

## ***Interactive comment on “The benefit of high-resolution operational weather forecasts for flash flood warning” by J. Younis et al.***

**J. Younis et al.**

Received and published: 29 April 2008

Interactive comment on “The benefit of high-resolution operational weather forecasts for flash flood warning”; by J. Younis et al. – The authors would like to thank all referees for the positive and constructive comments which have helped us to improve our manuscript. – We particularly appreciated the lively discussion on the paper since it reflects the importance and interest in the subject.

The main issues for the referees and how we have addressed them can be summarised as follows:

–> Revision of English: we have addressed all shortcomings of the English language and asked a native speaker to vigorously go through the manuscript in addition to the referees comments which were very helpful.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



→ Literature review: we have improved the literature review on early flashflood warning, put the references up to date and better underlined our arguments with existing literature.

→ Specific discharges: There was some confusion on the paragraph referring to a description of specific discharges. This confusion was due to a wrong figure referencing in our manuscript. The whole paragraph refers to figure 3 only and not, as erroneously stated in the paper, to figure 3 and 4.

→ Threshold approach and values: Several referees preferred having the observed and simulated thresholds listed in the publication. This issue has now been addressed. Also, the paragraph on the calculation of the thresholds has been made clearer at parts as requested by one reviewer.

→ Longer time series for statistical analyses: The authors fully agree that a longer time series to estimate the performance of the system on the long term would be better. However, since flashfloods are mostly concentrated in autumn, this analysis would have to span over several years for which the data are not available for this study. This paper was intended as a first case study and this issue will be addressed in a follow up study.

We provide for each reviewer the details how we have responded to the comments.

April, 25, 2008 Sandrine Anquetin, Jutta Thielen-del-Pozzo, Jalal Younis

---

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 5, 345, 2008.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper