

## ***Interactive comment on “***

## **Experimental validation of some basic assumptions used in physically based soil erosion models” by S. Wirtz et al.**

**S. Wirtz et al.**

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Received and published: 14 April 2011

Thank you for the constructive comments.

C: The strong focus on the rill erosion process could also be incorporated in the title of the manuscript. A: The title is now: “Experimental testing of some basic assumptions used in physically based soil erosion models by means of rill experiments”.

C: Compared to the manuscript the abstract is rather short. Please mention some results maybe already in the abstract. A: The abstract has been changed and improved.

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C: I would suggest a native speaker to check the manuscript. This would surely improve the manuscript further. A: Some formulations still have been changed; a native speaker is now reviewing the manuscript.

C: Please add the citation "Stroosnijder, L. (2005). Measurement of erosion: Is it possible? Catena, 64, 162–173." to the introduction. A: Thank you for this reference. The paper is now cited in the introduction and in the discussion.

C: Please increase the size of the caption of the axes in Fig. 3 and Fig. 4. A: Caption size has been changed.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 8, 1247, 2011.

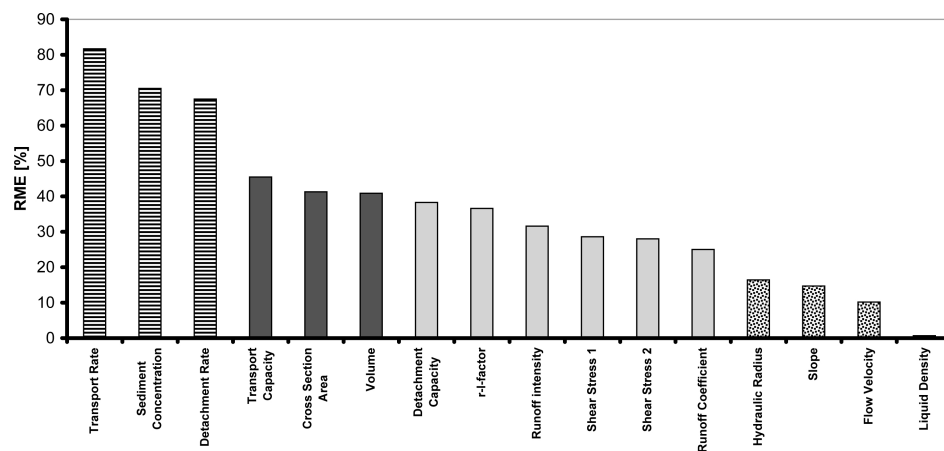


Fig. 1. Figure 3

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