

## ***Interactive comment on “PERSiST: the precipitation, evapotranspiration and runoff simulator for solute transport” by M. N. Futter et al.***

**M. N. Futter et al.**

[martyn.futter@slu.se](mailto:martyn.futter@slu.se)

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There is an error in our response to the concerns of reviewer 1 about Line 13 of page 8652. (p7 of the response to reviewers). Reviewer 1 stated: "The upper and lower limit of the objective function should be plus infinite and zero. Please correct."

There was a typographical error in the submitted version of the manuscript. We are grateful to reviewer 1 for bringing this to our attention. The objective function used was the sum of the Nash Sutcliffe (NS) statistic minus one for each of the of the eight stream flow time series ( $\text{sum}(\text{NS}-1)$ ). As the NS statistic ranges from a minimum of minus infinity to a maximum of one, the upper and lower limit of the objective function will be minus infinity and zero.

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Sincerely,

Martyn Futter

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