



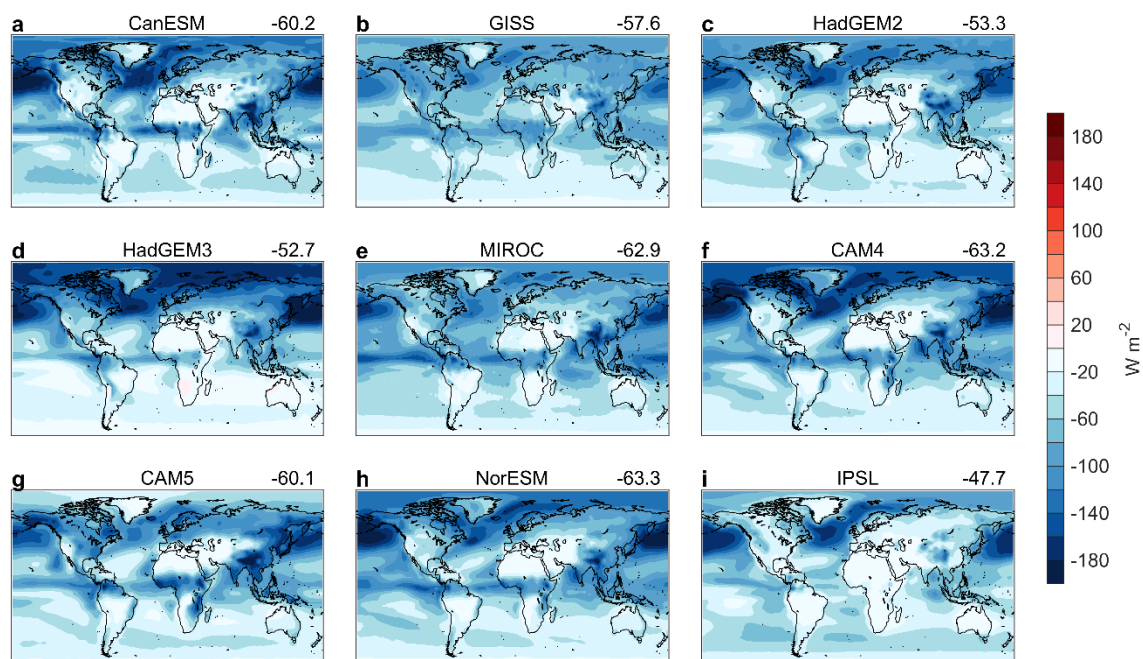
*Supplement of*

**Response of surface shortwave cloud radiative effect to greenhouse gases and aerosols and its impact on summer maximum temperature**

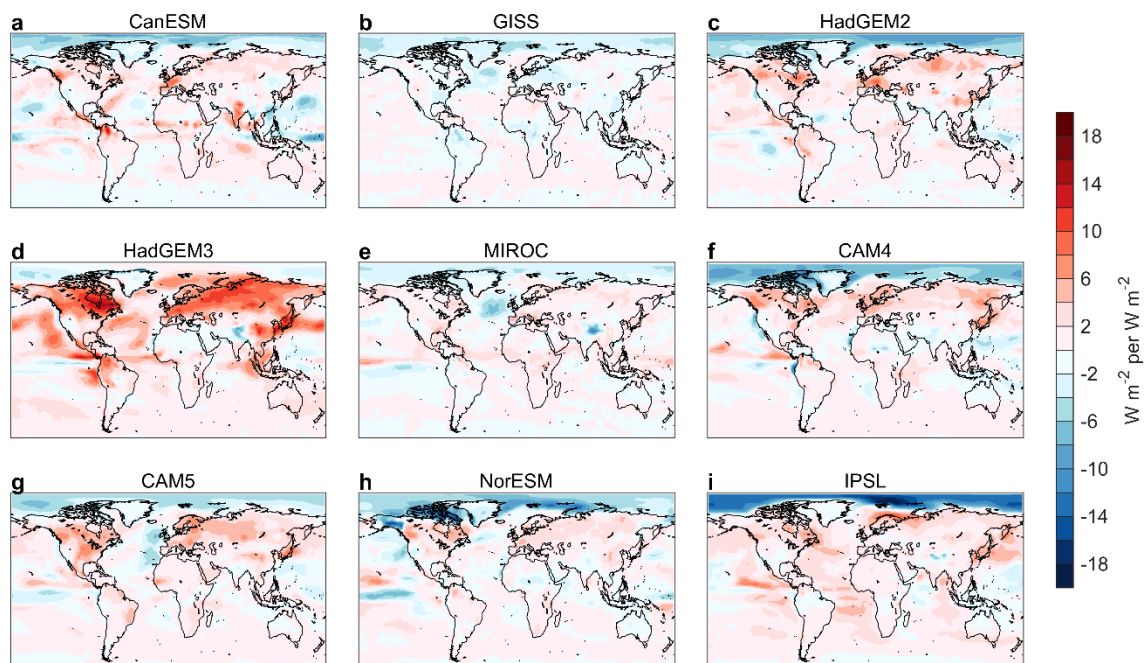
**Tao Tang et al.**

*Correspondence to:* Tao Tang (tao.tang@duke.edu)

