LIRO's EHP ArcGIS mapping and spatial data analysis needs, and refined Orleans Parish Archaeology Probability Map using statistical classifications including variables of historical maps, soils, geology, elevation, and distance from known sites.

Grismore was also involved in disaster recovery projects resulting from Hurricane Laura in 2020, Hurricane Barry, numerous flooding events, tornados and other extreme weather events across the Gulf coast.

Before going to graduate school, Grismore was a cultural resources field manager for URS Corporation working on the Mississippi Development Authority Housing Recovery HUD-CDBG Projects. Prior to taking on this role, Grismore was an archaeologist and field lab manager for various URS company projects.

### PROFESSIONAL EXPERIENCE

2021-Present: Geographer, The Water Institute

2017-2021: Environmental Protection Professional, Federal Emergency Management Agency

2012-2018: Graduate Research Assistant, Louisiana State University

2010-2012: Cultural Resources Field Manager, URS Corporation

2008-2010: Archaeologist, URS Corporation



## SELECTED PROJECTS

**FEMA Cooperating Technical Partners. FEMA (Ongoing).** Project Manager; Principal Investigator. Coordinate the planning and management activities required by State CTPs in support of Risk MAP program implementation throughout FEMA Region 6. Activities performed by the Institute under the CTP program include the creation and annual updates of the Institute's CTP 5-year Business Plan, implementation of flood risk mapping through watershed discovery projects, special communication projects, and creation of training materials for university engineering students and local engineering practitioners.

**Developing Equitable Outcomes to Climate Hazards and Other Disasters. National Academies of Sciences, Engineering, and Medicine, Gulf Research Program (Ongoing).** Project Coordinator; Investigator. Facilitate scenario-building workshops with residents of four coastal communities in Louisiana to explore the potential sociocultural and economic impacts of nonstructural mitigation at the household and community levels. Conduct qualitative data analysis to inform a customized resilience index and decision support tool for use by participating communities.

**Economic and Policy Research for the Lower Mississippi River SmartPort and Resilience Center. U.S. Department of Commerce Economic Development Agency. (Ongoing).** Principal Investigator Resilience Plans. Assess potential hazards, threats, and disruptions impacting operations at Louisiana ports to assist in the creation of the Lower Mississippi River Comprehensive Resilience Index and resilience dashboards for each port, which enable leadership to visualize, prioritize, and track progress in implementing their resilience action plans.

**Capital Area Groundwater Conservation Commission: Phase 2: Long Term Strategic Planning for Water Resources Capital Area Groundwater Conservation Commission. The Water Institute. (Ongoing).** Geographer. Synthesize, research, and report on the prior public engagement and knowledge of the groundwater geology and saltwater intrusion issues associated with the Southern Hills Aquifer System in the Baton Rouge area. The

Capital Area Groundwater Conservation Commission will use the data and information provided by this project to make critical aquifer management decisions.

**Advancing the Goals of SECAS: A Program to Improve SECAS Blueprint Utility in the Gulf of Mexico Water Institute of the Gulf, US Fish and Wildlife Institute. The Water Institute. (2021).**

Geographer. This project is to advance the management applicability and use of the SECAS blueprint in prioritizing, executing, and assessing conservation and restoration projects in the northern Gulf of Mexico (GOM) and surrounding watersheds. Specific roles on this project include 1) principal component analysis in R for social vulnerability index; and 2) geographic system support for stressor and threat index.

## SELECTED PUBLICATIONS

1. Mathewson, K., Allen, A.L., **Grismore, A.**, Lagos, M., Simms, J.R., & Spencer, B. (2020). The Sauer Tree in Time and Place. *Journal of Latin American Geography* 19(1), 84-97. doi:10.1353/lag.2020.0012.
2. Colten, C.E., & **Grismore, A.A.** (2018). Can Public Policy Perpetuate the Memory of Disasters? *RCC Perspectives*, (3), 43-52. <https://www.jstor.org/stable/26511172>
3. Colten, C.E., Simms, J.R.Z., **Grismore, A.A.** & Hemmerling, S.A. (2018). Social justice and mobility in coastal Louisiana, USA. *Reg Environ Change* 18, 371–383. <https://doi.org/10.1007/s10113-017-1115-7>
4. **Grismore, Audrey**, "Natural Resources-Based Conflicts in Coastal Louisiana: A Multi-faceted Social and Ecological Setting" (2018). LSU Doctoral Dissertations. 4767. [https://digitalcommons.lsu.edu/gradschool\\_dissertations/4767](https://digitalcommons.lsu.edu/gradschool_dissertations/4767)
5. Colten, C.E., **Grismore, A.A.**, & Simms, J.R.Z. (2015). Oil Spills and Community Resilience: Uneven Impacts and Protection in Historical Perspective. *Geographical Review* 105 (4), 391-407. <https://doi.org/10.1111/j.1931-0846.2015.12085.x>