

Interactive comment on “The Hydrological response to climate change of the Lesse and the Vesdre catchments (Wallonia, Belgium)” by A. Bauwens et al.

J. Seibert (Editor)

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This manuscript presents a climate impact study using a physically-based hydrological model for the Meuse catchment in Belgium. While the two reviewers found the manuscript generally interesting, they also raise important issues, which need to be addressed before the manuscript might be acceptable for publication in HESS. To summarize these issues include:

- 1) Novelty: please better clarify what the new contribution of your work is.
- 2) More efforts should be spent on discussing and quantifying uncertainties.

C4514

3) Clarification: a number of points remain unclear, especially with regard to the hydrological model and the climate perturbation tool. Please provide the necessary information

4) Presentation: please significantly improve the quality of the text (structure & language) and figures (e.g. same axes on similar figures, see fig 5&6)

The required changes require a major revision, please make sure to address all the reviewer comments carefully in your revised version.

(Unfortunately the third reviewer was not able to submit a review due to serious family reasons)

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 7695, 2010.