

Supplement of

High-resolution modeling the distribution of surface air pollutants and their intercontinental transport by developing a global tropospheric atmospheric chemistry source-receptor model

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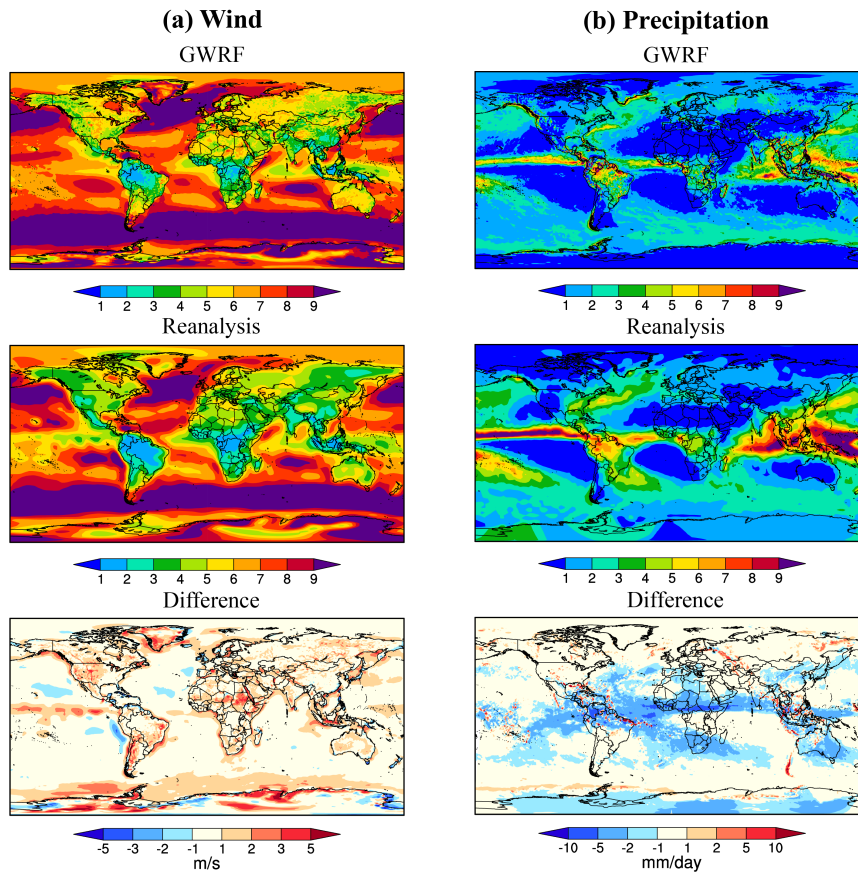


Figure S1. Comparison of annual meteorological fields: (a) wind and (b) daily precipitation.

Table S1. The annual correlation coefficient and normalised mean bias over EA, EUR and NAM in GNAQPMS.

		O ₃	NO ₂	PM _{2.5}	BC	OC	SNA	nss-sulphate	SO ₂
EA	R	0.76	0.89	0.95	0.77		0.59	0.75	0.88
	NMB	2.96%	-25.69%	-3.07%	-52.08%		-36.07%	-40.47%	60.32%
EUR	R	0.82	0.87	0.73	0.89	0.82	0.50	0.37	0.77
	NMB	6.86%	-31.15%	-4.47%	-20.30%	-45.15%	-36.04%	-73.68%	73.25%
NAM	R	0.83	0.56	0.69	0.66	0.69	0.78	0.55	0.53
	NMB	2.29%	2.49%	-4.44%	-49.97%	-50.70%	8.73%	-14.18%	36.37%