W209 Data Visualization

Fall 2020 – MIDS Program

Week 6 Proposal

●      Names of students in your group (alphabetically by last name)

Blake Allen

Tsung-Chin Han

Yang Jing

Victor Wang

●      What is your project concept?

* To inform users of the economic and social impact of sea level rise across the globe in a direct and visual way.
* Start with an overview of “median case” sea level rise projection by [2100] by [country], with projected impact by country, including GDP, population, agriculture as a % of GDP, etc.
* Drill down to a lower level to enable users to play around with different scenarios, such as changing CO2 emission levels and visualize the impact

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●      Who are your users?

* General public mostly, to raise the awareness of the impact of climate changes.

●      What are some tasks they will do with your visualization?

* Hover over the overview charts to see impact by country
* Click on a country to drill into details and change the parameters to see other scenarios and the corresponding impact of sea level rise

●      What is an example of an insight that you hope your work will show?

* Which countries/states are most vulnerable to sea level rise?
* How much difference it will make if sea level rise is 2 feet instead of 6 feet?

●      Where will you get your data?