**Meeting: 4 01/06/2021**

**Meeting With RMS**

**Agenda:**

* Verbal project report
  + What has been achieved?
  + What are the aims moving forward?
* Questions for RMS
  + Who is the audience?
  + Which hurricane should be the basis of the improvement? (Laura?)
  + More questions pending, (I will try to amend this document as more questions arise)
* Any other business?

**Project Report:**

The aim for the last month was to complete the necessary reading to fill the hurricane, GIS and uncertainty literature review, whilst starting to examine different visualization techniques

**what I did**

* + The last month has been spent creating a literature review in rough the layout is as followed:
    - 1.0.0 literature review
    - 1.1.0 Hurricanes
      * 1.1.1 What are hurricanes
      * 1.1.2 Hurricane Laura (can be swapped for which ever hurricane is chosen)
      * 1.1.3 How are hurricanes modelled and predicted
      * 1.1.4 How are hurricanes mapped
    - 1.2.0 GIS
    - 1.3.0 Uncertainty
      * 1.3.1 What is uncertainty.
      * 1.3.2 Why does uncertainty matter.
      * 1.3.3 Uncertainty in GIS
      * 1.3.4 Uncertainty in hurricanes.
      * 1.3.5 Uncertainty and visualization
  + sufficient background reading to grasp the concepts of hurricanes, gis and uncertainty.
  + written 13 pages of write up and note for the literature review (4000 words)
* **Moving forward**
  + Aims
    - Start working on developing improvements for the basic 2d hurricane track visualisation.
    - After this initial goal has been reached, the project will flow to developing a more interactive version.

**Standout articles**

* Non-expert interpretations of hurricane forecast uncertainty visualizations
* Effect of Visualization Training on Uncertain Spatial Trajectory Predictions
* A 30% Chance of Rain Tomorrow": How Does the Public Understand Probabilistic Weather Forecasts?

Yo, I know semester 3 is at its end but do you know if UCL fencing is going to be doing much over the next few months? (Just wondering if there is any point joining tomorrow as a master’s fresher)