

**Project Status Report: CEE-2018CPST-DR-004**

**Report Date: 22 Oct 2018**

**Team**  
**Members:** Seth Barrus, Wade Roberts, Jared Lillywhite, Dan Costa  
**Project Title:** Flood Stoppers

### 1) Summary of technical/non-technical challenges encountered

- Technical Challenges
  - What format is the data going to be in?
  - How will we perform geospatial analysis on our socioeconomic data?
  - Learning to use open source tools.
- Non-Technical Challenges
  - Still difficult to communicate with our sponsor because he is in the Dominican Republic.

### 2) Team approaches & resolutions to overcome challenges

- Begin building a basic model to perform geospatial analysis.
- Begin researching methods of determining economic impact of storms.
- Email sponsor to see what data they have available.

### 3) Status of challenge resolutions & potential project impact

- Seth and Wade are building the model.
- Dan and Jared are researching methods of estimating economic impact of storms.
- A presentation for INDHRI will need to be prepared, outlining our project.

### 4) Project status & summary

- We are on track to have material for discussion when the sponsor comes November 6th.
- We met with Dr. Nelson last week and discussed deliverables of what is expected and how to accomplish it.