



Supplement of

Constraining black carbon aerosol over Southeast Asia using OMI aerosol absorption optical depth and the adjoint of GEOS-Chem

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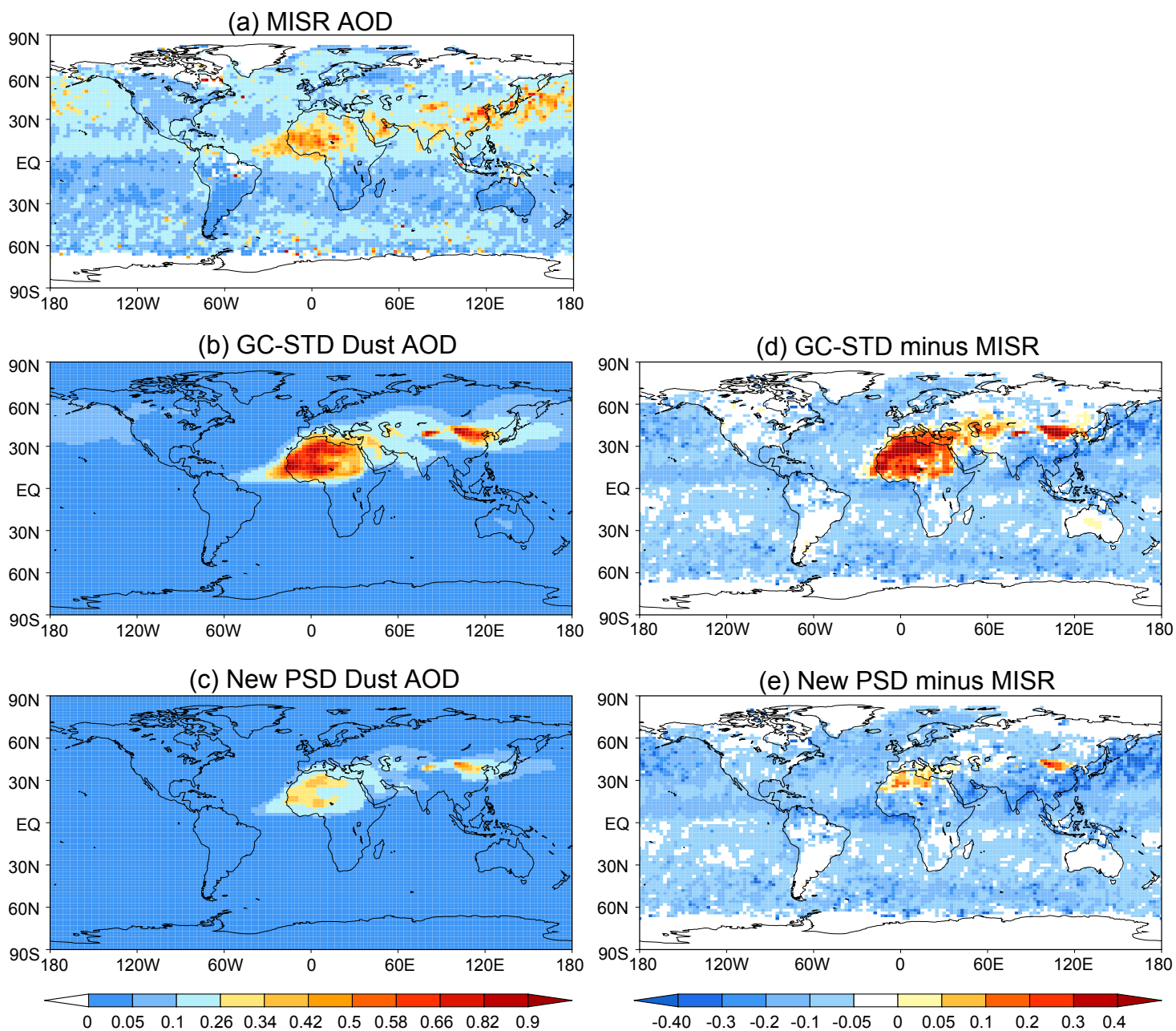


Fig. S1: Comparisons of MISR AOD and GEOS-Chem dust AOD for April 2006.

(a) MISR AOD;

(b) GEOS-Chem dust AOD with standard dust scheme;

(c) GEOS-Chem dust AOD with new PSD scheme;

(d) GEOS-Chem dust AOD with standard dust scheme minus MISR AOD;

(e) GEOS-Chem dust AOD with new PSD scheme minus MISR AOD