Characterizing the Spatial and Temporal Patterns of Op Waste (MSW) in Indian Cities

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Citation Report

#	Article	IF	CITATIONS
1	Municipal solid waste and dung cake burning: discoloring the Taj Mahal and human health impacts in Agra. Environmental Research Letters, 2016, 11, 104009.	5.2	26
2	Exploring social and infrastructural factors affecting open burning of municipal solid waste (MSW) in Indian cities: A comparative case study of three neighborhoods of Delhi. Waste Management and Research, 2016, 34, 1164-1172.	3.9	17
3	Air pollution trends over Indian megacities and their local-to-global implications. Atmospheric Environment, 2016, 142, 475-495.	4.1	265
4	Treatment technologies for urban solid biowaste to create value products: a review with focus on low- and middle-income settings. Reviews in Environmental Science and Biotechnology, 2017, 16, 81-130.	8.1	189
5	The influence of odd–even car trial on fine and coarse particles in Delhi. Environmental Pollution, 2017, 225, 20-30.	7.5	97
6	Atmospheric emissions of typical toxic heavy metals from open burning of municipal solid waste in China. Atmospheric Environment, 2017, 152, 6-15.	4.1	72
7	What Is the Contribution of City-Scale Actions to the Overall Food System's Environmental Impacts?: Assessing Water, Greenhouse Gas, and Land Impacts of Future Urban Food Scenarios. Environmental Science & Environmental	10.0	32
8	Characterization of PM2.5 in Delhi: role and impact of secondary aerosol, burning of biomass, and municipal solid waste and crustal matter. Environmental Science and Pollution Research, 2017, 24, 25179-25189.	5.3	58
9	A review of the airborne and waterborne emissions from uncontrolled solid waste disposal sites. Critical Reviews in Environmental Science and Technology, 2017, 47, 1003-1041.	12.8	16
10	Uncontrolled burning of solid waste by households in Mexico is a significant contributor to climate change in the country. Environmental Research, 2018, 163, 280-288.	7.5	41
11	South Asian Perspective: A Case of Urban Air Pollution and Potential for Climate Co-benefits in India. Exploring Urban Change in South Asia, 2018, , 77-98.	1.0	6
12	Environmental Toxicological Studies with Reference to Increasing Asthma Cases in Rural and Urban India. SpringerBriefs in Environmental Science, 2018, , 85-95.	0.3	O
13	Premature mortality attributable to PM2.5 exposure and future policy roadmap for â€~airpocalypse' affected Asian megacities. Chemical Engineering Research and Design, 2018, 118, 371-383.	5.6	31
14	Estimating emissions from open burning of municipal solid waste in municipalities of Nepal. Waste Management, 2018, 79, 481-490.	7.4	52
15	Economic analysis and life cycle impact assessment of municipal solid waste (MSW) disposal: A case study of Mumbai, India. Waste Management and Research, 2018, 36, 1177-1189.	3.9	26
16	Volatile organic compound measurements point to fog-induced biomass burning feedback to air quality in the megacity of Delhi. Science of the Total Environment, 2019, 689, 295-304.	8.0	27
17	Gridded Emissions of CO, NO _{<i>x</i>} , SO ₂ , CO ₂ , NH ₃ , HCl, CH ₄ , PM _{2.5} , PM ₁₀ , BC, and NMVOC from Open Municipal Waste Burning in India. Environmental Science & Samp; Technology, 2019, 53, 4765-4774.	10.0	71
18	Source apportionment of volatile organic compounds in the northwest Indo-Gangetic Plain using a positive matrix factorization model. Atmospheric Chemistry and Physics, 2019, 19, 15467-15482.	4.9	40

