

Interactive comment on “Linking soil erosion to onsite financial cost: lessons from watersheds in the Blue Nile basin” by T. Erkossa et al.

Anonymous Referee #1

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The authors contributed a good work which can be used as evidence to convince policy makers. But the followings are major areas where the author should focus to improve the quality of their work. 1) I am wondering if a single year data could be conclusive in terms of the magnitude of the sediment losses and associated nutrient and financial implication

2) Sediment flow normally has two major components: the base flow and the suspended sediment. The author fully focused on suspended sediments.. I am afraid this might lead to under estimation of the losses

3) Number of evidences suggest that sediment losses is higher at the beginning of the rain fall season and states declining depending on the sources.. Although the authors argued about this fact and limitation of their contribution.. it is advisable to support this

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argument with figures...

4) I do not understand the basis for assumption of uniform nutrient losses across different land uses?

5)Crop residue is an important component and I am wondering if the authors can consider this in their calculation... at least support the discussion with some figures using HI as an approach.

7) on within catchment nutrient redistribution the authors are encouraged to refer to a work of Haileslassie et al., 2006.. attached

6) two sections are dedicated to discussion.. authors need to check

Please also note the supplement to this comment:

<http://www.solid-earth-discuss.net/7/C56/2015/sed-7-C56-2015-supplement.pdf>

Interactive comment on Solid Earth Discuss., 7, 565, 2015.