

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

Thea Roksvåg et al.

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Author comment on "A geostatistical spatially varying coefficient model for mean annual runoff that incorporates process-based simulations and short records" by Thea Roksvåg et al., Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2021-8-AC1>, 2021

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We would like to thank Anonymous referee #1 for the constructive review. Referee 1's main concern is connected to the structure of the paper and he/she has several suggestions on how to improve it. The suggestions are concrete and good, and we will revise the paper accordingly. More specifically, repeated information will be removed and we will shorten and sharpen the introduction. We will also edit/clarify the sentences that are mentioned by the referee.

As referee 1's comments mainly concern structure and grammar, we don't have any additional comments. We will follow up on each of the comments in a revision.

Kind regards,  
Thea Roksvåg and co-authors.