#	ARTICLE	IF	CITATIONS
19	Assessment of quantity and composition of illegal dumped municipal solid waste (MSW) in Delhi. Resources, Conservation and Recycling, 2019, 141, 54-60.	10.8	49
20	Emission from open burning of municipal solid waste in India. Environmental Technology (United) Tj ETQq1 1 0.7	84314 rgl	BT JQverlock
21	Four-year assessment of ambient particulate matter and trace gases in the Delhi-NCR region of India. Sustainable Cities and Society, 2020, 54, 102003.	10.4	105
22	Does environmental infrastructure investment contribute to emissions reduction? A case of China. Frontiers in Energy, 2020, 14, 57-70.	2.3	20
23	Chemical characterization of PM2.5 and source apportionment of organic aerosol in New Delhi, India. Science of the Total Environment, 2020, 745, 140924.	8.0	60
24	A framework for PM2.5 constituents-based (including PAHs) emission inventory and source toxicity for priority controls: A case study of Delhi, India. Chemosphere, 2020, 255, 126971.	8.2	12
25	An exploratory evaluation of the potential pulmonary, neurological and other health effects of chronic exposure to emissions from municipal solid waste fires at a large dumpsite in Olusosun, Lagos, Nigeria. Environmental Science and Pollution Research, 2020, 27, 30885-30892.	5. 3	14
26	Understanding the emission pattern and source contribution of hazardous air pollutants from open burning of municipal solid waste in China. Environmental Pollution, 2020, 263, 114417.	7.5	39
27	Garbage Burning in South Asia: How Important Is It to Regional Air Quality?. Environmental Science & E	10.0	30
28	Comparing urban food system characteristics and actions in US and Indian cities from a multiâ€environmental impact perspective: Toward a streamlined approach. Journal of Industrial Ecology, 2020, 24, 841-854.	5.5	12
29	Exceedances and trends of particulate matter (PM2.5) in five Indian megacities. Science of the Total Environment, 2021, 750, 141461.	8.0	91
30	Seasonal changes in bulk density-based waste identification and its dominant controlling subcomponents in food waste. Resources, Conservation and Recycling, 2021, 168, 105244.	10.8	6
32	Transformative top-down planning in a small African city: How residents in Bagamoyo, Tanzania connect with a city in motion. Environment and Planning C: Politics and Space, 2021, 39, 336-353.	1.9	5
33	Toward sustainable solid waste management – challenges and opportunities. , 2021, , 67-103.		6
34	A Mini Review of Technological Options for Disposal of Municipal Solid Waste in India. Current Environmental Management, 2021, 7, 2-12.	0.7	0
35	Mismanagement of Plastic Waste through Open Burning with Emphasis on the Global South: A Systematic Review of Risks to Occupational and Public Health. Environmental Science & Eamp; Technology, 2021, 55, 7186-7207.	10.0	85
36	Air pollution, waste management and livelihoods: Patterns of cooking fuel use among waste picker households in Delhi. Geographical Review, 0, , .	1.8	2
37	Environmental impact of COVID-19 led lockdown: A satellite data-based assessment of air quality in Indian megacities. Urban Climate, 2021, 38, 100900.	5.7	19

#	ARTICLE	IF	CITATIONS
38	Seasonal analysis of submicron aerosol in Old Delhi using high-resolution aerosol mass spectrometry: chemical characterisation, source apportionment and new marker identification. Atmospheric Chemistry and Physics, 2021, 21, 10133-10158.	4.9	15
39	Chemical source profiles of fine particles for five different sources in Delhi. Chemosphere, 2021, 274, 129913.	8.2	25
40	Incorporating political-feasibility concerns into the assessment of India's clean-air policies. One Earth, 2021, 4, 1163-1174.	6.8	10
41	Emission estimates and inventories of non-methane volatile organic compounds from anthropogenic burning sources in India. Atmospheric Environment: X, 2021, 11, 100115.	1.4	6
42	Life cycle assessment of plastic waste end-of-life for India and Indonesia. Resources, Conservation and Recycling, 2021, 174, 105774.	10.8	50
43	Underreporting and open burning – the two largest challenges for sustainable waste management in India. Resources, Conservation and Recycling, 2021, 175, 105865.	10.8	21
44	Atmospheric chemistry in Asia: Need of integrated approach., 2022,, 55-74.		1
45	A global anthropogenic emission inventory of atmospheric pollutants from sector- and fuel-specific sources (1970–2017): an application of the Community Emissions Data System (CEDS). Earth System Science Data, 2020, 12, 3413-3442.	9.9	209
46	Air Pollution Episode Analysis and Qualitative Evaluation of Proposed Control Measures in Delhi City. Springer Transactions in Civil and Environmental Engineering, 2021, , 225-237.	0.4	1
47	Eco-efficiency Tool for Urban Solid Waste Management System: A Case Study of Mumbai, India. Lecture Notes in Civil Engineering, 2021, , 263-270.	0.4	0
48	Factors influencing household-level positive and negative solid waste management practices in rapidly urbanizing cities: insights from Santa Cruz de la Sierra, Bolivia. Environmental Research: Infrastructure and Sustainability, 2022, 2, 015002.	2.3	0
49	Source apportionment of the atmospheric Pb using a simulation-based inversion model: A case study from India uncovers bituminous road as the prime contributor of petroleum-derived Pb. Applied Geochemistry, 2022, 136, 105164.	3.0	1
50	Activity and emission inventory of open waste burning at the household level in developing countries: a case study of Semarang City. Journal of Material Cycles and Waste Management, 2022, 24, 1194-1204.	3.0	5
51	Characterization and Risk Assessment of Airborne Polycyclic Aromatic Hydrocarbons From Open Burning of Municipal Solid Waste. Frontiers in Environmental Science, 2022, 10, .	3.3	7
52	Measurement report: Interpretation of wide-range particulate matter size distributions in Delhi. Atmospheric Chemistry and Physics, 2022, 22, 5415-5433.	4.9	7
53	A comprehensive review of domestic-open waste burning: recent trends, methodology comparison, and factors assessment. Journal of Material Cycles and Waste Management, 2022, 24, 1633-1647.	3.0	27
54	Compilation of a city-scale black carbon emission inventory: Challenges in developing countries based on a case study in Brazil. Science of the Total Environment, 2022, 839, 156332.	8.0	8
55	A Pilot Study to Quantify Volatile Organic Compounds and Their Sources Inside and Outside Homes in Urban India in Summer and Winter during Normal Daily Activities. Environments - MDPI, 2022, 9, 75.	3.3	4

