

***Interactive comment on “Critical review of the application of SWAT in the upper Nile Basin countries” by A. van Griensven et al.***

**A. van Griensven et al.**

a.vangriensven@unesco-ihe.org

Received and published: 18 June 2012

Hi Jan,

Thanks for the nice comments. The quality of data is indeed a very critical issue, not only in developing countries. The poor quality of the data is regularly mentioned as one of the problems in apply SWAT. Especially the use of rating curves should be done with more attention, as these relationships might be erroneous and change over time (e.g. small damming on the river for local water abstractions/bridge constructions/morphologic changes). Also for that reason it is recommended to do a mass balance analysis based on the data itself, not only on model results.

C2300

Kind regards,

Ann van Griensven

PS: The reference to Mango has been included in the manuscript.

---

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 3761, 2012.