

Hydrol. Earth Syst. Sci. Discuss., author comment AC1  
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## Reply on RC1

Kunlong He et al.

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Author comment on "SMPD: a soil moisture-based precipitation downscaling method for high-resolution daily satellite precipitation estimation" by Kunlong He et al., Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2022-79-AC1>, 2022

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Dear reviewer:

Thank you very much for your great help on our manuscript. Many thanks are also to the Associate Editor and the reviewers for their constructive comments and suggestions. They are very important and useful to improve our work and brush up the manuscript. According to all the comments, the paper was thoroughly revised. Meanwhile, some errors and deficiencies have been also revised through our self-check process and proofread service. The key changes are marked with red color. The point-to-point responses to all comments and suggestions from the reviewer are listed in the following. We hope these revisions can satisfy your requirements and meet with your approval, and of course, we are more than happy to improve the paper again according to new comments and suggestions they might come.

Best regards,

Kunlong He and Wei Zhao

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Please also note the supplement to this comment:

<https://hess.copernicus.org/preprints/hess-2022-79/hess-2022-79-AC1-supplement.pdf>