

hess-2021-168-manuscript-version5

Decision

Dear Dr. A. Jeantet

Thank you for revising carefully your manuscript entitled “*Robustness of a parsimonious subsurface drainage model at the French national scale*”. You have addressed most of the points that I had listed before. Still, I think that seven points need some more clarification or improvement. I describe them below and refer to your enumeration in your response.

Language:

- # 5 (L. 310 in the track-change document): Replace *compile* by *include*.
- # 6: Consistently use mmd^{-1} instead of *mm* only. On L. 372, skip *from boxplots*: the median is not derived from these plots.
- # 14: Rephrase as ... *period increases S_{inter} values*.

Further comments:

- # 10: Please mention this general trend in the text.
- # 12: Please specify your statement in the paper according to your response.
- # 16: I cannot follow this argument: for each site, there is a value for each parameter from the reference data base and the respective calibrated value. These values can be compared. Please do so. You may add the results in the Appendix.
- # 19: Please provide the argument also in the paper.

Please address these issues.

Sincerely

Dr. Christian Stamm Editor HESS