

**Organization Name:** City of Savannah

**Organization Contact Person:** Nick Deffley, Sustainability and Resilience Director

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**Organization Mission:** The Sustainability & Resilience Office mission is to equitably promote the health and resilience of Savannah's residents, neighborhoods, natural environment and economy.

**Internship Semester:** Summer 2020

**Project Title #1:** Sea Level Sensor Project – Hudson Hill Community Profile Report

**Keywords:** Community Engagement, Resilience Planning, Communication

**SLS Priority Issue Areas:** Climate Change, Community Health

**Project Background:** The Smart Sea Level Sensors project is a partnership between Chatham Emergency Management Agency, City of Savannah, and Georgia Tech scientists and engineers who are working together to install a network of internet-enabled sea level sensors across Chatham County. The real-time data on coastal flooding will be used for emergency planning and response, and to inform long-term capital investment in climate mitigation and adaptation. The interns will assist in community engagement, developing community profile reports for our most vulnerable communities. This is a team project. A number of GA Tech faculty and students have participated on this project.

**Project Timeline:** This is an ongoing project with several partners and phased deliverables and timelines. The interns will complete specific planning documents, reports and engagement activities during their term. As milestones are achieved, the project will broaden to include additional communities.

**Desired skills and qualifications:** Mapping, Public Health, Public Communication/Outreach

**Deliverables:** Organize and host a series of community engagement events. Community profile report of Hudson Hill that includes socio-economic data, environmental data, health data, etc., that is developed in partnership with the community.

**Project Title #2:** Sea Level Sensor Project – Neighborhood Response Planning and Mapping

**Keywords:** Communication Skills, Sustainability/Resilience, Civic Data Analysis

**SLS Priority Issue Areas:** Climate Change, Community Health, Civic Data

**Project Background:** Develop, in partnership with neighborhood residents, neighborhood-specific emergency preparedness and response plans that account for social/climate vulnerabilities and assets. The purpose is to assist our most vulnerable communities in becoming more resilient in the face of changing climate, impacts of acute storm events, flooding, industrial accidents/releases, etc. An additional purpose of this process and development of the plan is to help residents plan, prepare for, and bounce back from acute events in a way that the neighborhood bounces back stronger than before.

**Project Timeline:** This project should be complete by September 2020.

**Desired skills and qualifications:** Strong Verbal and Written Communication Skills, Data Analysis, Organizational Skills

**Deliverables:** Developing and hosting a series of community engagement events. Neighborhood specific emergency preparedness and response plan.