1	Support information
2	Increased Model Resolution Amplifies
3	Arctic Precipitation and Atmospheric Circulation
4	Response to Sea-Ice Loss
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Figure S1: Atmospheric energy budget for (a) the future change between 1850-1869 and 2080-2089
and (b) its corresponding Arctic sea ice loss contributions.



29 30 31 32 33 Figure S2: Composite response differences between the Arctic 14-km and Global 110-km models for the 5th-10th and 90th-95th percentiles of the 800-hPa temperature, 500-hPa geopotential height, and 500-hPa zonal wind through bootstrapping methods. See text for details.