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Supplement of

Interannual variability and trends of combustion aerosol and dust in major continental outflows revealed by MODIS retrievals and CAM5 simulations during 2003–2017

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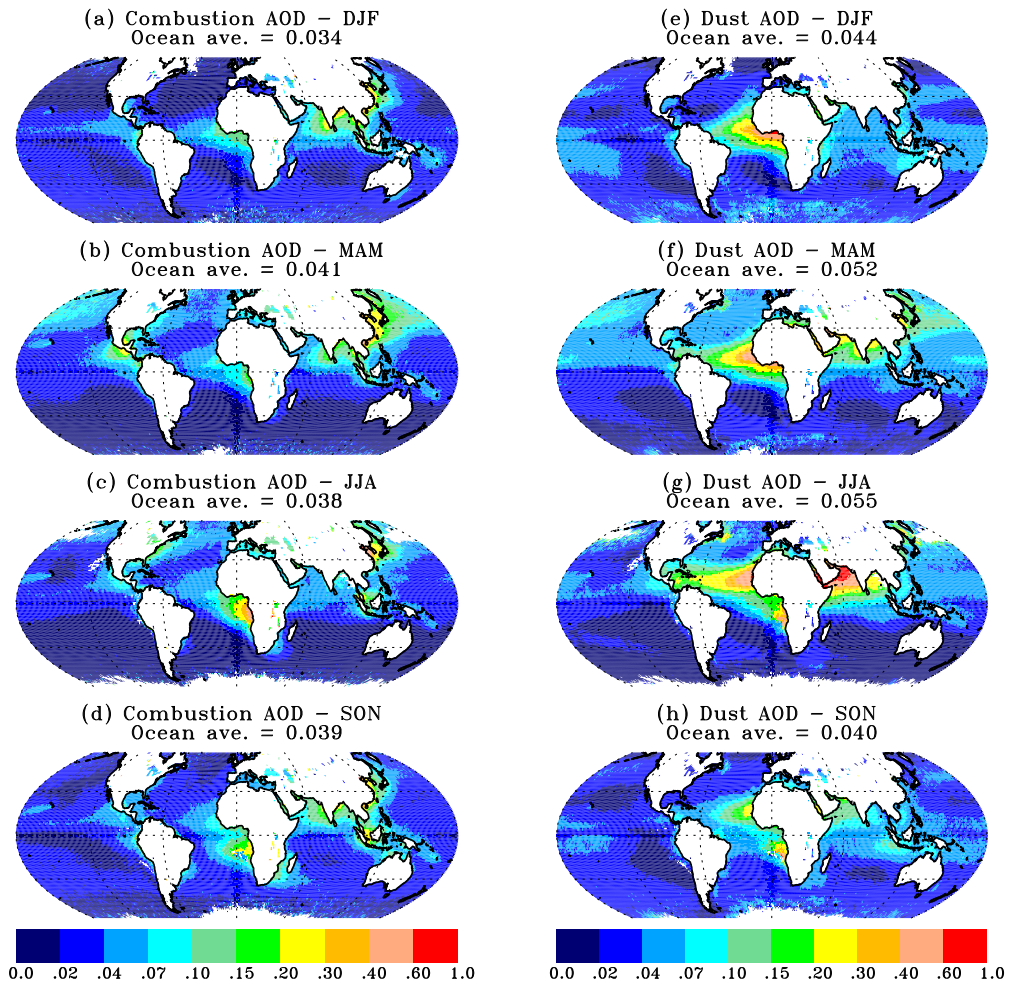


Figure S1: The MODIS/Aqua seasonal mean combustion AOD (τ_c , a - d) and dust AOD (τ_d , e - h) averaged over 2003-2015.

