



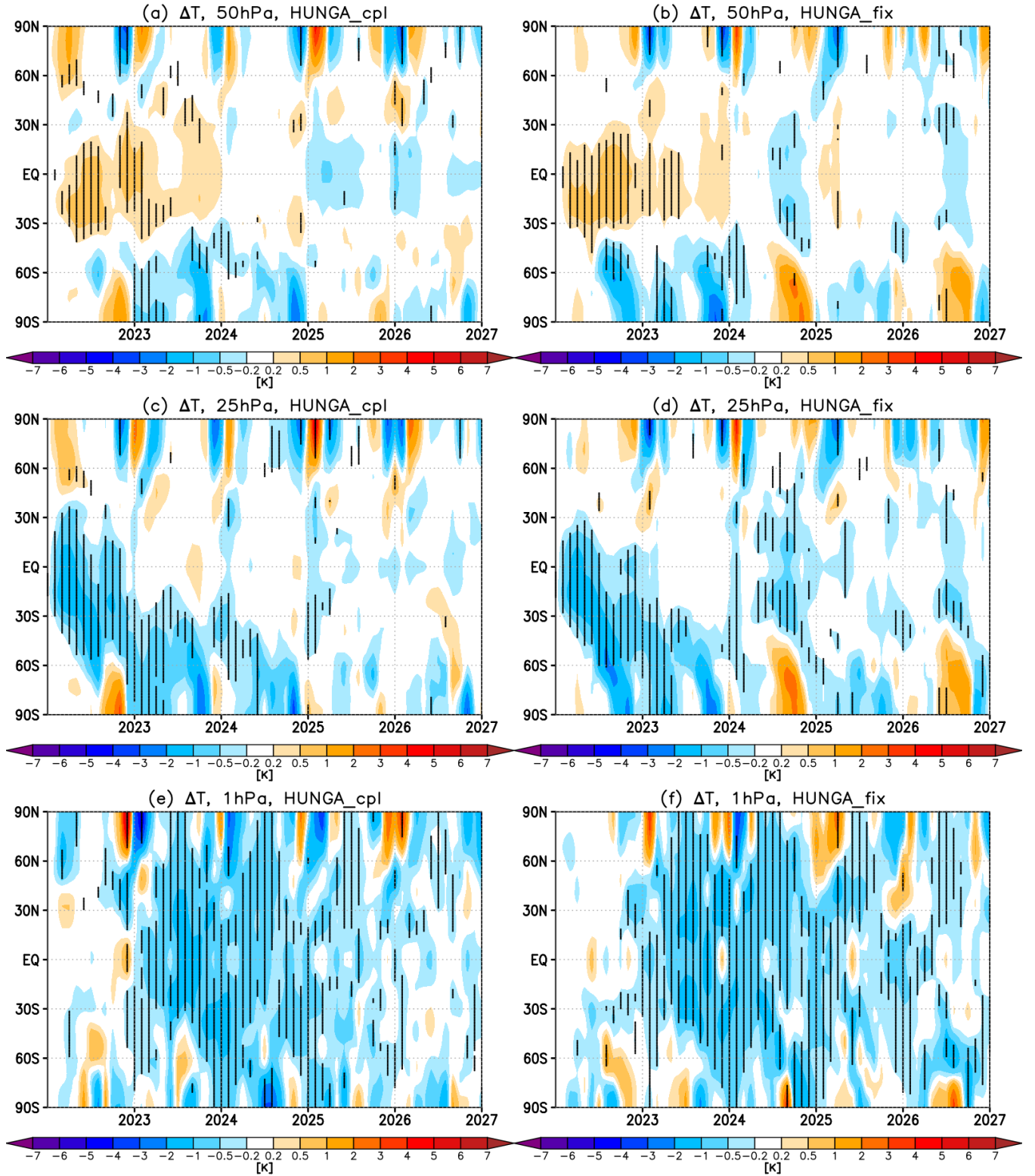
*Supplement of*

## **Indirect climate impacts of the Hunga eruption**

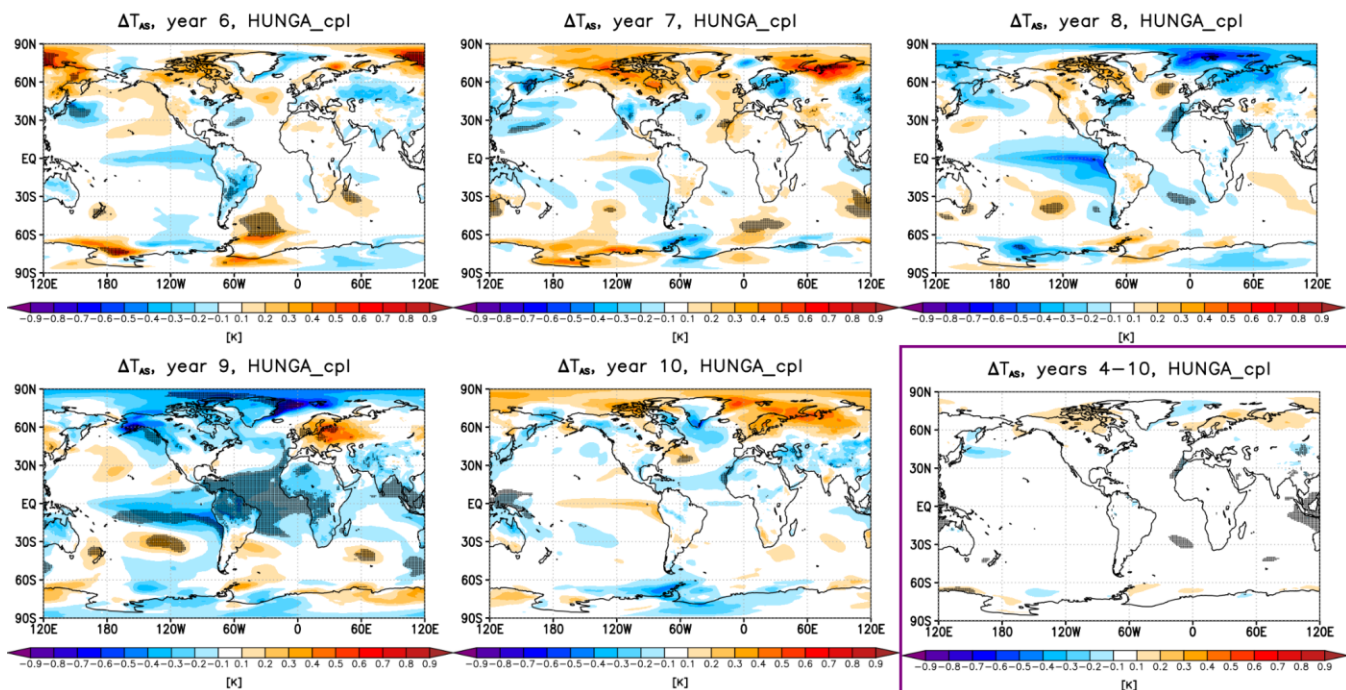
**Ewa M. Bednarz et al.**

*Correspondence to:* Ewa M. Bednarz ([ewa.bednarz@noaa.gov](mailto:ewa.bednarz@noaa.gov))

