

Author Correction: Overshooting the critical threshold for the Greenland ice sheet


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Nils Bochow, Anna Poltronieri, Alexander Robinson, Marisa Montoya,
Martin Rypdal & Niklas Boers

In the version of the article initially published, we referred to the surface mass balance module of PISM as dEBM. However, the surface mass balance module introduced by Zeitz et al.¹ and used in PISM is a modified version of the full dEBM scheme introduced by Krebs-Kanzow et al.^{2,3}. To make this distinction clearer, we now clearly state that we use dEBM-simple and added an additional explanation in the Methods. We thank Uta Krebs-Kanzow for pointing this out.

1. Zeitz, M., Reese, R., Beckmann, J., Krebs-Kanzow, U. & Winkelmann, R. Impact of the melt-albedo feedback on the future evolution of the Greenland Ice Sheet with PISM-dEBM-simple. *Cryosphere* **15**, 5739–5764 (2021).
2. Krebs-Kanzow, U., Gierz, P. & Lohmann, G. Brief communication: an ice surface melt scheme including the diurnal cycle of solar radiation. *Cryosphere* **12**, 3923–3930 (2018).
3. Krebs-Kanzow, U. et al. The diurnal Energy Balance Model (dEBM): a convenient surface mass balance solution for ice sheets in Earth system modeling. *Cryosphere* **15**, 2295–2313 (2021).



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