

Interactive comment on “Potential soil moisture products from the Aquarius radiometer and scatterometer using an observing system simulation experiment” by Y. Luo et al.

Anonymous Referee #2

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This paper describes the principles and results of a simulation tool for generating synthetic data for remote measurements of soil moisture from space. It is applied to the NASA Aquarius radiometer and scatterometer and the synthetic results are compared with ground truth measurements. The paper clear and well written. The ideas presented are innovative and the results are relevant for users of data from such instruments and for instruments developers. I recommend the paper to be accepted as is.

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 2, 457, 2012.