

Allison Haertling, MURP, AICP  
 Planner/Research Scientist  
 The Water Institute  
 2021 Lakeshore Drive, Suite 310  
 New Orleans, LA 70118  
 Tel. No. (310) 985-2483  
 Email: [ahaertling@thewaterinstitute.org](mailto:ahaertling@thewaterinstitute.org)

**EDUCATION**

University of New Orleans	New Orleans, LA	Urban and Regional Planning; Environmental and Hazard Mitigation	MURP, 2020
University of New Orleans	New Orleans, LA	Disaster Management and Community Resilience	Graduate Certificate, 2020
New York University	New York, NY	Theatre	BFA, 2004

**RESEARCH INTERESTS**

Climate adaptation and resilience, climate migration, community and stakeholder engagement, insurance policy, hazard mitigation, water resources management, and ecosystem restoration.

**PROFESSIONAL EXPERIENCE**

The Water Institute	Planner/Research Scientist	2024–Present
	Associate Planner/RA	2021–2024
University of New Orleans Center for Hazards Assessment, Response & Technology (UNO-CHART)	Research Associate	2020–2021
Coastal Science Assistantship Program, Coastal Protection and Restoration Authority	Graduate Assistant	2019–2020
University of New Orleans	Graduate Assistant	2018–2019
University of Southern California, Sol Price School of Public Policy	Administrative Assistant	2007–2018

**PROFESSIONAL SOCIETY MEMBERSHIPS**

- American Institute of Certified Planners (AICP), 2022–Present
- Louisiana Floodplain Management Association (LFMA), 2021–Present

- ULI Louisiana Diversity Committee, Co-Founder and Board Member, 2019–2021
- American Planning Association (APA), 2018–Present

### **TRAINING COURSES**

- Structured Decision Making, 2023
- FEMA Certificate: Mitigation Planning for Local and Tribal Communities, 2019

### **NOTABLE PROJECTS**

**Planner/Capacity Building to Enhance Tribal and Regional Resilience** Current

*United Houma Nation*

Provide Louisiana’s largest Native American Tribe, the United Houma Nation (UHN), with proposal development, technical assistance, and project management support to implement the Tribe’s five-phase Hazard Mitigation and Tribal Resilience Plan, which includes 1) fortification of the UHN Resilience Hub, 2) creating Satellite Hubs, 3) strengthening communications, 4) economic development, and 5) community-led migration. In addition to retrofitting buildings for wind and energy resilience to serve as community hubs during storms and blue skies, the plan focuses on engaging community members in each of the six southeast Louisiana parishes of the UHN service area to build the Tribe’s capacity to lead climate adaptation efforts.

**Lead Planner/Enhancing the Resilience of Southeast Louisiana’s Asian American Fisherfolk Communities** Current

*National Oceanic and Atmospheric Administration*

Co-develop a comprehensive, industry-specific climate adaptation plan with southeast Louisiana’s fishers, shrimpers, and processors to protect and support the Asian American fisherfolk that comprise a large percentage of the state’s seafood industry.

**Lead Planner, Facilitator/Installations, Energy and Environment Technology Innovation Strategy (TIS)** 2023–2024

*U.S. Army Corps of Engineers*

Developed a TIS in partnership with USACE to support the Army in meeting current and projected modernization requirements, and to ensure that installations and field operations can sustain and integrate the technologies necessary to face the toughest challenges related to IE&E. The TIS was developed in close coordination with the Directors of the Environmental Laboratory (EL) and Construction Engineering Research Laboratory (CERL) of the Engineer Research and Development Center (ERDC), as well as other key USACE personnel, with direct input from the Chief of Engineers and Assistant Secretary of the Army, Installations, Energy and Environment.

**Public Engagement Facilitator, Investigator/Long-term Strategic Water Sustainability Plan** Current

*Capital Area Ground Water Conservation Commission (Baton Rouge, LA)*

Research and synthesize water resource management plans from across the U.S. to develop a strategic plan for the Capital Area. Co-facilitate public engagement efforts and report on 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.

**Community Engagement Coordinator and Facilitator, Investigator/Federal Emergency Management Agency (FEMA) Cooperating Technical Partners (CTP) FEMA** Current

Coordinate and facilitate resilience meetings with communities in various watersheds throughout FEMA Region 6 in support of Risk MAP program implementation. Activities performed by the Institute under the CTP program include 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.

## **PUBLISHED WORKS**

### **Peer-Reviewed Publications**

- Hemmerling, S. A., Haertling, A., Shao, W., Di Leonardo, D., Grismore, A., & Dausman, A. (2024). “You turn the tap on, the water’s there, and you just think everything’s fine”: a mixed methods approach to understanding public perceptions of groundwater management in Baton Rouge, Louisiana, USA. *Frontiers in Water*, 6, 1289400.
- Haertling, A.O. (2020). Paradox in the bayou: Development and displacement in America’s wetlands (Publication No. 2814) [Master’s thesis, University of New Orleans]. University of New Orleans Theses and Dissertations.

### **Technical Reports**

- Fischbach, J. R., Dalyander, S., Mchugh, C., Dejong, A., Littman, A., Haertling, A., & Bond, C. A. (2023). *Enhancing benefits evaluation for water resources projects: Towards a more comprehensive approach for nature-based solutions* (Case study analysis results and recommendations) (p. 241). Baton Rouge, LA: The Water Institute of the Gulf. Produced for and funded by the U.S. Army Corps of Engineers’ Engineering with Nature Program.
- DiLeonardo, D., Dausman, A., Clark, R., Runge, M., Dalyander, S., Hemmerling, S., Grismore, A., Haertling, A., Bienn, H., Afinowicz, J., Taucer, P., Skipwith, J., Tsai, F., & Shao, W. (2022). *Long-term strategic plan for the Capital Area Ground Water Conservation Commission* (Final Report No. 2A) (p. 405). The Water Institute. Prepared for and funded by the Capital Area Ground Water Conservation Commission.

### **Published Plans – Contributing Author**

- U.S. Army Corps of Engineers. (2024). *Installations, Energy, and Environment Technology Innovation Strategy* (p. 48). U.S. Army Corps of Engineers. Developed in partnership with The Water Institute.
- The City of Mobile. (2023). *City-Wide Resilience Assessment: An Assessment of Mobile’s Resilience*. Produced by The Water Institute in partnership with Sea Grant, Mississippi State University, Volkert, Ephriam and Associates LLC, Waggonner & Ball, and Moffatt & Nichol. Prepared for and funded by the City of Mobile, AL.

### **Conference Proceedings and Presentations**

- Haertling, A., Billiot, M., Favre, D. (2024). *Addressing climate change inequity through frontline community-led adaptation and relocation*. [Presentation]. National Adaptation Forum, St. Paul, MN.
- Haertling, A., Genc, U., Johnson, D., Fischbach, J., Hemmerling, S., Grismore, A., Kane, P. (2024). *Incorporating equity and social vulnerability into the design of flood risk mitigation strategies*. [Poster Session]. National Adaptation Forum, St. Paul, MN.
- Haertling, A. (2022). *More than you ever wanted to know...about water*. [Pecha Kucha Presentation]. Louisiana Smart Growth Summit, Baton Rouge, LA.