

Emissions of air pollutants and greenhouse gases over Asia
Regional Emission inventory in ASia (REAS) version 2

Atmospheric Chemistry and Physics

13, 11019-11058

DOI: [10.5194/acp-13-11019-2013](https://doi.org/10.5194/acp-13-11019-2013)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Seasonal source contributions of tropospheric ozone over East Asia based on CMAQ-HDDM. Atmospheric Environment, 2013, 70, 204-217.	1.9	46
2	Development of a Regional Chemical Transport Model with Size-Resolved Aerosol Microphysics and Its Application on Aerosol Number Concentration Simulation over China. Scientific Online Letters on the Atmosphere, 2014, 10, 83-87.	0.6	11
3	Record Heavy PM _{2.5} ; Air Pollution over China in January 2013: Vertical and Horizontal Dimensions. Scientific Online Letters on the Atmosphere, 2014, 10, 136-140.	0.6	26
4	Decreasing emissions of NO _x relative to CO ₂ in East Asia inferred from satellite observations. Nature Geoscience, 2014, 7, 792-795.	5.4	99
5	Air pollution in Asia. Environmental Pollution, 2014, 195, 233-235.	3.7	32
6	Modeling of black carbon in Asia using a global-to-regional seamless aerosol-transport model. Environmental Pollution, 2014, 195, 330-335.	3.7	13
7	Chemistry and isotopic composition of precipitation and surface waters in Khumbu valley (Nepal) Tj ETQq0 0 0 rgBTJ /Overlock 10 Tf 50 9	3.9	25
8	Pollution patterns in the upper troposphere over Europe and Asia observed by CARIBIC. Atmospheric Environment, 2014, 96, 245-256.	1.9	4
9	Modeling direct and indirect effect of long range transport on atmospheric PM _{2.5} levels. Atmospheric Environment, 2014, 89, 1-9.	1.9	51
10	Seasonal trends, meteorological impacts, and associated health risks with atmospheric concentrations of gaseous pollutants at an Indian coastal city. Environmental Science and Pollution Research, 2014, 21, 11418-11432.	2.7	26
11	Long-term inverse modeling of Chinese CO emission from satellite observations. Environmental Pollution, 2014, 195, 308-318.	3.7	32
12	Investigation of the sources and evolution processes of severe haze pollution in Beijing in January 2013. Journal of Geophysical Research D: Atmospheres, 2014, 119, 4380-4398.	1.2	581
13	Modeling investigation of controlling factors in the increasing ratio of nitrate to non-seasalt sulfate in precipitation over Japan. Atmospheric Environment, 2014, 92, 171-177.	1.9	20
14	Public health and components of particulate matter: The changing assessment of black carbon. Journal of the Air and Waste Management Association, 2014, 64, 620-660.	0.9	217
15	On the vertical distribution of carbon monoxide over Bay of Bengal during winter: Role of water vapour and vertical updrafts. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 117, 31-47.	0.6	16
16	Methyl chloride in the upper troposphere observed by the CARIBIC passenger aircraft observatory: Large-scale distributions and Asian summer monsoon outflow. Journal of Geophysical Research D: Atmospheres, 2014, 119, 5542-5558.	1.2	18
17	Isoprene emissions over Asia 1979-2012: impact of climate and land-use changes. Atmospheric Chemistry and Physics, 2014, 14, 4587-4605.	1.9	114
18	Effect of different emission inventories on modeled ozone and carbon monoxide in Southeast Asia. Atmospheric Chemistry and Physics, 2014, 14, 12983-13012.	1.9	53

