

# ***Interactive comment on “Accuracy assessment of real-time flood forecasting of coupled hydrological and mesoscale meteorological models” by Aida Jabbari et al.***

## **Anonymous Referee #2**

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The paper describes evaluation of WRF-downscaled driving data used in a hydrological model in a catchment on the border between North and South Korea. The paper sets out to analyse the optimal setting of temporal and spatial resolution of the precipitation modelling to produce a good hydro-meteorological forecast for the area. However, the analysis is only done over three case studies and the results do not support the conclusions. The sample size is simply too small. Further, the paper is not well organised and I am often confused by the description of the methods and results; and there is not enough relevant references. I therefore do not recommend the paper to be published in its current form.

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## Specific comments.

1. As stated already the paper would be more interesting if the study were done over a longer time period to support a robust statistical analysis of the results. It is OK to highlight certain features through case studies, but you cannot build your results on only three cases.
2. The text is often too long and some details described to carefully. I also sometimes struggle to understand what the authors mean, so the paper would need a thorough language revision.
3. There is a lack of relevant references to support the statements made in the introduction, and the references are often too old.

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2017-447>, 2018.