

***Interactive comment on “Three perceptions of the evapotranspiration landscape: comparing spatial patterns from a distributed hydrological model, remotely sensed surface temperatures, and sub-basin water balances” by T. Conradt et al.***

**T. Conradt et al.**

conradt@pik-potsdam.de

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Thank you for this notice: It is true, there is also a kind of “albedo” for the thermal back-radiation of the atmosphere. But as the surface emissivity  $\epsilon_e$  is around 0.95 (and  $R_{1a}$  is just a part of  $R_n$ ), the error of neglecting this factor is relatively small.

However, we will correct the formula accordingly. This does not affect the model approximation of  $R_n$  which is presented on Page 1139 of the Discussion Paper.

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