#	ARTICLE	IF	Citations
56	Assessment of variation in air quality over Delhi and neighbouring cities of Noida and Greater Noida. Journal of Earth System Science, 2022, 131, .	1.3	3
57	Estimation of real-time brown carbon absorption: An observationally constrained Mie theory-based optimization method. Journal of Aerosol Science, 2022, 166, 106047.	3.8	2
58	Socially-differentiated urban metabolism methodology informs equity in coupled carbon-air pollution mitigation strategies: Insights from three Indian cities. Environmental Research Letters, 0, , .	5.2	1
59	Worldwide Scaling of Waste Generation in Urban Systems. SSRN Electronic Journal, 0, , .	0.4	0
60	Open Burning Application to Municipal Solid Waste: Quantification Methods, Emission Inventories, and Uncertainty Delineations., 2022,, 685-695.		1
61	Particle Size Distribution from Municipal Solid Waste Burning over National Capital Territory, India. , 0, , .		1
62	Compositional Constraints are Vital for Atmospheric PM _{2.5} Source Attribution over India. ACS Earth and Space Chemistry, 2022, 6, 2432-2445.	2.7	2
63	Future emissions of greenhouse gases, particulate matter and volatile organic compounds from municipal solid waste burning in India. Science of the Total Environment, 2023, 858, 159708.	8.0	8
64	Contributions of primary sources to submicron organic aerosols in Delhi, India. Atmospheric Chemistry and Physics, 2022, 22, 13631-13657.	4.9	2
65	A hybrid method to quantify household urban agriculture gardening: Implications for sustainable and equitable food action planning. Frontiers in Sustainable Food Systems, 0, 6, .	3.9	0
66	On the use of household expenditure surveys to monitor mismanaged plastic waste from food packaging in low- and middle-income countries. Environmental Research Letters, 2022, 17, 124029.	5.2	0
67	Detecting local and regional air pollution from biomass burning at a suburban site. Atmospheric Environment, 2023, , 119591.	4.1	2
68	Driving factors behind the continuous increase of long-term PM2.5-attributable health burden in India using the high-resolution global datasets from 2001 to 2020. Science of the Total Environment, 2023, 866, 161435.	8.0	5
69	Quantifications and predictions of sectoral pollutants emissions in Nigeria from 1980 to 2050. Environmental Monitoring and Assessment, 2023, 195, .	2.7	2
70	What Is Polluting Delhi's Air? A Review from 1990 to 2022. Sustainability, 2023, 15, 4209.	3.2	4
71	Air quality changes in Delhi due to open waste burning: an accidental fire in Bhalswa landfill. International Journal of Environmental Science and Technology, 2024, 21, 655-664.	3.5	3
72	Dispersion of PM and VOC pollutants from open burning of municipal solid wastes on host communities: emission inventory estimation and dispersion modelling study. Environmental Science Atmospheres, 0, , .	2.4	0
73	On the potential of Google Street View for environmental waste quantification in urban Africa: An assessment of bias in spatial coverage. Sustainable Environment, 2023, 9, .	2.4	0

#	Article	IF	CITATIONS
74	Source apportionment of volatile organic compounds during paddy-residue burning season in north-west India reveals large pool of photochemically formed air toxics. Environmental Pollution, 2023, 338, 122656.	7.5	0
75	Toward Zero-Carbon Urban Transitions with Health, Climate Resilience, and Equity Co-Benefits: Assessing Nexus Linkages. Annual Review of Environment and Resources, 2023, 48, 81-121.	13.4	0
76	Unveiling the Surge: Exploring Elevated Air Pollution Amidst the COVID-19 Era (2019–2020) through Spatial Dynamics and Temporal Analysis in Delhi. Water, Air, and Soil Pollution, 2023, 234, .	2.4	0
77	Chemically speciated air pollutant emissions from open burning of household solid waste from South Africa. Atmospheric Chemistry and Physics, 2023, 23, 15375-15393.	4.9	O
78	Response of trace elements in urban deposition to emissions in a northwestern river valley type city: $2010 \hat{a} \in 2021$. Science of the Total Environment, 2023, , 169547.	8.0	0
79	Worldwide scaling of waste generation in urban systems. , 2024, 1, 126-135.		1
80	A critical review of managing air pollution through airshed approach. , 2024, 9, 100090.		0