



WEBINAR INVITE

Tuesday
February 26, 2019
11:30 AM - 12:30 PM ET

Smart Sea Level Sensors for Emergency Planning and Response

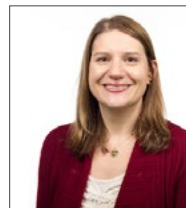
Join us for a webinar on Feb. 26 at 11:30 AM to learn how the Smart Sea Level Sensor project will inform flood mitigation planning strategies and enable educational experiences for students.

Coastal flooding represents a growing threat to the City of Savannah and adjoining areas in Chatham County. Recent brushes with Hurricane Matthew in 2016 and Hurricane Irma in 2017 saw storm surges of 7+ feet at the county's only two tide gauges, shutting down county schools and businesses for days. During extreme weather events, strong winds interacted with an extremely intricate network of coastal rivers, tributaries, and marshlands to create a complex pattern of flooding that varied by 2-4ft over a distance of several miles.

The Smart Sea Level Sensor project aims to install a large network of internet-enabled water level sensors across flood-vulnerable Chatham County. This is done via a working partnership between officials from the Chatham Emergency Management Agency (CEMA), the City of Savannah and a diverse team of scientists and engineers from Georgia Tech.

The project team has installed 8 sensors through a grant from the Georgia Tech Smart Communities program. The planned deployment of 50-100 sea level sensors will stretch from Interstate 95 to Tybee Island - capturing a wide range of tributary sizes, orientation, and building densities.

Speakers



Jayma Koval, Research Faculty, CEISMC, Georgia Tech



Kim M. Cobb, Professor, Earth and Atmospheric Sciences, Georgia Tech



Emanuele Di Lorenzo, Professor, Earth and Atmospheric Sciences, Georgia Tech



Russell Clark, Research Faculty, Computer Science, Georgia Tech



Nick Deffley, Director, Office of Sustainability, City of Savannah

[Click here to reserve your spot!](#)

