

The Cryosphere Discuss., author comment AC1  
<https://doi.org/10.5194/tc-2022-71-AC1>, 2022  
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## **Reply on RC1**

Bin Cao et al.

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Author comment on "Brief communication: Improving ERA5-Land soil temperature in permafrost regions using an optimized multi-layer snow scheme" by Bin Cao et al., The Cryosphere Discuss., <https://doi.org/10.5194/tc-2022-71-AC1>, 2022

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The authors would like to thank the reviewer for constructive feedback, and the thorough assessment of the manuscript. Below we provide a point-to-point response to each comment, reviewer comments are given in black, and responses are given in blue. Additionally, we have included details of how we intend to address these changes in a revised submission.

Please also note the supplement to this comment:

<https://tc.copernicus.org/preprints/tc-2022-71/tc-2022-71-AC1-supplement.pdf>