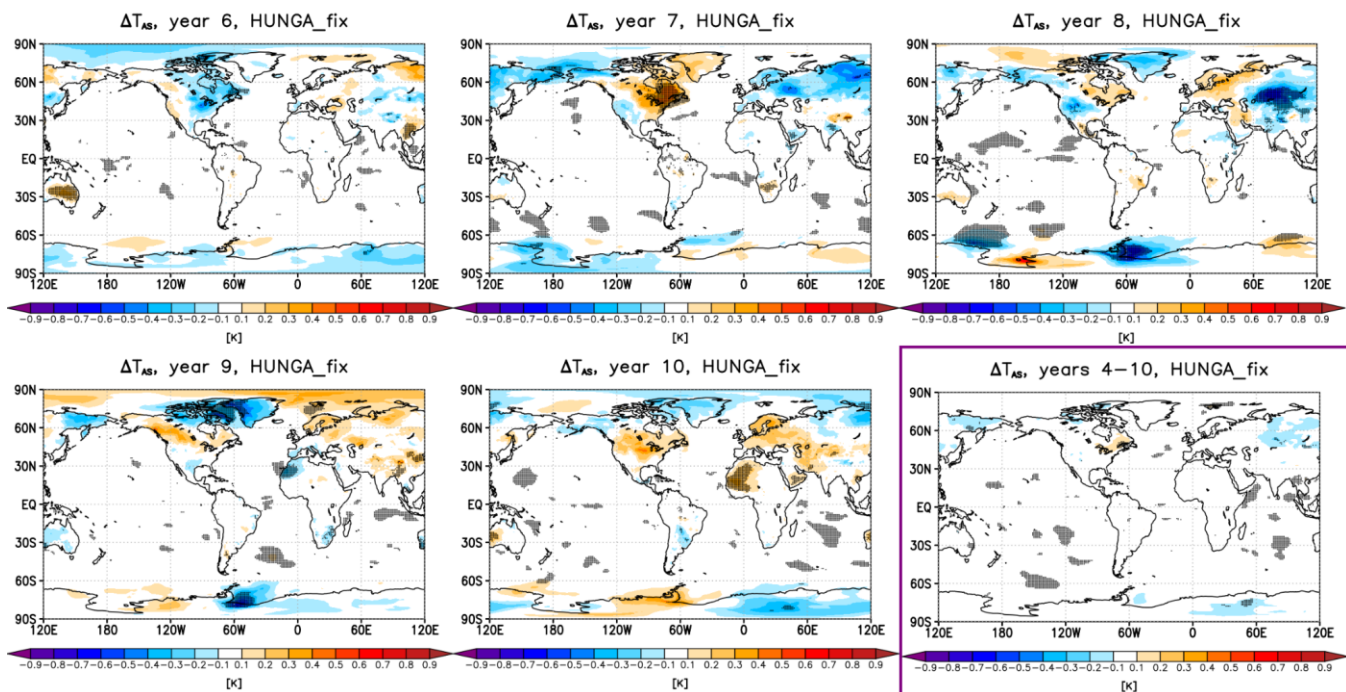
The copyright of individual parts of the supplement might differ from the article licence.



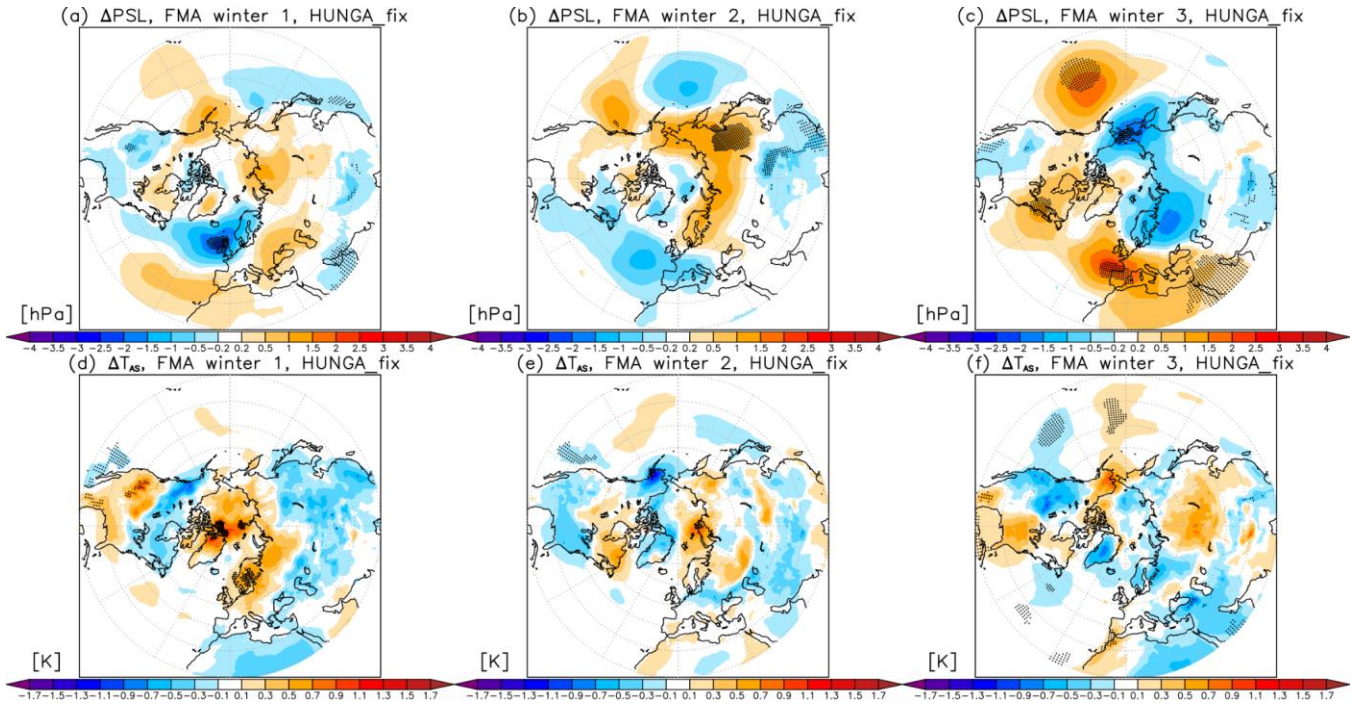
**Figure S1.** Timeseries of zonal mean temperature changes at (a-b) 50 hPa, (c-d) 25 hPa, and (e-f) 1 hPa between the forced simulation and the control for the coupled ocean (left) and atmosphere-only (right) simulations. Stippling denotes statistical significance (as in Fig. 1).



