Hydrol. Earth Syst. Sci. Discuss.,
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Hydrology and Earth System Sciences
Discussions

Interactive comment on "An evapotranspiration model self-calibrated from remotely sensed surface soil moisture, land surface temperature and vegetation cover fraction: application to disaggregated SMOS and MODIS data" *by* Bouchra Ait Hssaine et al.

Anonymous Referee #2

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I read the cited paper, Ait Hssaine et al. AFM 2018b, which is quite similar to this paper. I don't think it is necessary to republished the work on HESS again. Another thing is that TSEB-SM model parameters must be calibrated with ground measurement when they are used to a new region. Both papers do not show how to get ET result at regional scale. Both the abstract has emphasized on calibration of the model parameters. Furthermore, the calibrated parameters are not a fixed value, it varies with time. If the parameters are not fixed value. The model will always need ET or flux measure-

ment to calibrate the parameter. I do not suggest to accept this work for a publication on HESS.

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