

Interactive comment on “Using Satellite-Based Evapotranspiration Estimates to Improve the Structure of a Simple Conceptual Rainfall-Runoff Model” by Tirthankar Roy et al.

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Received and published: 6 November 2016

We thank Mr. Mukherjee for providing his valuable comments on our manuscript. As he rightly pointed out, the primary focus of many conceptual hydrologic models has been in better simulating the streamflow, while not giving much importance to ET. Therefore, the conceptual models should be improved so that they can predict ET with reasonable accuracy. These improved models can then be used for addressing many interesting research questions. For example, we have already started investigating the future water availability in the Mara River basin using the model developed in this study (HyModV2), where ET is an important entity.

We also thank Mr. Mukherjee for pointing out the importance of the structural modification C1

cations in the model.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-413, 2016.