

Hydrol. Earth Syst. Sci. Discuss., author comment AC2  
<https://doi.org/10.5194/hess-2021-508-AC2>, 2022  
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## Reply on RC2

Rena Meyer et al.

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Author comment on "Exploring the combined use of SMAP and Sentinel-1 data for downscaling soil moisture beyond the 1 km scale" by Rena Meyer et al., Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2021-508-AC2>, 2022

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Dear reviewer we thank you for your profound reading and the constructive comments that we believe considerably improved the quality of the revised version of the manuscript. We add our replies to your comments in the attached pdf.

Please also note the supplement to this comment:

<https://hess.copernicus.org/preprints/hess-2021-508/hess-2021-508-AC2-supplement.pdf>