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Supplement of

Mass loss of the Greenland ice sheet until the year 3000 under a sustained late-21st-century climate

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Tables

#	Scenario	GCM	aST 2091–2100 (°C)	caSMB 2015–2100 (m ice equiv.)
5	RCP8.5	MIROC5	6.2000	−27.385
6	RCP8.5	NorESM1-M	5.0206	−18.387
7	RCP2.6	MIROC5	1.4073	−10.391
8	RCP8.5	HadGEM2-ES	8.3467	−23.132
9	RCP8.5	MIROC5	(same as Exp. #5)	
10	RCP8.5	MIROC5	(same as Exp. #5)	
A1	RCP8.5	IPSL-CM5A-MR	6.3040	−27.454
A2	RCP8.5	CSIRO-Mk3.6.0	5.0795	−12.083
A3	RCP8.5	ACCESS1.3	5.9924	−18.392
B1	SSP5-8.5	CNRM-CM6-1	7.6037	−31.615
B2	SSP1-2.6	CNRM-CM6-1	1.8968	−12.941
B3	SSP5-8.5	UKESM1-0-LL	10.0087	−49.421
B4	SSP5-8.5	CESM2	6.7026	−48.311
B5	SSP5-8.5	CNRM-ESM2-1	7.2940	−30.458

Table S1: Surface temperature anomaly (aST, 2091–2100 mean) and cumulative SMB anomaly (caSMB, 2015–2100), spatially averaged over the present-day Greenland ice sheet, for all future climate experiments of this study. The anomalies are relative to the 1960–1989 means of the reference climatology. See also Table 1 of the main paper.

Note (2022-05-17):

In the original version of this document, the values for "aST 2091–2100" in Table S1 were wrong. This has been corrected here.

#	Scenario	GCM	SLC 2100 (m)	SLC 2300 (m)	SLC 3000 (m)
5	RCP8.5	MIROC5	0.1212	0.5486	1.6305
6	RCP8.5	NorESM1-M	0.0892	0.3697	1.0492
7	RCP2.6	MIROC5	0.0406	0.0803	0.1705
8	RCP8.5	HadGEM2-ES	0.1010	0.4534	1.2424
9	RCP8.5	MIROC5	0.1407	0.5872	1.6810
10	RCP8.5	MIROC5	0.1086	0.5229	1.5992
A1	RCP8.5	IPSL-CM5A-MR	0.1207	0.5292	1.5874
A2	RCP8.5	CSIRO-Mk3.6.0	0.0743	0.2749	0.7207
A3	RCP8.5	ACCESS1.3	0.0934	0.3743	1.0500
B1	SSP5-8.5	CNRM-CM6-1	0.1428	0.7535	2.2911
B2	SSP1-2.6	CNRM-CM6-1	0.0525	0.1663	0.4068
B3	SSP5-8.5	UKESM1-0-LL	0.2086	1.0614	3.0782
B4	SSP5-8.5	CESM2	0.1963	1.1498	3.5473
B5	SSP5-8.5	CNRM-ESM2-1	0.1381	0.6721	2.0060

Table S2: Sea-level contribution (SLC) by 2100, 2300 and 3000 relative to the projection control run (ctrl_proj) for all future climate experiments of this study. See also Table 1 of the main paper.