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

FF Fenicia (Editor)

fenicia@lippmann.lu

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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, the paper looks more as yet another application of standard methods, rather than a

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significant and innovative contribution to current research.

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