

Editor decision for manuscript hess-2018-247

Rainfall-Runoff modelling using Long Short-Term Memory (LSTM)

Networks

by F. Kratzert et al.

Dear Authors,

I have read the referee's comments and your related replies. In general I found all replies and suggested changes to the manuscript satisfactory, so please provide a manuscript with the proposed changes.

Some specific comments on the comments by S. Mylevaganam (SM) and your related replies:

- Comment 7 by SM: I have no objections to using the terms 'basins' and 'catchments' interchangeably in your manuscript. Both are well-known terms in the hydrological community and their meaning should be clear.
- Comment 13 by SM: The question SM raises here ('Are the authors citing Shen et al., 2018 based on their personal relationship with Shen et al. 2018?') is serious, as it implies the accusation of applying favor-based citations instead of selecting citations by appropriateness. From reading your paper and Shen et al. 2018, it is clear to me that citing Shen et al. 2018 is appropriate and helpful for the reader. So it should be kept where it is. HESS welcomes constructive criticism from all members of the scientific community during the discussion phase of a newly submitted manuscript (that is the idea of having a discussion phase in the first place). However this comes with the obligation to substantiate the criticism, especially when it addresses author ethics. This substantiation was missing in the comment by SM. I have also read the second comment by SM. It provides no new evidence of the criticism raised in the first comment, so please proceed with your manuscript revision.

Yours sincerely,

Uwe Ehret