

Interactive comment on “Physically-based modelling of hydrological processes in a tropical headwater catchment in Benin (West Africa) – process representation and multi-criteria validation” by S. Giertz et al.

S. Giertz et al.

Received and published: 31 July 2006

The authors would like to thank the reviewer for his comment on the paper. As the comment was very positive with only a few specific remarks this answer is relatively short concentrating on these remarks: 1. As proposed the revised paper will outline more clearly the structure of the model already in the abstract. 2. The discussion of the uncertainty also refers to the sensitivity study of the model, therefore the impact on the results is also taken into account. 3. The influence of the farming activities on the hydrological processes are discussed in Giertz et al. (2005), therefore a deeper analysis of this topic was not carried out in this paper. The different processes (surface runoff,

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

interflow, groundwater flow) of the catchments with different land use were shown in figure 14 and 15. The technical errors will be corrected in the revised manuscript.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 3, 595, 2006.

HESD

3, S587–S588, 2006

Interactive
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper