

Interactive comment on “Technical Notes: Calibration and validation of geophysical observation models” by M. S. Salama et al.

Anonymous Referee #1

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The paper is describing a method for calibrating and validating observational models that relate remotely sensed energy fluxes to geophysical variables of land and water surfaces. This is a very interesting topic especially for all the Cal/Val activities of new sensors (e.g. SMAP). The method does not seem to be new, but, in case, a new application of already developed statistical methods. I am not particularly skilled on these statistical methods; however, I suppose that major credit should be given to persons who first developed such a type of procedures. References should be therefore improved and up-to-dated. In my opinion the application of the statistical method should be explained with more details in order to make clearer what is new and is not and to add details on the followed procedure. Since the paper has been submitted as a Technical note, I suggest accepting it for publication after some minor revision.

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Minor: Caption of fig. 2: It is better ‘Determination coefficient (R^2)’ instead of ‘coefficients of determination’. In any case the captions should cite the same variables of the diagrams.

Interactive comment on Biogeosciences Discuss., 9, 311, 2012.

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