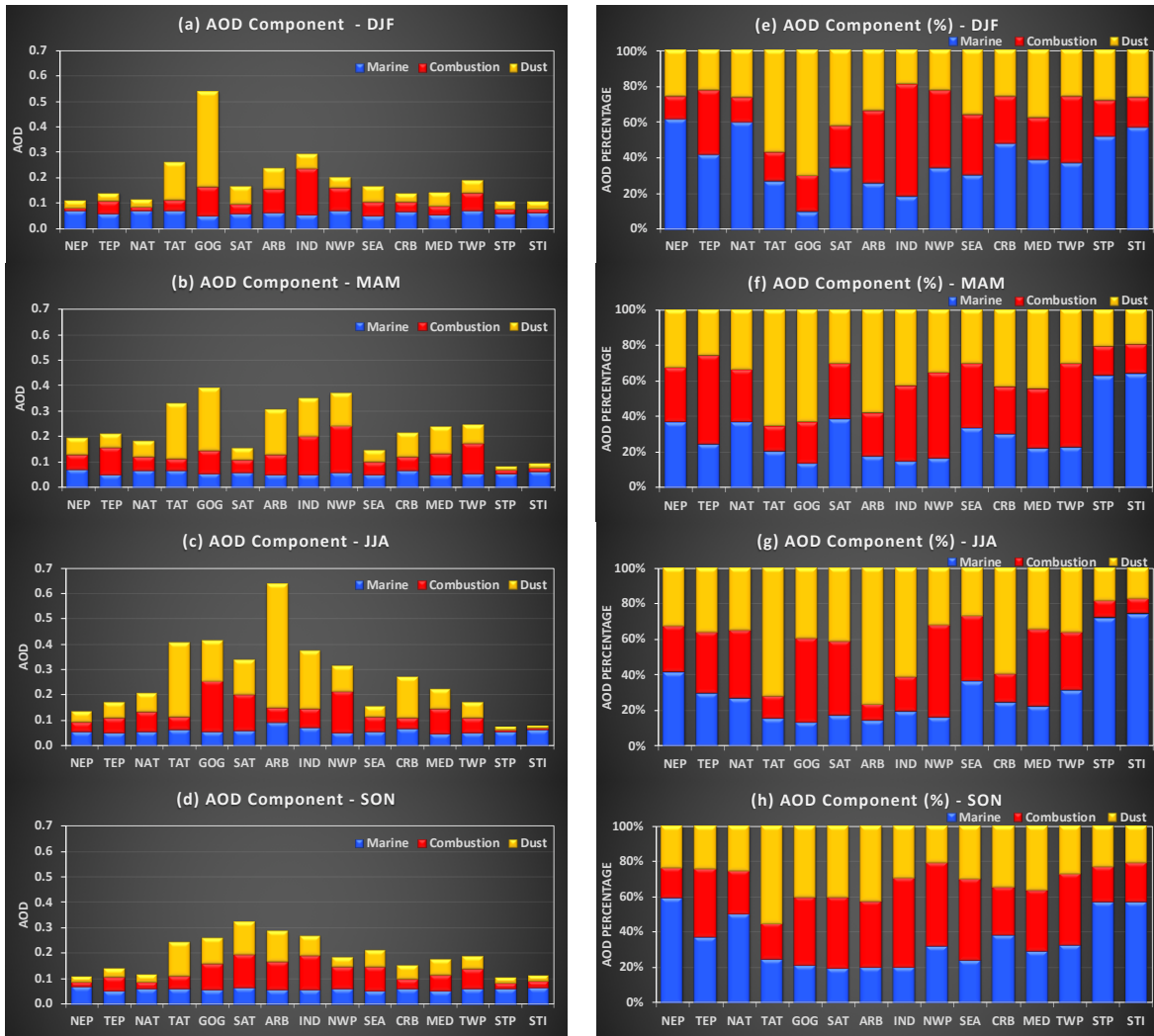


Figure S2: Aerosol component climatology with seasonal distinctions in the 15 regions as derived from 2003-2017 MODIS Aqua observations: (a - d) for magnitude of component AOD, and (e - g) for percentage of component AOD.

