

## ***Interactive comment on “Influence of Saharan dust on Atlantic tropical cyclones” by Zhenxi Zhang and Wen Zhou***

### **Anonymous Referee #2**

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General comments: Sorry to say that this manuscript is not suitable for publication in the present form on a scientific journal for the following reasons: -The shown correlations do not imply causation. The authors didn't put any effort in trying to demonstrate the mechanism behind their assumptions: the sentence "A causes something to B BECAUSE they are highly negatively correlated each other" (see line 38 and many other places in the manuscript) doesn't make any sense and it is at the base of the current manuscript. - The time period used is not clear: why only back to 1980? - correlation are shown without considering statistical significance - differences are shown without any consideration regarding the statistical significance of the shown results: you can't just put to "color white" values lower than a threshold to highlight interesting patterns. - You can find thousand of series showing the same behaviour of figure 5.. once again

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causation is missed.

- There are many minor comments such as : suspended phrases, missed units, inconsistent colorbars, etc.

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2020-761>, 2020.

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