

## Comments to the manuscript: Exploring meteorological droughts' spatial patterns across through complex network theory

In the paper, Event Synchronization analysis are applied to investigate the spatial patterns and features of meteorological droughts in Europe. The main points of the manuscript is expressed concisely and the paper is overall well organized. The standard of English is acceptable. Here are a few comments and suggestions.

1. In Introduction, the research motivation of the spatial patterns and features of meteorological droughts is not clear enough.
2. Why is Hamming distance used to calculate the difference between two subnetworks, is there any other distance (measure) can be used.
3. In the study of the spatial pattern and characteristics of meteorological drought, what are the advantages of using method Synchronization analysis compared to other methods.