

Hansen et al. 2021

<https://tc.copernicus.org/preprints/tc-2021-69/>

Reply to editor's comments on

# “Downscaled surface mass balance in Antarctica: impacts of subsurface processes and large-scale atmospheric circulation”

by

Nicolaj Hansen, Peter L. Langen, Fredrik Boberg, Rene Forsberg, Sebastian  
B. Simonsen, Peter Thejll, Baptiste Vandecrux, and Ruth Mottram

Dear Editor Alexander Robinson,

On behalf of my co-authors and myself, I would like to thank you for your comments  
on our manuscript.

We have corrected all six comments.

Best regards,  
Nicolaj Hansen

1. L83: present day Antarctic SMB => present-day Antarctic SMB  
Corrected
2. L84: the two subsurface model versions => two subsurface model versions  
Corrected
3. L85: GRACE, and finally => GRACE. Finally,  
Corrected
4. L86: first a method section => first, the methods are presented,  
Corrected
5. L87: Followed by a result section => This is followed by the results  
Corrected
6. L89: Then the discussion, where, besides the results, the MB is estimated and evaluated against GRACE data is discussed and also the influence of SAM on SMB. Finally, a conclusion in the end.  
=> Finally, the MB is estimated and evaluated against GRACE data, and we discuss the influence of SAM on SMB, followed by the conclusions.  
Corrected