

Interactive comment on “Proposal of a lumped hydrological model based on general equations of growth – application to five watersheds in the UK” by C. Prieto Sierra et al.

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Dear Mrs. Prieto,

I had a careful look at the reviewer comments and your response. Both reviewers, which are very well respected in the field of conceptual modeling and parameter estimation, agree that the proposed model approach is novel. But they point also that there is long way to go, to turn this into work into a contribution that is acceptable for HESS. I pretty much agree with their comments, but I also stress that improving the study to an acceptable level is not an unsolvable problem.

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The key for this might be, on top of addressing the major points of the reviewers, a better explanation of what we learn about hydrological systems and how their behavior is represented by conceptual models from the fact that such a type of model performs at least not worse (even as good) as an accepted conceptual model...

Best regards,

Erwin Zehe

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