Project Status Report: CEEn-2018CPST-DR-002   **Report Date: 5 November 2018**

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Project Title: Groundwater Modeling

1) Summary of technical/non-technical challenges encountered

- We met with our graduate team lead and he discussed with us the data types that we need to build a useful groundwater model. The problem is that we are unsure of what kind of model we should build, since certain types are more useful in different applications, and that decision will depend on both what our client wants and what kinds of data we are able to gather.

2) Team approaches & resolutions to overcome challenges

- We have a better idea of what data types are needed for what models, so the next step for us is to compile data sources that we can either digitize or extract directly to a model. With a full data set we will better be able to determine what type of groundwater model we can create.
- We should meet with our faculty advisor to get his input on the type of model that will be most pertinent to our project, so we know what data to collect.

3) Status of challenge resolutions & potential project impact

- We met with our graduate team lead, which was a previous issue. We are reviewing literature which will provide us with different data types which will be useful to our model.
- Our faculty advisor has been out of town in Japan, but when he returns we will meet with him to discuss current challenges and approaches.

4) Project status & summary

- We met with our graduate team lead this week to discuss what data is needed for the model we will build. We have a better idea of what data we should be gathering as we read literature.
- We have begun a team scoreboard which we use in team meetings to help hold us accountable to our work and to organize the workload more effectively.