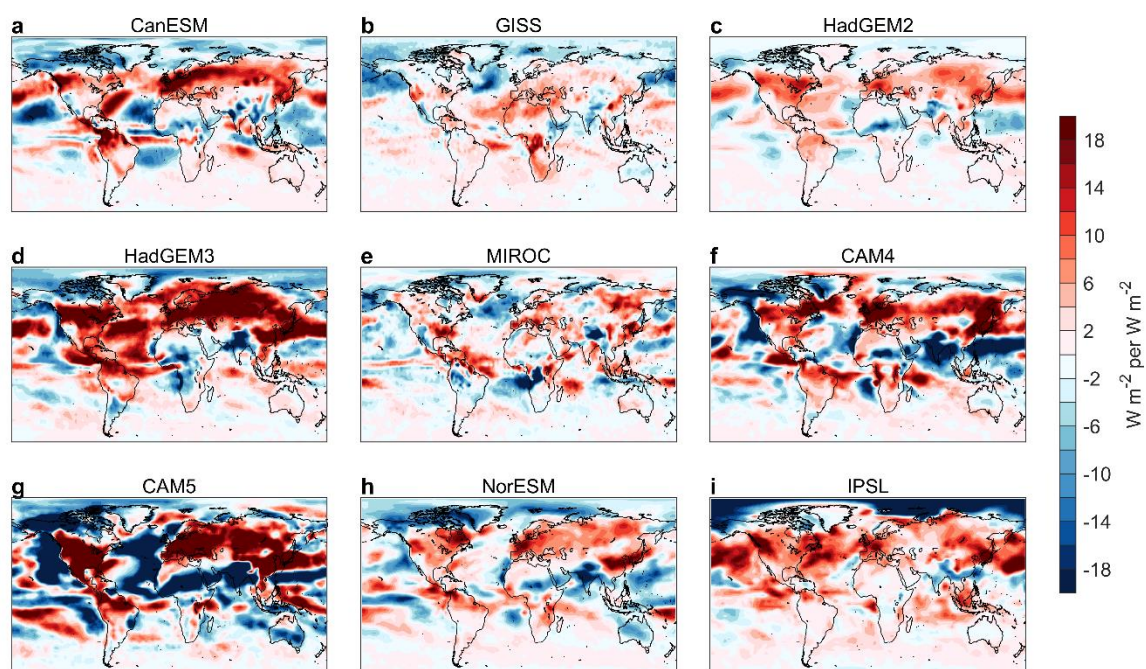
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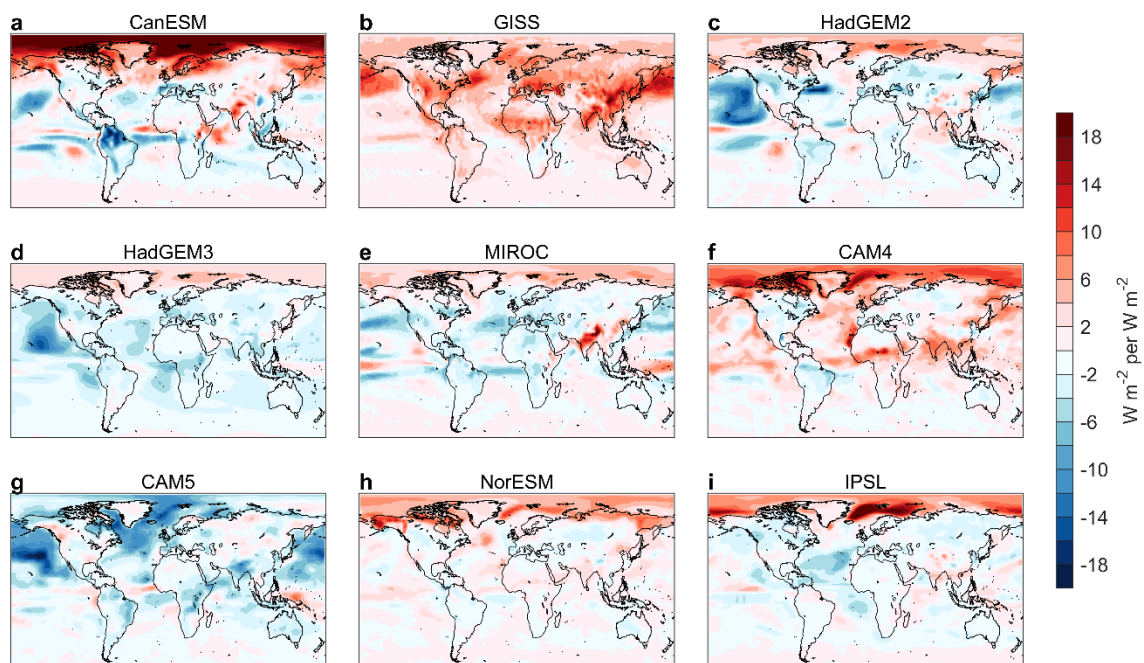
**Figure S1: SWCRE in the base climate for each model. The global mean values are shown in the upper-right corner.**



