

Interactive comment on “

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

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The paper "Experimental validation of some basic assumptions used in physically based soil erosion models" by Wirtz et al. provides valuable information on the problems of integrating rill erosion processes in soil erosion models.

Some short comments: The strong focus on the rill erosion process could also be incorporated in the title of the manuscript.

Compared to the manuscript the abstract is rather short. Please mention some results

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maybe already in the abstract.

I would suggest a native speaker to check the manuscript. This would surely improve the manuscript further.

Please add the citation "Stroosnijder, L. (2005). Measurement of erosion: Is it possible? Catena, 64, 162–173." to the introduction.

Please increase the size of the caption of the axes in Fig. 3 and Fig. 4

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