Thank you very much for your feedback. We appreciate it a lot and implemented your comments.

We have reviewed the language in detail and improved the suggested passages as suggested by the reviewer, which was:

"I would ask the authors to double-check the language of their amendments, examples are "soil- and potential air temperature" (Fig. 7 x-axis label) should read "soil and potential air temperature", "to check quality of the…" (line 321) should read "to check the quality of the…", "like heat conductivity…" (line 368) should read "like thermal conductivity…"."

We have uniformly removed the hyphen before soil and air temperature, as this was not used consistently throughout the manuscript.

In detail we changed the following:

Line 17: These results help to enhance our understanding of the coupling between soil **\remove{-}** and atmospheric temperatures …

Line 182: During this process the soil **\remove{-}** and wall-layer temperatures …

Line 211: In addition, the differences between air **\remove{-}** and soil temperature at the interface are less pronounced …

Line 215: With cyclic boundary conditions air**\remove{-}** and soil temperatures show seasonal variations, …

Line 296: These differences are prominent in summer due to high radiation intensities (Fig. 5 (c)), while the soil **\remove{-}** and potential air temperatures …

Line 303: Different land covers have a significant influence on the absolute air**\remove{-}** and soil temperatures …

Line 319: A general evaluation of the model performance to check **\add{the}** quality of the digital representation of reality cannot be assessed …

Line 344: Another reasonable aspect is that with cyclic LBC the air**\remove{-}** and soil temperature values are …

Line 366: Furthermore, comparing all three land cover types, deep soil temperature modifications impact the potential air temperature differently, although, in a small magnitude (Fig. 5 (a), Fig. 6 (a), Fig. 7 (a)) due to the different surface properties like **\remove{heat} \add{thermal}** conductivity, heat capacity, soil moisture, different surfaces energy balances and the dependent influence of the ground heat flux etc.

Caption of figure 5, figure 6, figure 7: Additionally, at 04:00 and 14:00 the potential soil **\remove{-}** and the potential air temperature profile