

## **Weekly Status Report – Niles Guo Sept 17, 2017**

### **This week's activity:**

1. Last week Andres's new PhD student Jay Fuhrman and I had a call to go over the preliminary work of CADS. I shared with him Rebecca's work from last year, and walked him through the case study to provide a background of CADS and the direction of the work. He mentioned that he and Andres will touch base on Monday and we will find a time after that to go over the plans moving forward, especially where he can come in and help with some of the work moving forward. Jay also mentioned they are still working on getting access to the Bay game, and some of their plans of using the algae work as potential validation case study for the CADS model.
2. Finished the next iteration of the taxonomy. As per the feedback from last time, I divided Data and Tools sections separately, and added additional classification to distinguish between different output format between the different methods. In addition, I added a few more methods as per Rider's feedback last week, with the comparison matrix having 10 methods (including CADS). All of them are referenced with the appropriate journal article, and it has been uploaded onto Asana.

### **Issues/Agenda for next meeting**

1. Present the taxonomy work for review. Specifically, let's go through the comparisons and see if the classifications make sense and if they cover the range of distinct features that each of the models themselves.

### **Next week's activity:**

1. Sync up with Andres and Jay this week to see what they are thinking of how to tackle the validation work going forward.
2. Present this taxonomy to Granger, Costas, and Rider to get their feedback, suggestions (in terms of both the scope of the classification and the list of methods to be included).