

***Interactive comment on “Comparison of measured brightness temperatures from SMOS with modelled ones from ORCHIDEE and H-TESEL over the Iberian Peninsula” by A. Barella-Ortiz et al.***

**A.H. Weerts (Editor)**

albrecht.weerts@deltares.nl

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Dear authors,

Your manuscript has received two referee comments. Due to the late submission of your replies a discussion did not follow. Both reviewers struggle with the structure/setup/content. One reviewer questions the validity of your results. Given their comments and findings major revisions of the manuscript are necessary. The basic structure of your paper is fine (introduction-data&methods-results&discussion and

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conclusions). However, a clear description of the hypothesis tested, the experiments conducted, the methods used, and a thorough analysis&discussion are clearly needed to allow a second evaluation of the manuscript and eventually publication in HESS.

Please pay careful attention to the comments of both reviewers, also address the concerns of reviewer 2 regarding the setup of the experiments and the doubts about the obtained results, a structured/proper description of the experiments in data& methods section and presentation and discussion in results& discussion section.

Sincerely,

Albrecht Weerts

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 12, 13019, 2015.

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