

## Authors' Response to Reviews of

# Multi-scale variations of hydro-mechanical conditions at the base of the surge-type glacier Kongsvegen, Svalbard

Coline Bouchayer et al.  
*The Cryosphere*,

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**AR:** Author's Response

Dear Coline Bouchayer and co-authors,

Thank you for submitting a revised version of your manuscript. I am happy to recommend the manuscript for publication (pending a few technical comments - see below). Your study presents a comprehensive and multi-method approach to elucidating information on the inaccessible subglacial system. I am convinced that your results will be of interest to the cryosphere community and serve as inspiration for future studies. Best,  
Nanna B. Karlsson Co-editor-in-chief

**AR:** We thank you for the thorough reviews and your recommendation for publication. We have corrected the technical points highlighted. Below, we provide the response to all comments, where our detailed Author Responses are labeled AR and shown in blue font.

Additional private note (visible to authors and reviewers only): I spotted a few typos that should be fixed: p. 4, line 118: I don't think "proximity" should be deleted here?

**AR:** We have added back the work 'proximity' which had been deleted by mistake.

p. 10, line 246: Space missing "Figure3"

**AR:** We have made the change.

p. 11, line 273: Space missing between "3c" and "(4)"

**AR:** We have checked now that all this figure references are consistent with this format 'Fig. 3c (4)'.

p. 13, line 318: Space missing between "5b" and "(2)"

**AR:** See comment above.

p. 21, 522: BibTeX reference broken

**AR:** This problem appeared only in the track change document while the reference is correct in the final manuscript. We therefore did not need to do any changes.