

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

Report Date: 22 October 2018

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Project Title: Groundwater Modeling

1) Summary of technical/non-technical challenges encountered

- The greatest challenge right now is that while beginning to do research about the hydrogeology and hydrology of the Dominican Republic, there are many technical terms that we are not familiar with while we are reading the studies. Our base knowledge of groundwater and hydrology, apart from our graduate student lead, is very limited, which makes drawing information from the studies a bit harder.
- Our goal of learning engineering-related vocabulary in Spanish has not been a first priority, and so we are not up to date with the goal of 10 words a week yet.

2) Team approaches & resolutions to overcome challenges

- Team members have begun to take notes regarding the information needed for collection within the scope of the project, namely aquifer boundaries, well locations, water level measurements, hydrogeology, and major sources and sinks. This should help us to focus on the most important information in the studies we are reading.
- Time has been allotted during each team meeting to review the vocabulary words we are trying learn. A Quizlet has been made with the words we want to learn as well.

3) Status of challenge resolutions & potential project impact

- We are beginning to have a better understanding of the scope of our project. By reading the sources we have from our sponsor, we are gaining insights into the hydrogeology of the Dominican Republic, as well as gathering pertinent information for our model.
- We are reviewing Spanish vocabulary words each week and have created resources to help us accomplish our goal of 100 words before the trip to the Dominican Republic.

4) Project status & summary

- We are making progress with the information gathering process that our statement of work prescribes. Information regarding aquifer boundaries, well locations, water level measurements, hydrogeology, and major sources and sinks is being collected. We are also improving our pertinent Spanish skills for the project.