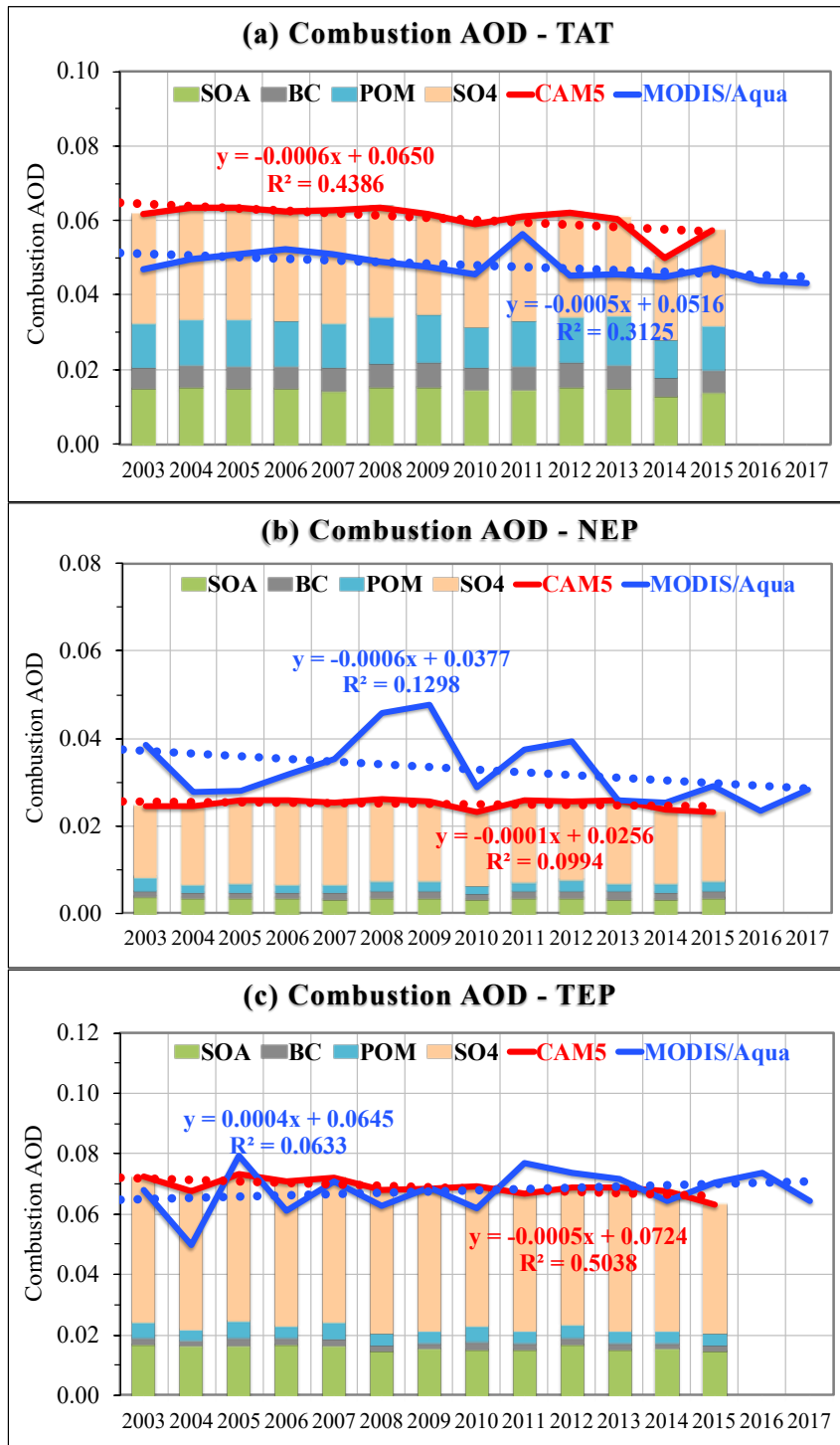


Figure S3: Interannual variability of combustion aerosol optical depth in (a) TAT, (b) NEP, and (c) TEP outflows derived from MODIS/Aqua and CAM5.

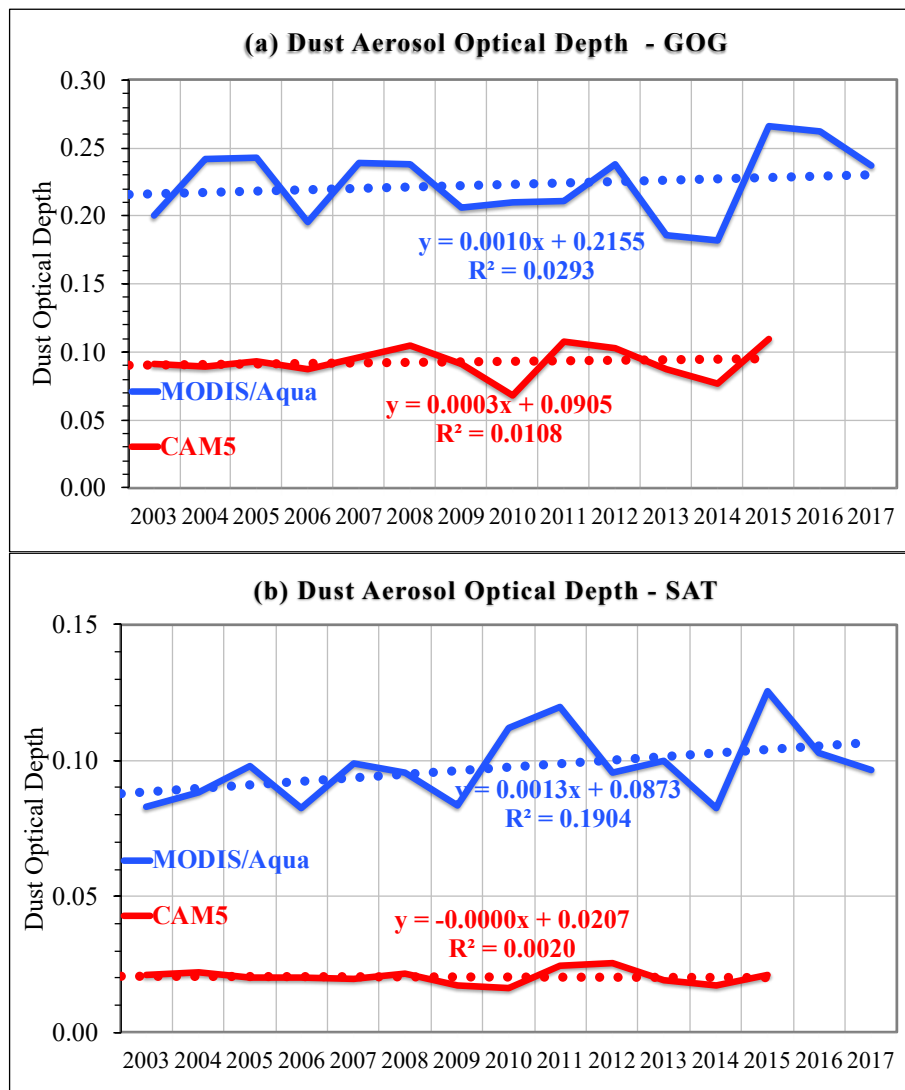


Figure S4: Interannual variability of dust aerosol optical depth in (a) GOG and (b) SAT outflows derived from MODIS/Aqua and CAM5.