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19	Temporal changes in the emissions of CH ₄ and CO from China estimated from CH ₄ / CO ₂ and CO / CO ₂ correlations observed at Hateruma Island. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1663-1677.	1.9	90
20	Regional modeling of tropospheric NO ₂ vertical column density over East Asia during the period 2000–2010: comparison with multisatellite observations. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 3623-3635.	1.9	60
21	Mapping Asian anthropogenic emissions of non-methane volatile organic compounds to multiple chemical mechanisms. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 5617-5638.	1.9	292
22	Emission trends and mitigation options for air pollutants in East Asia. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 6571-6603.	1.9	269
23	A global 3-D CTM evaluation of black carbon in the Tibetan Plateau. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 7091-7112.	1.9	48
24	On the wintertime low bias of Northern Hemisphere carbon monoxide found in global model simulations. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9295-9316.	1.9	101
25	Temporal and spatial distribution of tropospheric NO ₂ over Northeast Asia using OMI data during the years 2005–2010. <i>Atmospheric Pollution Research</i> , 2015, 6, 768-776.	1.8	15
26	Russian anthropogenic black carbon: Emission reconstruction and Arctic black carbon simulation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 11,306.	1.2	78
27	Sulfur dioxide vertical column DOAS retrievals from the Ozone Monitoring Instrument: Global observations and comparison to ground-based and satellite data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2470-2491.	1.2	79
28	Comprehensive study of emission source contributions for tropospheric ozone formation over East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 331-358.	1.2	37
29	Analysis of a decade of Asian outflow of PM ₁₀ and TSP to Gosan, Korea; also incorporating Radon-222. <i>Atmospheric Pollution Research</i> , 2015, 6, 529-539.	1.8	9
30	Long-term variations in PM _{2.5} emission from open biomass burning in Northeast Asia derived from satellite-derived data for 2000–2013. <i>Atmospheric Environment</i> , 2015, 107, 342-350.	1.9	12
31	A model validation study of the washout/rainout contribution of sulfate and nitrate in wet deposition compared with precipitation chemistry data in Japan. <i>Atmospheric Environment</i> , 2015, 117, 124-134.	1.9	35
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34	A comparison study between CMAQ-simulated and OMI-retrieved NO ₂ columns over East Asia for evaluation of NO _x emission fluxes of INTEX-B, CAPSS, and REAS inventories. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 1913-1938.	1.9	48
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36	Tropospheric ozone and its precursors from the urban to the global scale from air quality to short-lived climate forcer. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 8889-8973.	1.9	942

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38	Examining the major contributors of ozone pollution in a rural area of the Yangtze River Delta region during harvest season. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 6101-6111.	1.9	35
39	Patterns in atmospheric carbonaceous aerosols in China: emission estimates and observed concentrations. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 8657-8678.	1.9	36
40	Long-lived atmospheric trace gases measurements in flask samples from three stations in India. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 9819-9849.	1.9	47
41	Correlation slopes of GEM / CO, GEM / CO ₂ , and GEM / CH ₄ and estimated mercury emissions in China, South Asia, the Indochinese Peninsula, and Central Asia derived from observations in northwestern and southwestern China. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 1013-1028.	1.9	30
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44	Decadal trends in global CO emissions as seen by MOPITT. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 13433-13451.	1.9	69
45	How consistent are top-down hydrocarbon emissions based on formaldehyde observations from GOME-2 and OMI?. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 11861-11884.	1.9	77
46	Diurnal, seasonal and long-term variations of global formaldehyde columns inferred from combined OMI and GOME-2 observations. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 12519-12545.	1.9	157
47	Advantages of a city-scale emission inventory for urban air quality research and policy: the case of Nanjing, a typical industrial city in the Yangtze River Delta, China. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 12623-12644.	1.9	52
48	Seasonal changes in the tropospheric carbon monoxide profile over the remote Southern Hemisphere evaluated using multi-model simulations and aircraft observations. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3217-3239.	1.9	14
49	Air pollution co-benefits of low carbon policies in road transport: a sub-national assessment for India. <i>Environmental Research Letters</i> , 2015, 10, 085006.	2.2	35
50	Rising critical emission of air pollutants from renewable biomass based cogeneration from the sugar industry in India. <i>Environmental Research Letters</i> , 2015, 10, 095002.	2.2	19
51	Exceedances of air quality standard level of PM _{2.5} in Japan caused by Siberian wildfires. <i>Environmental Research Letters</i> , 2015, 10, 105001.	2.2	34
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57	Evaporative emissions in three-day diurnal breathing loss tests on passenger cars for the Japanese market. <i>Atmospheric Environment</i> , 2015, 107, 166-173.	1.9	29
58	Indoor air pollution from burning yak dung as a household fuel in Tibet. <i>Atmospheric Environment</i> , 2015, 102, 406-412.	1.9	77
59	Assessment of the biospheric contribution to surface atmospheric CO ₂ concentrations over East Asia with a regional chemical transport model. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 287-300.	1.9	17
60	Composition and Distribution of Organic Carbon in River Sediments: a Case Study of Two Northern Chinese Rivers. <i>Polish Journal of Environmental Studies</i> , 2015, 24, 969-975.	0.6	4
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63	Use of Satellite Observations for Long-Term Exposure Assessment of Global Concentrations of Fine Particulate Matter. <i>Environmental Health Perspectives</i> , 2015, 123, 135-143.	2.8	703
64	Modeling study of a severe aerosol pollution event in December 2013 over Shanghai China: An application of chemical data assimilation. <i>Particuology</i> , 2015, 20, 41-51.	2.0	16
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67	Air Quality and Climate Connections. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 645-685.	0.9	322
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69	Formation of Urban Fine Particulate Matter. <i>Chemical Reviews</i> , 2015, 115, 3803-3855.	23.0	988
70	Response of Global Particulate-Matter-Related Mortality to Changes in Local Precursor Emissions. <i>Environmental Science & Technology</i> , 2015, 49, 4335-4344.	4.6	100
71	Modeling dry and wet deposition of sulfate, nitrate, and ammonium ions in Jiuzhaigou National Nature Reserve, China using a source-oriented CMAQ model: Part II. Emission sector and source region contributions. <i>Science of the Total Environment</i> , 2015, 532, 840-848.	3.9	10
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90	Analysis of Organic Aerosol in Fukuoka, Japan Using a PMF Method. <i>Aerosol and Air Quality Research</i> , 2016, 16, 314-322.	0.9	18
91	Process Contributions to Secondary Inorganic Aerosols during Typical Pollution Episodes over the Pearl River Delta Region, China. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2129-2144.	0.9	16
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100	Substantial Underestimation of Post-Harvest Burning Emissions in the North China Plain Revealed by Multi-Species Space Observations. <i>Scientific Reports</i> , 2016, 6, 32307.	1.6	49
101	Impact of aerosols on regional climate in southern and northern China during strong/weak East Asian summer monsoon years. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4069-4081.	1.2	26
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115	Health and climate impacts of ocean-going vessels in East Asia. <i>Nature Climate Change</i> , 2016, 6, 1037-1041.	8.1	272
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122	High-resolution ammonia emissions inventories in China from 1980 to 2012. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 2043-2058.	1.9	281

