

Interactive comment on “Parameter sensitivity to climate and landscape variability of a simple, lumped salt and water balance model” by M. A. Bari and K. R. J. Smettem

E. Zehe (Editor)

ezehe@rz.uni-potsdam.de

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Dear Authors,

I regret to tell you that the manuscript “Parameter sensitivity to climate and landscape variability of a simple, lumped salt and water balance model” will not be considered for publication in HESS. Each of the three referees pointed out that the manuscript does not represent a independent study, is not well structured, the calibration methods are not explained and, the most critical thing, cannot be understood without referring too much to two other manuscripts you recently submitted to HESSD.

My feeling is that it would be much more appropriate to combine the parameter sensitivity analysis with the two other manuscripts that introduce the concepts and applications

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of your water- and salt balance model. This would make up two companion papers! If you decide to do so, you should carefully address the reviewers comments especially give sufficient information on the model calibration and address issues like parameter interdependence and overparametrization.

Sincerely yours,

Erwin Zehe

Interactive comment on Hydrology and Earth System Sciences Discussions, 2, 1405, 2005.

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