

Interactive comment on “A site-level comparison of lysimeter and eddy-covariance flux measurements of evapotranspiration” by M. Hirschi et al.

M. Hirschi et al.

martin.hirschi@env.ethz.ch

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Dear Prof. Romano, as you can see, Referee #1 was very positive and satisfied with the presented analyses of our manuscript, while Referee #2 had some concerns regarding the scientific value of the paper.

We have addressed the specific comments of Referee #2 point by point in the corresponding response. We additionally want to address here the criticism of this reviewer on the novelty of the study. To our knowledge, this study is the first presenting such a multi-year comparison of EC and lysimeter measurements. As pointed out in our answer to the reviewer, the other existing comparisons are strongly limited by the length of the analyzed time periods (generally not available beyond a few months). Thus the

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presented analyses are fundamentally novel in that they allow an unprecedented comparison between two well established techniques, shedding light on the quality and reliability of monitored data based on these methods.

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