

**Project Status Report: CEEEn-2018CPST-DR-002**

**Report Date: 19 November 2018**

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**Project Title: Groundwater Modeling**

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

- Our time has been really full with midterms and the onset of final project requirements, so we have not had a lot of time to read this week.

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

- As a team we have committed to reading the principal document provided by Fidel for data collection by December 1<sup>st</sup>. It is in Spanish and will likely take a bit longer to read, but contains good data regarding recharge estimates, water quality, and wells which we will need for our model.

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

- This week was extremely busy for the team and we have not made a whole lot of progress in reading the articles. We need to have a good idea of the data we have available to us before heading to the Dominican Republic, since we will be meeting with officials and presenting the data we have, plus requesting more data if need be. We need to be diligent in reading more of the information provided so that we can have a reasonably-sized dataset from which to create a preliminary model that we can discuss with those officials.

### 4) Project status & summary

- We have a good idea of what data we need to collect and where we can find the data. Our goal is that by the end of this semester, 30% of the work will be completed, primarily pertaining to the data collection phase, in which we will be prepared to meet with officials in the DR and present our data needs and begin to create our MODFLOW model.