



From: Soňa Tomaškovičová (corresponding author), Thomas Ingeman-Nielsen

To: Editorial Office, The Cryosphere

In Kongens Lyngby, DK, 06. October 2023

Subject: Response to the third round of reviews. Upload of the production files.

Dear Editor and Reviewers,

Thank you for reviewing our manuscript "*Coupled thermo-geophysical inversion for permafrost monitoring*". We are hereby submitting the files for production, where we have implemented the suggested change:

In summary, the statement "This way, there would be no additional parameters in the coupled model to calibrate" is at least not true in its generality, and I suggest replacing it by: "Depending on the hydrological model used, it may become necessary to include additional parameters, e.g. describing subsurface hydraulic properties, in the calibration routine."

The changed statement appears in the lines 459-461 of the revised manuscript (version for production).

Respectfully,

A handwritten signature in black ink, reading 'Tomaškovičová', is positioned to the right of the text 'Respectfully,'.

Soňa Tomaškovičová