



Interactive comment on “A framework for evaluating regional hydrologic sensitivity to climate change using archetypal watershed modeling” by S. R. Lopez et al.

Anonymous Referee #2

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The authors developed regional framework to assess the impact of climate change on the hydrology and sedimentation. The manuscript is very well-writing and suitable for the reader of HESS journal. I would like to recommend publishing this paper with minor revision.

In section 2.3.1, you got a set of hydrologic parameter values through the calibration procedure. I have two concerns about this process: (1) would you comment the impact of number of Region on the parameter identification? (2) I would like to know the prediction capability of using the calibrated parameter in future. On the other hand, in

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my opinion, the sensitivity analysis of calibrated parameters would be carried out from the point of completeness.

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Interactive comment on *Hydrol. Earth Syst. Sci. Discuss.*, 9, 13729, 2012.

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