

Water Level Sensors & Alert System

June 22, 2018

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Coastal Resiliency Committee



Proposal

The region would benefit from an app or website that provides alerts and water depth data for intersections and road segments that frequently flood. A network of water level sensors that provide real-time data to the public must be established to support a useful app or website.

Steps:

- 1) Identify frequently flooded roads and intersections
- 2) Determine necessary sensor features
- 3) Find a host for sensor data
- 4) Estimate cost of sensors and host function
- 5) Write scope of work for alert system development (real time, mobile platforms)
- 6) Identify system maintenance needs/costs post-development
- 7) Determine mechanism to maintain system
- 8) Provide proposal to CCRFR, state/federal agencies, Joint subcommittee