Hydrol. Earth Syst. Sci. Discuss., 5, S2617–S2618, 2009

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## **HESSD**

5, S2617-S2618, 2009

Interactive Comment

## Interactive comment on "Optimisation of LiDAR derived terrain models for river flow modelling" by G. Mandlburger et al.

## **Anonymous Referee #2**

Received and published: 26 February 2009

As a reviewer with little expertise in subject matter discussed in this paper, I will base my opinion on the papers structure and try to leave the technical details to those who have a better understanding of them. I think that the goals of the study are well stated. The methods used to achieve these goals are also very clear.

The only issue that I have is with the discussion of this methods benefits. It is clear from the online discussion with Referee1 that it is not within the focus of this paper to compare model results with observational data. The author does however state that this method compares better with real flooding (pg 3624 In 10-13). Supporting information (pg 3623 In 3-6) is presented, but a more thorough discussion along with some corroboration (data or reference) would make for a stronger line of argument.

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Interactive Discussion

**Discussion Paper** 



Other than that small point I think that this paper makes a good contribution to the literature and is well within the scope of HESS.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 5, 3605, 2008.

## **HESSD**

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Interactive Comment

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Interactive Discussion

Discussion Paper

