

***Interactive comment on “Effect of radar rainfall
time resolution on the predictive capability of a
distributed hydrologic model” by A. Atencia et al.***

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Dear Prof. Remko Uijlenhoet:

We are writing in response to the reviewer comments on the manuscript hess-2010-300, entitled "Effect of radar rainfall time resolution on the predictive capability of a distributed hydrologic model ", for which major revision and resubmission has been requested.

In accordance with editors and reviewer suggestions we have introduced major changes, clarifications and additions to the original text to improve the clarity of the exposition. Thanks to the comments of the reviewers, we have realized that some

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aspects of the methodology were not properly discussed in the original manuscript, and we have made an effort to improve them. Detailed responses to each reviewer's comments will be provided in this file. The original comments are in bold face, author responses are in italics, and, when applicable, the corresponding revised text material is presented indented, in standard font.

The answers point by point and the modified manuscript are attached as supplement pdf files.

Thank you very much.

Regards,

The authors

Please also note the supplement to this comment:

<http://www.hydrol-earth-syst-sci-discuss.net/7/C5280/2011/hessd-7-C5280-2011-supplement.zip>

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 7995, 2010.