

Review of: "Determination of Evapotranspiration and Crop Coefficients of Irrigated Legumes on Different Soil Types Using the FAO56 Approach"

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Potential competing interests: No potential competing interests to declare.

I am flattered to contribute to QEIOS and to this manuscript. The work is interesting and in a well-presented textual record, has a great condition to be published. In the perspective of contributing, I'll retrain my comments to my expertise on remote sensing of environment, even if the experimental design and the subject are familiar, and also a little over the textual presentation.

First, the FAO56 approach should be related to the objectives (last introduction paragraph) and presented in detail over the introduction, since here the overall context is presented. To better ground the methods application, the FAO56 approach must be presented on the methodology as well. Few details concerning textual presentation over the whole manuscript are required to be adjusted. For instance, on the bottom of the LAI equation (15) are presented more variables than it is necessary.

Then, the remotely sensed meteorological data from NASA it is from a mission, satellite, or an orbital product, for example. To improve that, authors may consider defining the data source for each meteorological variable. Plenty of details can clarify the remote sensing-related methods, and further, the potential discussion that it relies on.

Last but not least, I recommend authors to better explore the FAO56 approach as an objective and relate the conclusions on this methodology. Since it grounds the whole experiment, better relating the discussion, results and conclusion will surely improve the manuscript, as well as making sense to place that on title.