

LIZ WILLIAMS

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PROFESSIONAL EXPERIENCE **Foundation for Louisiana Coastal Communities Resiliency Program Officer *New Orleans, LA***

FEBRUARY 2016 - PRESENT Designs strategies to support communities influenced by land loss and relative sea level rise across Louisiana watersheds; Manages coastal grant-making areas with an advisory committee and relevant issues; Facilitates partnership building efforts to respond to interconnected needs across diverse funding tracks and local focuses

JULY 2013 - FEBRUARY 2016 **[css] Coastal Sustainability Studio | LSU Research Fellow and Affiliate *Baton Rouge, LA***

2015 + **Constructing Dynamism: A Tale of Two Basins** *Project Manager/Lead Designer*

Created framework to assess social, economic, and ecological effects of changing salinities in hydrologic basins; Designed infrastructure to optimize distribution of limited freshwater and sediment resources;

2015 + **TEST [Tactical Extreme Scenario Trial] for Coastal LA** *Lead Designer*

Collected, reviewed, and arranged coastal datasets; Evaluated industrial trends and demographic shifts alongside changes in geomorphology; Visualized a proactive retreat scenario where efforts to stabilize land loss have been unsuccessful

2015 + **Changing Course Competition Phase 1: The Giving Delta** *Designer*

Influenced outlining of Ecology, Economy, and Settlement Frameworks; Devised generational phasing of structural and nonstructural infrastructure; Authored diagrams and images to communicate design tactics;

2014 + **Grand Isle Studio|Born on Island : Anticipating the Edge of Louisiana** *Research Director; Design Instructor*

Conveyed issues facing coastal Louisiana to upper level architecture students and community participants; Guided design responses to Relative Sea Level Rise and Base Flood Elevation;

2014 + **Inundating Risk : Insurable Alternatives for a Changing Environment** *Co-Director; Researcher*

Assessed and conveyed requirements of and modifications to the National Flood Insurance Program; Constructed a dual framework to incorporate technically credible risk data, options to employ the Community Rating System, and incentivized consumer design responses based on demographic, infrastructural, and coastal landscape changes

2013 + **Synthetic Mudscapes : Human Interventions in Deltaic Land Building** *Project Manager*

Delegated and consolidated multi disciplinary research; Directed team of civil engineers, urban planners, coastal scientists, and landscape architects; Resolved discrepancies between instructional methods and objectives; Devised strategy for public use, investment, and management practices based on ecosystem health

2012 - 2014 **[AVATAR] Advanced Virtual and Technological Architecture Research Research Fellow *London, UK***

2012 **Terreform ONE Design and Research Fellow *New York, NY***

+ Resilient Water Infrastructure | Governor's Hook : New York, NY

2011 **Ash Sakula Architects Architectural Designer *London, UK***

+ Canning Town Caravanserai : London, UK

2010 **Architectural Glass and Metal Architectural Designer *Baton Rouge, LA***

2009 - 2010 **Office of Community Design and Development : LSU Research Fellow *Baton Rouge, LA***

+ Woodlands Trail and Parks Interpretive Center and River Pavillion : New Orleans, LA

2007 - 2009 **Ford Dickinson Architects Intern Architect *Baton Rouge, LA***

+ Women's Hospital : Baton Rouge, LA

+ Courville Residence : Pass Christian, MS

+ Lamar Advertising National Headquarters Competition : Baton Rouge, LA

2014 - 2015 **Louisiana State University | School of Architecture Instructor *Baton Rouge, LA***

2012 - 2014 **University of Greenwich | Dept. of Architecture and Landscape Lecturer *London, UK***

2013 - 2014 **London College of Contemporary Art Lecturer *London, UK***

ACADEMIC EXPERIENCE

EDUCATION

Master of Architectural Design [MERIT] UCL - The Bartlett *London, UK*

Bachelor of Architecture Louisiana State University *Baton Rouge, Louisiana*

SOFTWARE + TOOLS

Autodesk Autocad/Maya, McNeel Rhinoceros, Grasshopper, Adobe CS Photoshop/Illustrator/InDesign/Flash/AfterEffects, Google Sketchup, ArcGIS, MasterCAM CAD/CAM, Vectorworks + Laser Cutter, 3D Printing, 3 Axis Milling, Waterjet, Woodworking, Arc/MIG Welding