

Interactive comment on “Thermal signal propagation in soils in Romania: conductive and non-conductive processes” by C. Demetrescu et al.

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1. We are grateful for the detailed language corrections and we made the necessary changes. 2. We added a short description of the QMT system. 3. In Conclusions we rephrased the sentence on p.480, r.5-7 as follows: The zero-curtain and the snow thermo-insulation effects are present in data, as shown by recorded temperatures to depths of 20 cm and derived thermal gradients. 4. Figures: We consider that a figure can sometimes add a certain dimension to the understanding of an argument (It certainly adds to their number and to the length of the paper!). Figs. 3-4 were meant to help the reader view at a glance the distribution of data we had to work with and differences between the ground thermal regime at the ten analysed stations. We think these figures are necessary. However, we can skip Fig. 13, as we do not enter in a detailed

discussion of the reasons of the remarked bias toward the diffusivities computed from InA. The number of figures would be additionally decreased by observing the suggestion of Referee #1 to remove Section 3 along with the corresponding 3 figures (Figs. 5-7).

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