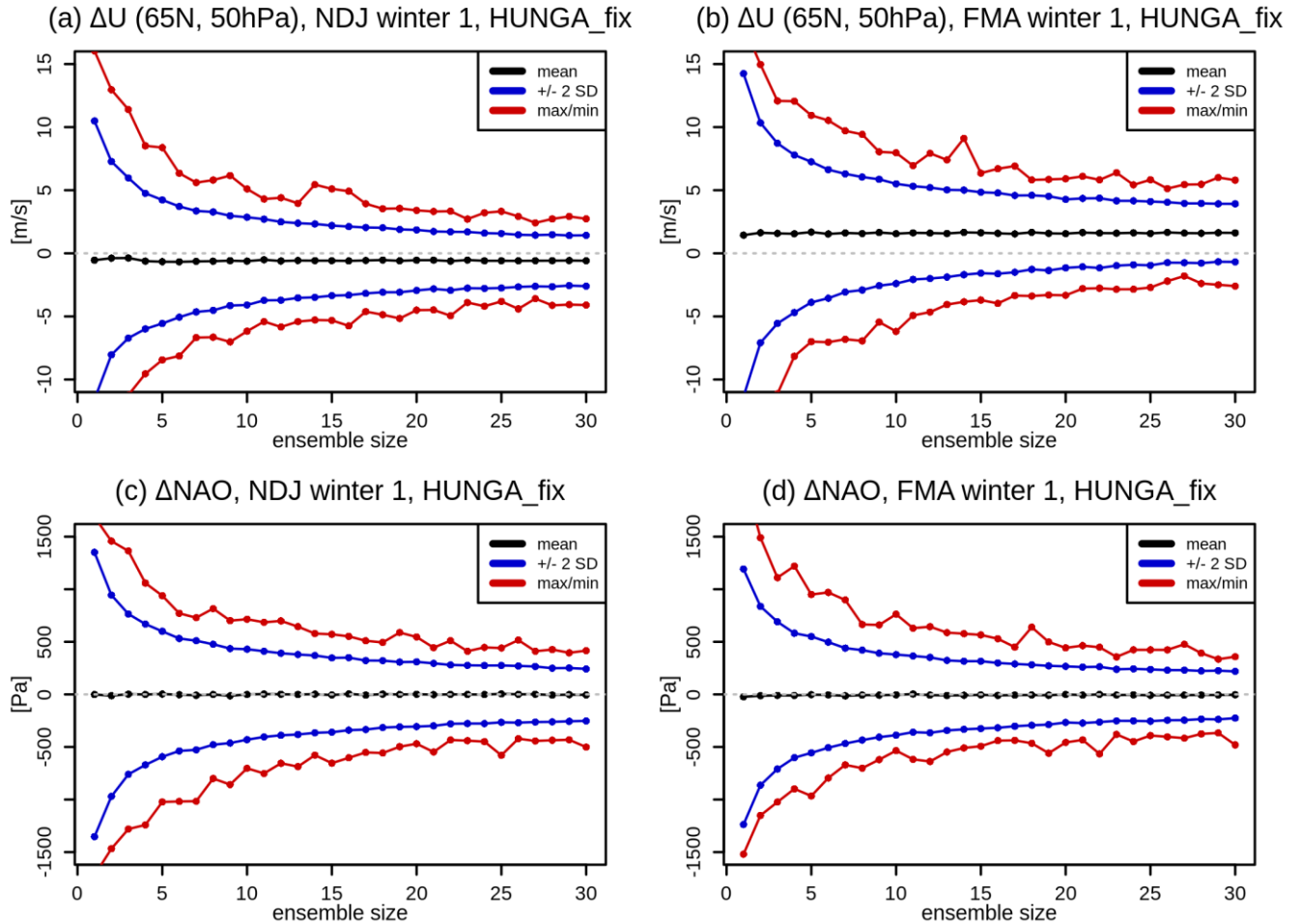
**Figure S2.** As in Fig. 2 of the main paper but for years 6-10.



