

***Interactive comment on “Improving operational flood ensemble prediction by the assimilation of satellite soil moisture: comparison between lumped and semi-distributed schemes” by C. Alvarez-Garreton et al.***

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Authors' response to Anonymous Referee #1 and Referee #2 on “Improving operational flood ensemble prediction by the assimilation of satellite soil moisture: comparison between lumped and semi-distributed schemes” by C. Alvarez-Garreton et al.

We are truly grateful for the reviewers' comments and interesting suggestions. We addressed each comment and followed most of their suggestions, which we think improved significantly the quality of the manuscript and research outcomes. Our

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response provides a comprehensive explanation of the approaches and decisions adopted to answer each of the comments.

Please find attached the response document, which is structured as follows: i) the reviewer's comments in blue font, ii) the authors' reply in black font, iii) the changes made in the revised manuscript in black italic font.

Please also note the supplement to this comment:

<http://www.hydrol-earth-syst-sci-discuss.net/11/C5810/2014/hessd-11-C5810-2014-supplement.pdf>

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