

**Project Status Report: CEEEn-2018CPST-0DR-004**

**Report Date: 10/15/2018**

**Team Members: Jared Lillywhite, Wade Roberts, Seth Barrus, Danilo Costa**

**Project Title: Flood Mapping**

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

- Technical Challenges:
  - How will we perform geospatial analysis on our socioeconomic data?
  - What format is that data going to be in?
  - Learning to use open source tools.
- Non-technical challenges:
  - It is difficult to communicate with our project sponsor, because our sponsor is an agency in the Dominican Republic.
  - It has been difficult to set up a meeting with Dr. Nelson that works with everyone's schedule.

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

- Plan on meeting with Dr. Nelson on Monday, October 22<sup>nd</sup>.
- This week, begin building a basic model to perform our geospatial analysis.
- This week, begin researching methods for estimating economic impact of storms.

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

- Dr. Nelson is still in the process of determining the scope of our project and providing us with more information.
- Seth and Wade are building the model.
- Dan and Jared are researching methods of estimating economic impact of storms.

**4) Project status & summary**

- We have met with Corey Krewson and have discussed the status of his application and what we need to do to build on it.
- The project sponsor will be in town in November, and we are planning on meeting then.
- We are on track to have material for discussion when the sponsor comes in November.