**Figure S3.** As in Fig. 3 of the main paper but for years 6-10.

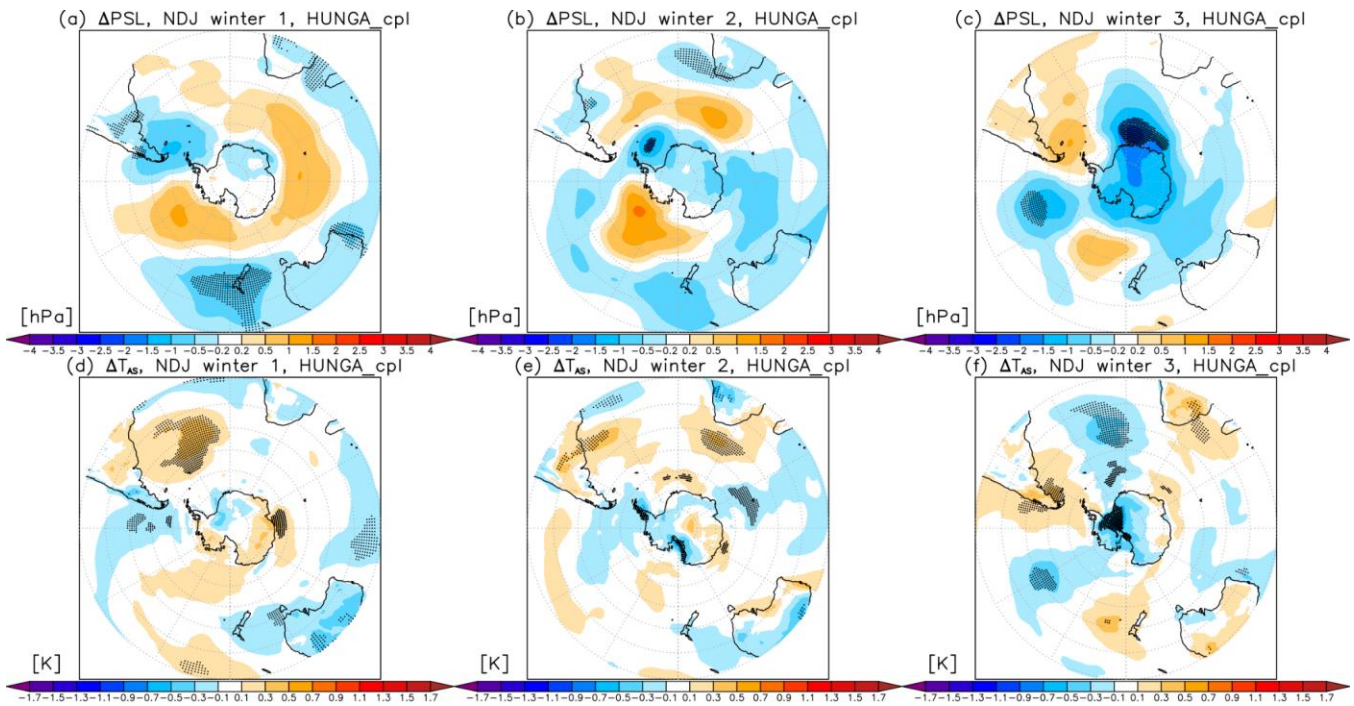


**Figure S4.** As in Fig. 7 of the main paper but for the changes in the atmosphere-only simulations.



**Figure S5.** As in Fig. 9 of the main paper but for the changes in the atmosphere-only simulations.





**Figure S6.** As in Fig. 12 of the main paper but for the changes in the coupled ocean simulations.