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Comment

Interactive comment on “Improvement for the multi-scale periodic characteristics revealing of precipitation signals and its impact assessment on soil hydrological process by combining HHT and CWT approaches” by S. P. Yu et al.

Anonymous Referee #2

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This paper is analyzing the multi-scale periodic features involved in the annual and seasonal precipitation signals.

Reading thoroughly the paper it is my opinion that it is very interesting but a bit out of topic for NHESS. Especially because it is showing a very detailed mathematical analysis of the problems without allowing to external readers to properly understand what can be the advantage of the proposed methodology, both in other hydrometeorological studies and also in other geophysical fields. Only readers that already knows previous

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studies and the applications of the method in very detail can take advantage of the paper. Similarly, also in the conclusions, there is the same problem. What is really lacking is to highlight what is the advantage of this research for a more general scientific public that dealing with hydrometeorological hazard.

In conclusion the paper is interesting but in my opinion can be, for instance, more suitable for Nonlinear Processes in Geophysics.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 4031, 2014.

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