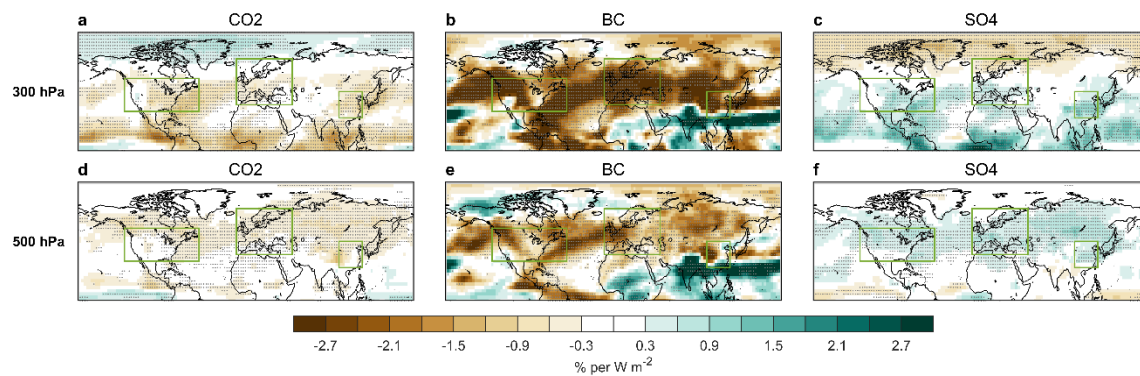
**Figure S2: SWCRE changes per unit forcing by individual models for the CO<sub>2</sub> experiment.**



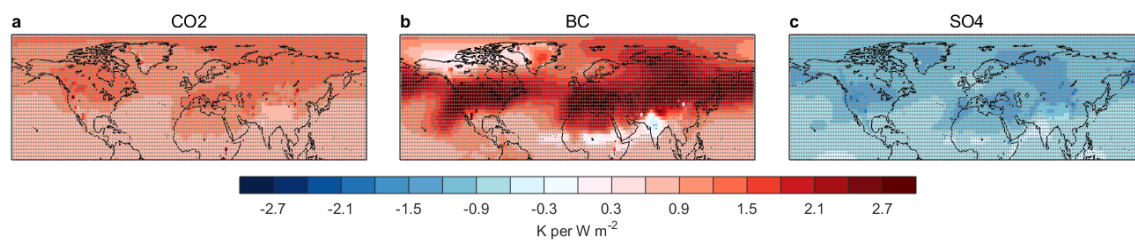
**Figure S3: SWCRE changes per unit forcing by individual models for the BC experiment.**



**Figure S4: SWCRE changes per negative forcing for the sulfate aerosol experiment.**

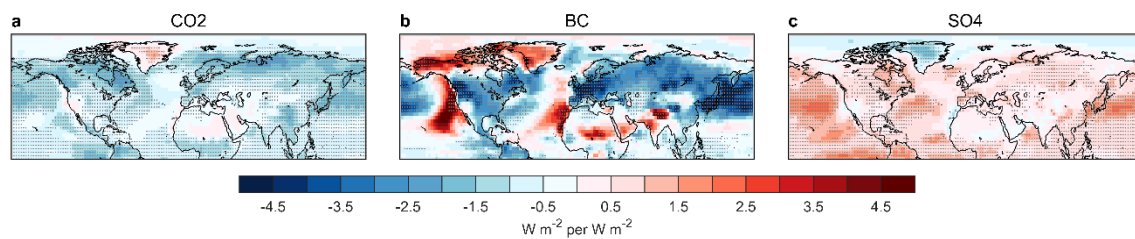


**Figure S5:** same as Fig. 2(d-f) in the main text, but for cloud cover changes at 300 hPa and 500 hPa.



**Figure S6: same as Fig. 2 in the main text, but for temperature at 850 hPa.**





**Figure S7: same as Fig. 2(a-c) in the main text, but for LWCRE.**