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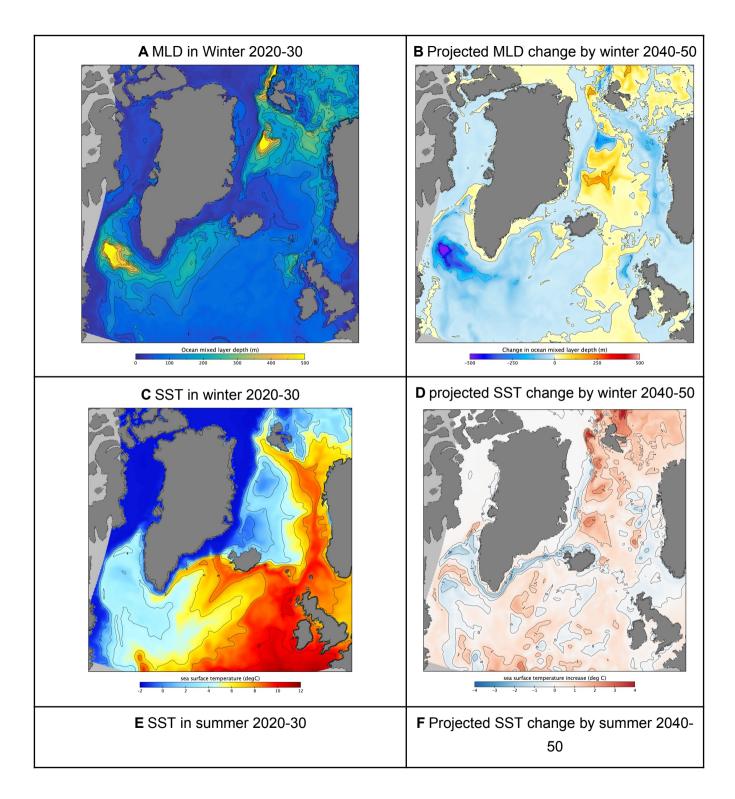
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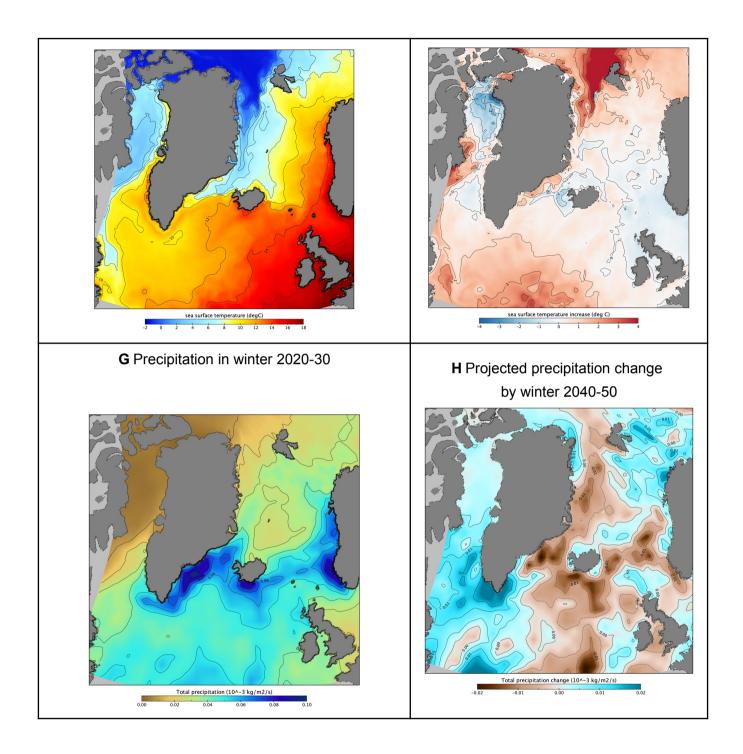
## Tipping points in ocean and atmosphere circulations

Sina Loriani et al.

Correspondence to: Sina Loriani (sina.loriani@pik-potsdam.de)

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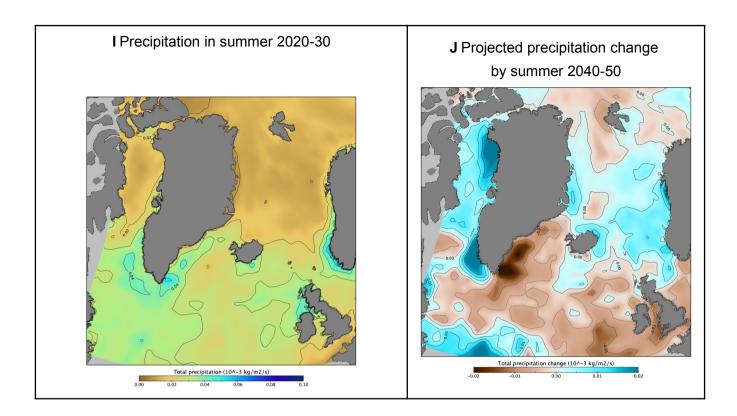


Figure S1. Additional analysis of SPG. A in winter 2020-30 (January-March) and B changes in the projected ocean mixed layer depth (MLD) by winter 2040-50. C and D - the same as above but for sea surface temperature (SST) and E and F for SST in summer (June-August); G-I are the same as above but for total atmospheric precipitation. NEMO-MEDUSA 1/4 degree high resolution model results using ssp370 CMIP6 scenario 2015-2099. High-resolution simulations are courtesy of Drs Andrew Coward, Andrew Yool, Katya Popova and Stephen Kelly, NOC.