**MA615 Mapping assignment - Review for Group 4**

**Group 2**

* **Our team github URL:**

**<https://github.com/BU-MSSP-ChenxunLi/MA615-mapping-Team2>**

* **The github URL for the project we reviewed:**

**<https://github.com/helensus/615_hurricane>**

* **Does the code run?** Yes
* **How many maps are produced?** 4
* **Comparison to Hurricane Exposure maps：** M1(7), M2(7) M3(8), M4(8)
* **Did your team include new code in your review?** Yes
* **Does the code run and produce the outcome that is submitted?**

The code runs perfectly, and it can produce the outcome.

* **How many maps are produced by this code?There should be 4 maps.**

This team produced 4 maps. The first map for Floyd-1999 and Allison-2001 are made

with package ‘ggplot2’, and the second map for Floyd-1999 and Allison-2001 are made with package ‘tmap’.

* **Are the maps functionally equivalent to the once from the Hurricane Exposure package?**

The legend of the maps generated by this group is not equivalent to the maps from the Hurricane Exposure package. For example, the Allison-2001 map they created didn’t show the exposed and unexposed area.

* **How can they be improved?**

If you can add more comments and detailed descriptions, that will be better. The legend of the maps should be equivalent to the maps from the Hurricane Exposure package.

The latitude and longitude of the first picture are quite different from the second picture. As a result, the size of the core content is not large enough, and the visual effect of the picture will have a big difference. Also, in data sets 'Allison\_map' and 'Floyd\_map', some observations in 'rain' are NA and have not been processed. It needs to be more careful in the data cleaning process in the next project.

* **Is the code clear with sufficient commentary for future maintenance?**

Comments at key steps are clear and really helpful in understanding the codes. Just a little advice, the description could be written in a little bit more detail.