

***Interactive comment on “Reference crop evapotranspiration derived from geo-stationary satellite imagery – a case study for the Fogera flood plain, NW-Ethiopia and the Jordan Valley, Jordan” by H. A. R. de Bruin et al.***

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Paper advances the application of remote sensing into estimation of evapotranspiration. Two experimental sites are provided. It is worthwhile to publishing after incorporating referee comments.

Technical Comments: 1. Add statistics to all comparisons. The terms “the method performs very well, fairly etc.” are subjective. At a minimum, correlation between the two

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sets of numbers should be presented. 2. The difference between Jordan Valley and Ethiopian Highland is not elevation only. Latitude and the meteorology are different. The difference in ETo should be attributed to all variables. 3. Define  $e_o$  in equation 4. 4. Page 4938, paragraph 3, it needs to be pointed out that acquiring good quality net solar radiation data is challenging. 5. Page 4940, units for  $\gamma$  is kPa/oC. Editorial Comments. 1. Figure captions for 3 and 4 are not correct. Figure 9 caption should not refer to Figure 8 as Figure 8 shows Rs and Figure 9 shows T. 2. On page 4932, paragraph 3, please show Makkink as a citation. 3. Literature cited in manuscript but not listed in the References: Allen et al., (1998); Allen (1996); Allen et al., (1996); Thom, 1977 4. Literature listed in References but not cited in the manuscript: Alebachew, A., 2009; Lecina-Brau and Martinez-Cob, 2000; Pinker et al., 2000, Rubio et al., 2003; Schillings et al., 2004 5. Literature cited in the manuscript but not listed in the References: Abraham (2009) 6. Mismatches of year between literature citation in the manuscript and in the list in References. Hargreaves and Allen, 1985 vs 2003; Shatanawi et al., 1994 vs 2003; Kohsiek et al., 2008 vs 2007; Berengena and Gavilan, 2007 vs 2005.

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