

The authors should address the below minor comments generated by Reviewer #2.

1. Figure 10: unequal space between vertical subplots.

**Response: Thanks for your comments. Figure has been re-generated with uniform space.**

2. Figure 8: the main categories (i.e. Soil, Hydrology and Climate) can be placed as the y-label for clarity and the parameters should be in their full name.

**Response: Thanks for your comments. Figure 8 has been deleted during our first revision according to other reviewers' suggestions.**

3. Figure 5: The numbers are cut off. Caption need to be rewritten formally.

**Response: Thanks for your comments. Figure 5 has been regenerated and Figure Caption has been rewritten.**

4. Figure 4: Event Harvey should be changed to Hurricane Harvey

**Response: Thanks for your suggestions. We changed text Event Harvey to Hurricane Harvey in this iteration.**

5. The authors should be consistent in map projection. The US map is plotted in different projections which may hinder the interpretation of the results.

**Response: Thanks for your comments. We affirm that all the map projection is in US Lambert Conformal projection.**