

Meeting: 4**01/06/2021****Meeting With RMS****Agenda:**

- Verbal project report
 - o What has been achieved?
 - o What are the aims moving forward?
- Questions for RMS
 - o Who is the audience?
 - o Which hurricane should be the basis of the improvement? (Laura?)
 - o More questions pending, (I will try to amend this document when 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

- o 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
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 - 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
- o sufficient background reading to grasp the concepts of hurricanes, gis and uncertainty.
- o written 13 pages of write up and note for the literature review (4000 words)
- **Moving forward**
 - o 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)