

Interactive comment on “Estimation of overland flow metrics at semiarid condition: Patagonian Monte” by M. J. Rossi and J. O. Ares

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Dear Editor,

We are submitting a revised ms. of our study incorporating nearly all the changes suggested by Reviewer 1 as described in our reply to the reviewer on June 22.

We also considered all the points raised by Mr. Harman as described above. We regret that not all the comments of Mr. Harman could be used for meaningful changes in our ms. because of the reviewer errors in estimating flows and slopes and subsequent confusions resulting from those. Nevertheless, we pursued identifying those parts of his review that were not dependent on his initial errors and introduced pertinent changes

in the revised ms.

Consequently, this latter ms. addresses both the points raised by reviewer 1 and includes replies to Mr. Harman as well. The new title follows from a suggestion of Reviewer 1. The changes introduced are aimed to address those points that seemed most relevant to reviewer attention, while dropping secondary aspects that may be of less interest to a general reader or were not immediately related to the objectives of the study. Figure 2 was changed to give more detail on the procedure we used in this revised version to estimate Depression Storage (DS) and we added Figure 6 to show the original data used to calculate average DS and their correspondence with run-off values. Added Appendix I addresses the rationale of the infiltration model in detail. A short section on biogeography of the study site was included to ease comparisons with other desert areas.

We hope this revised version will be found acceptable for publication in HESS and thank you for your continuing attention to its editorial process,

Yours sincerely,

J. Rossi J. Ares

Please also note the supplement to this comment:

<http://www.hydrol-earth-syst-sci-discuss.net/9/C3566/2012/hessd-9-C3566-2012-supplement.pdf>

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