

Interactive comment on “Estimating distributed soil texture using time series of thermal remote sensing – A case study in central Europe” by B. Müller et al.

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matthias.bernhardt@boku.ac.at

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RC2.1) We will add “spatial” to these expressions.

RC2.2) We will add a corresponding last sentence. Thank you for this suggestion.

RC2.3) We tried to reduce text by referring to Müller et al. (2014). The preprocessing and description of the TOA data is explained there to a further extent. Our feeling was that a recapitulation is beyond the scope of this paper.

Additional references:

Murray T., Verhoef A., 2007: Moving towards a more mechanistic approach in the

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determination of soil heat flux from remote measurements: I. A universal approach to calculate thermal inertia, *Agricultural and Forest Meteorology*, Volume 147, Issues 1–2. doi:10.1016/j.agrformet.2007.07.004.

Wang DC, Zhang GL, Zhao MS, Pan XZ, Zhao YG, et al., 2015: Retrieval and Mapping of Soil Texture Based on Land Surface Diurnal Temperature Range Data from MODIS, *PLoS ONE* 10(6): e0129977. doi: 10.1371/journal.pone.0129977

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-115, 2016.

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