

## ***Interactive comment on “China’s historical record in the search of tropical cyclones corresponding to ITCZ shifts over the past 2ka” by Huei-Fen Chen et al.***

### **Anonymous Referee #2**

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Overall, this is a very important topic on paleotyphoon patterns in China. The findings should have both academic implication and practical value to address the potential risks of extreme weather in the future. However, the manuscript itself should be revised substantially according to current form.

First, the descriptive analysis on paleotyphoon is important. But, this is the first practice so far. The authors should justify the innovative points of their works. Especially, the data is from Zhang (2013), which is not a first-hand data.

Second, why author compared with ENSO? Why authors chose these ENSO data? The comparative analysis between ENSO and paleotyphoon is so rough without any

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calculation. The authors should have done some statistical analysis because this is the research in physical sciences.

Third, in terms of NAO or Pacific Oscillation, the authors did not use any data series at all. They only discuss the linkage qualitatively. I think it would be better to use some reconstructed data series of NAO or Pacific Oscillation to compare with paleotyphoon.

Fourth, since the last phase of the research 1945-2013 could use the satellite data, could the authors also use different satellite data, like ENSO to support their conclusions?

These are some major points I found during my review. I hope it could help the authors to improve their work.

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