

## ***Interactive comment on “The Global SMOS Level 3 daily soil moisture and brightness temperature maps” by Ahmad Al Bitar et al.***

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We thank Dr. Schwank for his detailed analysis of the paper and for providing constructive comments to improve the paper. We hope the modification met approval.

Comment: My general impression of the work is that it is definitely worth publishing as it contains valuable information on the quality and comparability of SMOS and SMAP data products of the same kind (soil surface moisture). However, I believe that the manuscript needs to be improved at many places to meet the standard of a scientific article, and also to accomplish didactical and linguistic issues. I do not expect the authors to implement all of the corrections and additions I have proposed as sticky-notes in the uploaded pdf "essd-2017-1\_\_Rev". Nevertheless, I hope the comments are helpful for improving the overall quality of the manuscript on its way to the final

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publication. Please excuse my late response to this review request. With kind regards.

Answer: We took into consideration all the modifications suggested in the pdf file and modified the word document accordingly. We also provided the answers of the open questions as comments in the pdf file.

Please also note the supplement to this comment:

<http://www.earth-syst-sci-data-discuss.net/essd-2017-1/essd-2017-1-AC2-supplement.zip>

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Interactive comment on Earth Syst. Sci. Data Discuss., doi:10.5194/essd-2017-1, 2017.

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