Corrections & amendments

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

🔴 Check for updates

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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).