

## ***Interactive comment on “An efficient semi-distributed hillslope erosion model for the sub humid Ethiopian Highlands” by S. A. Tilahun et al.***

**E. Zehe (Editor)**

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Dear Dr. Steenhuis,

I had a close look at your manuscript as well as at the two reviews. Both reviewers raised major points that should be addressed within the revised version of this manuscript. I in particular agree that the question of model structural uncertainty should be discussed in the new version and that a verification of the calibrated extend of sediment source areas with independent data would strongly increase the credibility that the model works for the right reasons.

Additionally I think it is necessary to explain how the proposed model structure can help to quantify the effect of land management practice on soil loess.

Best regards,

Erwin Zehe

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 2121, 2012.

**HESSD**

9, C4283–C4284, 2012

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