

## ***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 #2**

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The manuscript describes a research carried out to estimate the onsite cost of soil erosion on a productivity basis, relating crop reductions with nutrients (N and P) lost in sediments and runoff in absence of fertilization. Although this is a hypothetical situation, results may help to understand the financial cost of soil erosion. Although some minor changes are necessary, the objectives, the experimental design and the relevance of results make this manuscript a solid candidate for publication in SE. Some issues need to be clarified by authors, namely: Why only one-year data set? In my opinion, more data should help to better understand the problem, out of short-term irregularities. But long-term data are probably unavailable. I think this problem may be easily solved if authors clearly state it in the title and objectives (the year should be included in the title, for example). Organization of the manuscript: – There are two sections titled “Results and discussion” and “discussion”. I suggest leaving only

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results in section 3 and moving all discussion to section 4. – A “Conclusions” section is missing. It looks like part of conclusions are included in section 4, but I think this problem requires reorganizing the text more reasonably.

Detailed comments have been submitted separately.

Please also note the supplement to this comment:

<http://www.solid-earth-discuss.net/7/C360/2015/sed-7-C360-2015-supplement.pdf>

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