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124	One-year simulation of ozone and particulate matter in China using WRF/CMAQ modeling system. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10333-10350.	1.9	258
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132	Interpreting space-based trends in carbon monoxide with multiple models. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7285-7294.	1.9	31
133	HCOOH distributions from IASI for 2008–2014: comparison with ground-based FTIR measurements and a global chemistry-transport model. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8963-8981.	1.9	13
134	Polarization properties of aerosol particles over western Japan: classification, seasonal variation, and implications for air quality. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 9863-9873.	1.9	21
135	Importance of coarse-mode nitrate produced via sea salt as atmospheric input to East Asian oceans. <i>Geophysical Research Letters</i> , 2016, 43, 5483-5491.	1.5	31
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142	Seasonal and Diurnal Air Pollution from Residential Cooking and Space Heating in the Eastern Tibetan Plateau. <i>Environmental Science & Technology</i> , 2016, 50, 8353-8361.	4.6	65
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145	Estimating nitrogen oxides emissions at city scale in China with a nightlight remote sensing model. <i>Science of the Total Environment</i> , 2016, 544, 1119-1127.	3.9	22
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148	Spatiotemporal patterns of remotely sensed PM 2.5 concentration in China from 1999 to 2011. <i>Remote Sensing of Environment</i> , 2016, 174, 109-121.	4.6	251
149	Major ions and trace elements of two selected rivers near Everest region, southern Himalayas, Nepal. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	61
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154	Impacts of power generation on air quality in Chinaâ€™”Part II: Future scenarios. <i>Resources, Conservation and Recycling</i> , 2017, 121, 115-127.	5.3	34
155	Development of an on-line source-tagged model for sulfate, nitrate and ammonium: A modeling study for highly polluted periods in Shanghai, China. <i>Environmental Pollution</i> , 2017, 221, 168-179.	3.7	37
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157	PM2.5 in the Yangtze River Delta, China: Chemical compositions, seasonal variations, and regional pollution events. <i>Environmental Pollution</i> , 2017, 223, 200-212.	3.7	236
158	Burden of Disease from Rising Coal-Fired Power Plant Emissions in Southeast Asia. <i>Environmental Science & Technology</i> , 2017, 51, 1467-1476.	4.6	122

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160	Historical variation in black carbon deposition and sources to Northern China sediments. <i>Chemosphere</i> , 2017, 172, 242-248.	4.2	20
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