

Supplementary figures

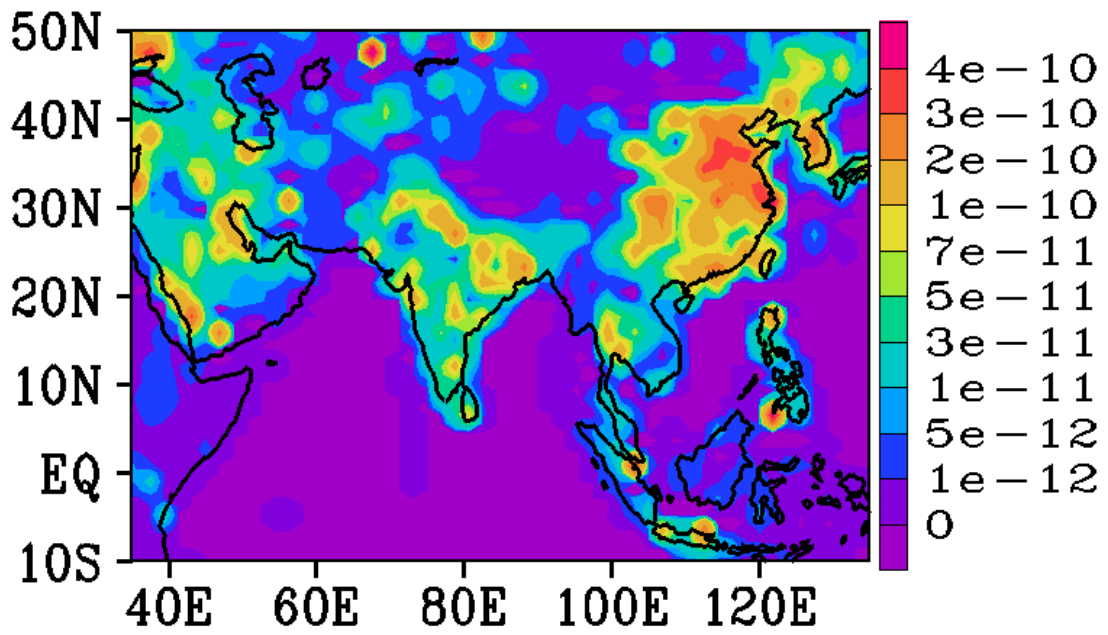


Figure S1. Distribution of SO₂ emission mass flux (kg·m⁻²·s⁻¹) averaged for June–September from AEROCOMM-ACCIM II.

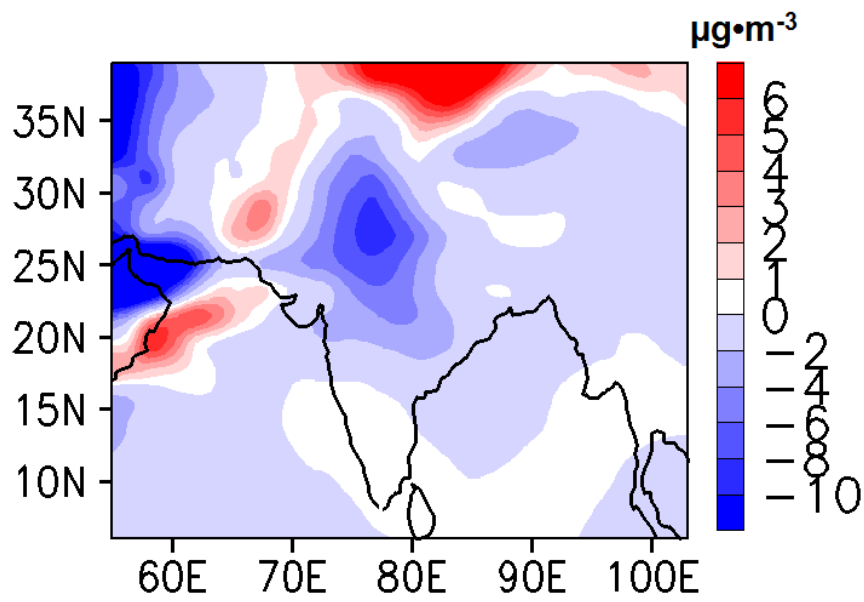


Figure S2: Distribution of anomalies (CTRL-Ind48) averaged for June-September for dust aerosols ($\mu\text{g}\cdot\text{m}^{-3}$) averaged over 1000 - 850 hPa pressure levels.