

# Large sensitivity of a Greenland ice sheet model to atmospheric forcing fields

## Supplementary material

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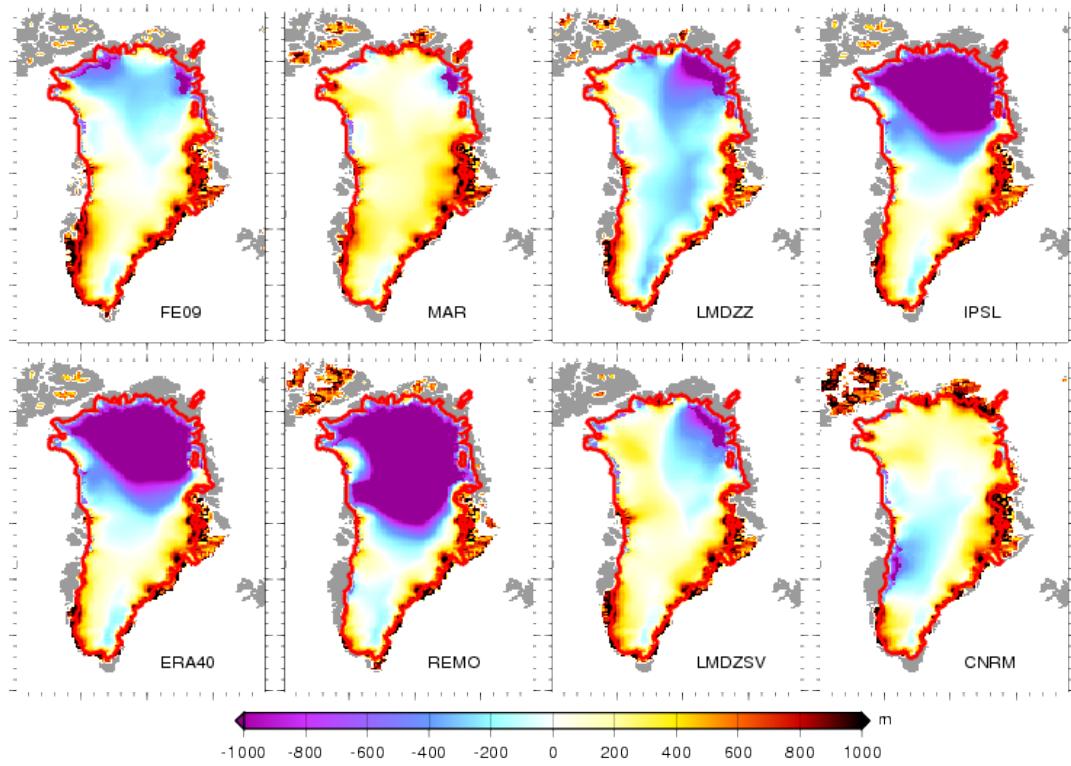
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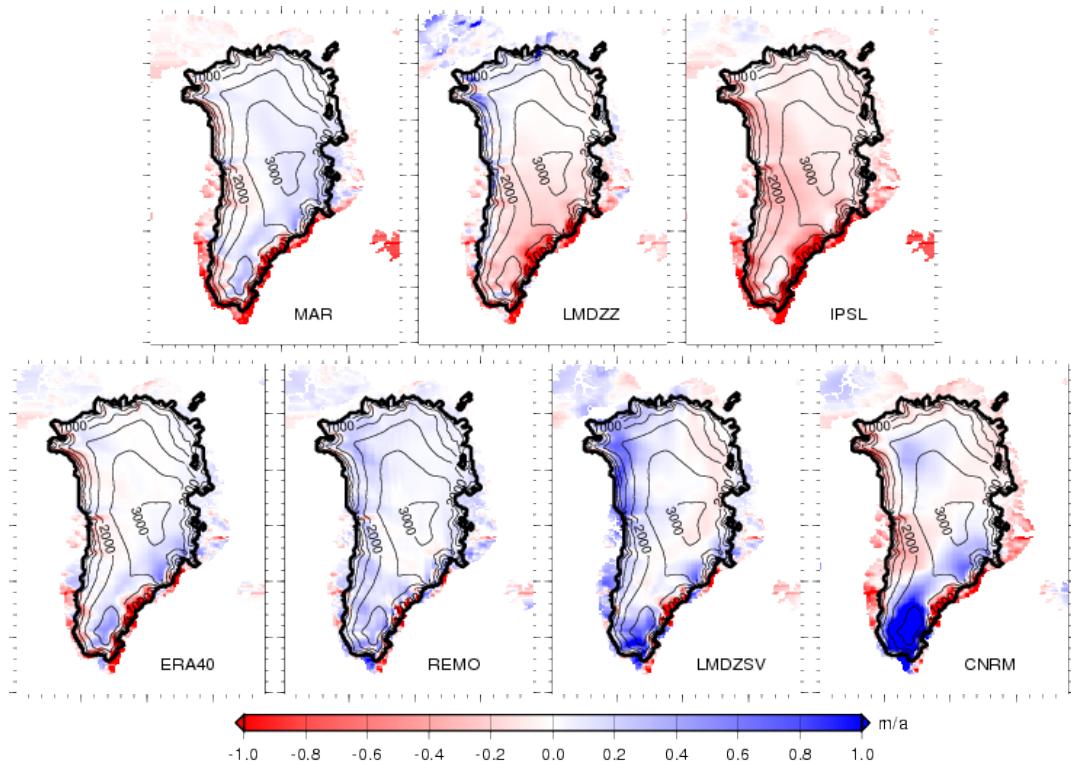
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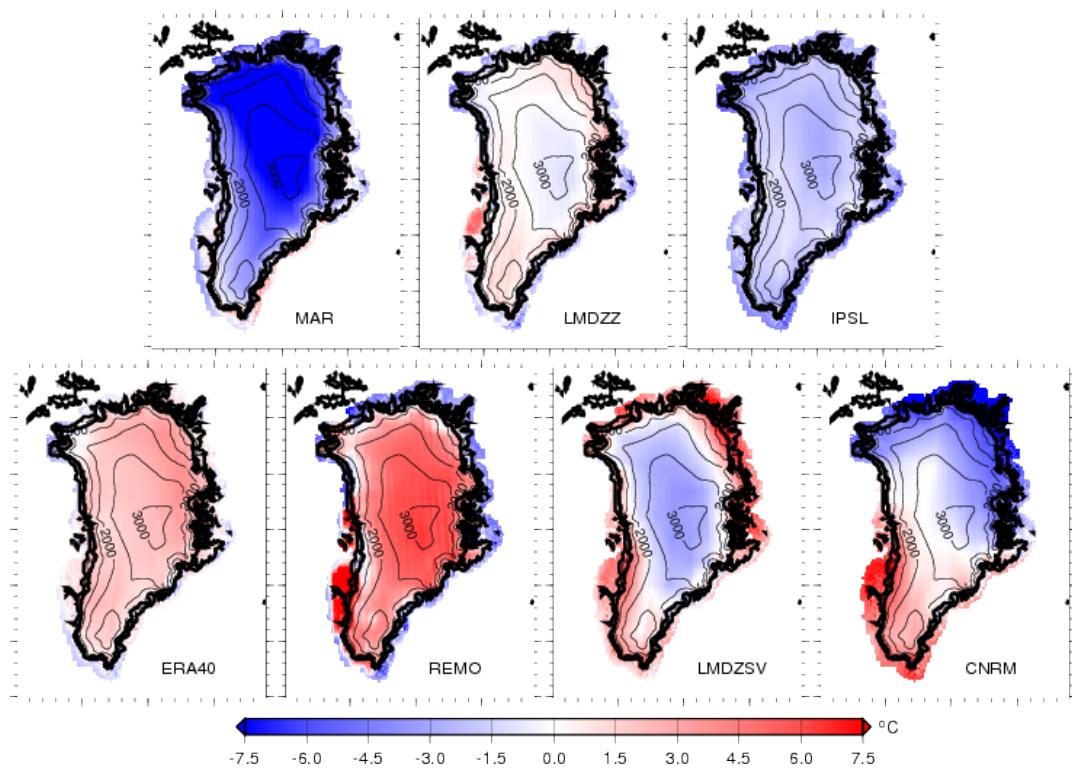
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**Fig. 1.** Differences between simulated topography and observed topography for each individual atmospheric dataset.



**Fig. 2.** Differences between each individual atmospheric dataset and FE09 dataset for the annual precipitation rate (in meter of ice equivalent).



**Fig. 3.** Differences between each individual atmospheric dataset and FE09 dataset for the July near surface air temperature (in  $^{\circ}\text{C}$ ).