



Supplement of

The contribution of fires to PM_{2.5} and population exposure in the Asia Pacific region

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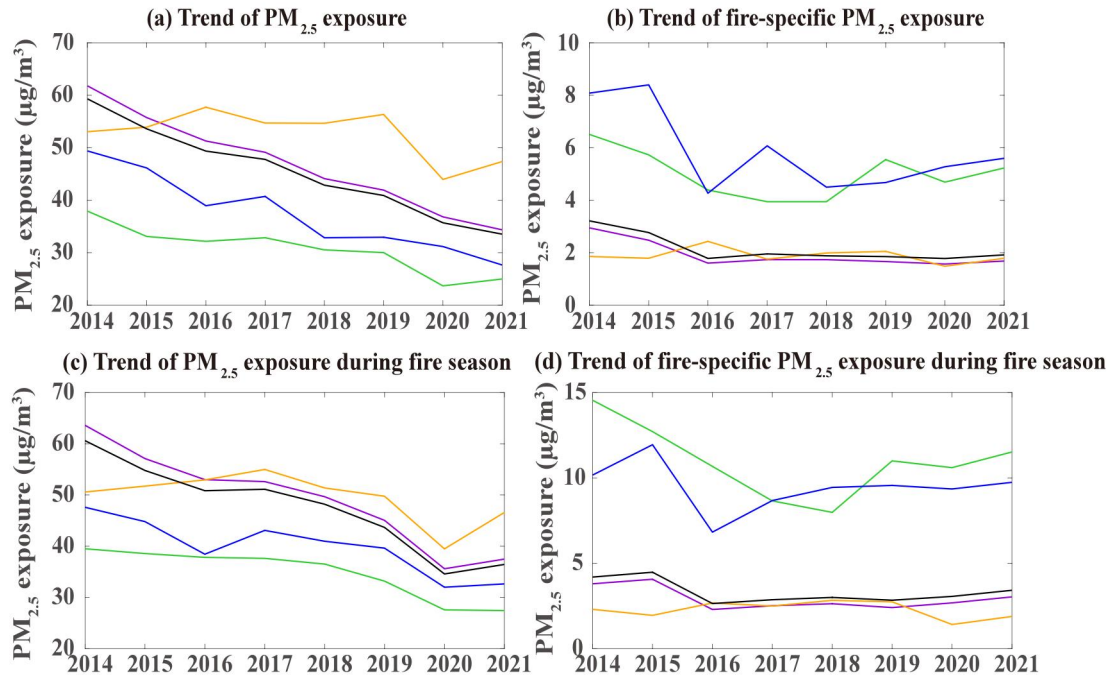


Figure S1. Temporal variations of (a) annual mean $\text{PM}_{2.5}$ exposure and (b) annual mean fire-specific $\text{PM}_{2.5}$ in different regions; (c)(d) similar to (a)(b), but for fire season mean.

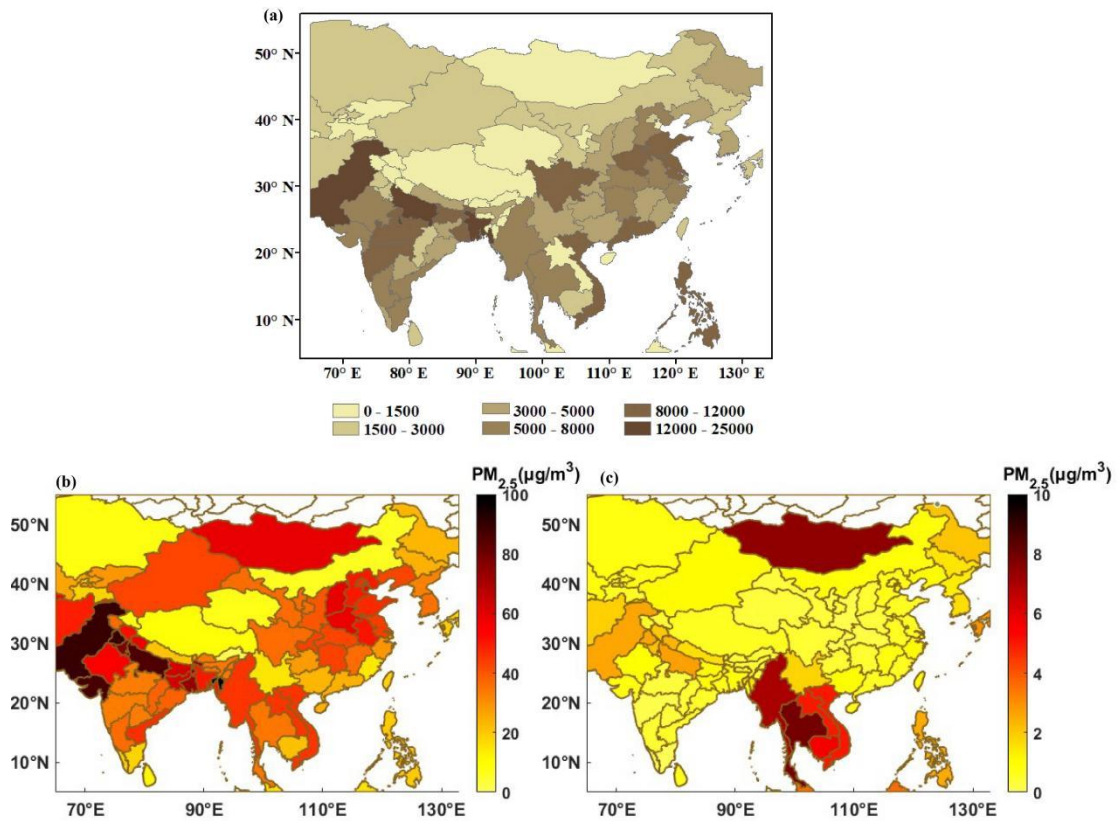


Figure S2. Temporal variations of (a) populations ($\times 10^4$) and (b) annual mean $\text{PM}_{2.5}$ in different regions; (c) annual mean fire-specific $\text{PM}_{2.5}$.

Table S1. Fit parameters for IER model

	a	γ	δ	C_0
IHD_lower	0.86413	0.06125	0.42862	8.98562
IHD	0.843	0.0724	0.544	6.96
IHD_upper	1.20163	0.00945	1.15539	-0.22214
Stroke_lower	1.30747	0.02125	0.49403	10.90225
Stroke	1.01	0.0164	1.14	8.38
Stroke_upper	1.41049	0.02963	1.08168	9.46453
COPD_lower	5.36059	0.00071823	0.85101	7.3557
COPD	18.3	0.000932	0.682	7.17
COPD_upper	75.11769	0.000442871	0.63265	5.8099
LC_lower	19.43275	0.0000852404	1.01558	7.05899
LC	159	0.000119	0.735	7.24
LC_upper	23.40625	0.0017	0.66903	6.55346