

***Interactive comment on “Identifying residence times and streamflow generation processes using  $\delta^{18}\text{O}$  and  $\delta^2\text{H}$  in meso-scale catchments in the Abay/Upper Blue Nile, Ethiopia” by S. Tekleab et al.***

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Reply to the editor Comment

Comment; I recommend the Authors to follow closely the suggestions of the 2 reviewers and to undertake the major revisions that are requested. There is a need to improve the paper on several fronts, including structure, writing style, and description of analyses and methods. It is particularly necessary to outline the main contributions of this paper beyond the case study that is presented. As pointed out by the reviewers, at present,

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the paper looks more as yet another application of standard methods, rather than a significant and innovative contribution to current research.

Reply: We thank the editor for the suggestion to stress on overall paper quality so as to contribute significantly to the current research. According to the reviewer's comments and suggestions, a number of changes have been made in the revised manuscript.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 10333, 2013.