

EDS 220 HW 2 Task 1 – Henry Oliver

- 1) In your previous work experience, have you been working with reproducibility in mind? Which tools have allowed you or prevented you from making your work reproducible?

Before coming to Bren, my job was to perform research on an at-risk or out-of-compliance groundwater appurtenance (well, storage tank, pump system etc.) and then publish a letter to the water system describing what they should do to reduce risk/achieve compliance. The excel template we used to perform research, and the letter templates allowed us to reach consistent decisions for similar cases and produce a logical flow to how we reached our determinations. This would fall apart when we had unique cases, which was about 1 in 5 of our letters. Unique cases required us to leave lengthy pages of notes that floated around our servers and were basically useless when it came to reproducing letters. Potentially relevant data for unique cases was very difficult to filter through, which lead to a lot of delays and confusion.