

Biomass Burning Smoke Climatology of the United States Matter Air Quality

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Quantifying O ₃ Impacts in Urban Areas Due to Wildfires Using a Generalized Additive Model. <i>Environmental Science & Technology</i> , 2017, 51, 13216-13223.	10.0	64
2	Source apportionment of fine particulate matter in Houston, Texas: insights to secondary organic aerosols. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15601-15622.	4.9	34
3	Comparison of Measurement-Based Methodologies to Apportion Secondary Organic Carbon (SOC) in PM _{2.5} : A Review of Recent Studies. <i>Atmosphere</i> , 2018, 9, 452.	2.3	37
5	Investigation of high ozone events due to wildfire smoke in an urban area. <i>Atmospheric Environment</i> , 2018, 194, 146-157.	4.1	62
6	A New Picture of Fire Extent, Variability, and Drought Interaction in Prescribed Fire Landscapes: Insights From Florida Government Records. <i>Geophysical Research Letters</i> , 2018, 45, 7874-7884.	4.0	49
7	Transport of Central American Fire Emissions to the U.S. Gulf Coast: Climatological Pathways and Impacts on Ozone and PM _{2.5} . <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 8344-8361.	3.3	14
8	US particulate matter air quality improves except in wildfire-prone areas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7901-7906.	7.1	258
9	Influence of uncertainties in burned area estimates on modeled wildland fire PM _{2.5} and ozone pollution in the contiguous U.S.. <i>Atmospheric Environment</i> , 2018, 191, 328-339.	4.1	35
10	Mapping Modeled Exposure of Wildland Fire Smoke for Human Health Studies in California. <i>Atmosphere</i> , 2019, 10, 308.	2.3	23
11	Relationships between Particulate Matter, Ozone, and Nitrogen Oxides during Urban Smoke Events in the Western US. <i>Environmental Science & Technology</i> , 2019, 53, 12519-12528.	10.0	64
12	Wildfire smoke exposure under climate change. <i>Current Opinion in Pulmonary Medicine</i> , 2019, 25, 179-187.	2.6	85
13	Wildfires, Global Climate Change, and Human Health. <i>New England Journal of Medicine</i> , 2020, 383, 2173-2181.	27.0	279
14	Thirty years of the Clean Air Act Amendments: Impacts on haze in remote regions of the United States (1990–2018). <i>Atmospheric Environment</i> , 2020, 243, 117865.	4.1	21
15	Impact of wildfire on particulate matter in the southeastern United States in November 2016. <i>Science of the Total Environment</i> , 2020, 724, 138354.	8.0	17
16	The impacts of transported wildfire smoke aerosols on surface air quality in New York State: A case study in summer 2018. <i>Atmospheric Environment</i> , 2020, 227, 117415.	4.1	23
17	Environmental Particulate Matter Levels during 2017 Large Forest Fires and Megafires in the Center Region of Portugal: A Public Health Concern?. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1032.	2.6	32
18	Wildfire and prescribed burning impacts on air quality in the United States. <i>Journal of the Air and Waste Management Association</i> , 2020, 70, 583-615.	1.9	180
19	Spatial patterns in summertime surface ozone in the Southern Front Range of the U.S. Rocky Mountains. <i>Elementa</i> , 2021, 9, .	3.2	3

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20	The contribution of wildland fire emissions to deposition in the U S: implications for tree growth and survival in the Northwest. <i>Environmental Research Letters</i> , 2021, 16, 024028.	5.2	11
21	Lofting and Circumnavigation of Biomass Burning Aerosols and Carbon Monoxide from a North American Wildfire in October 2020. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 331-339.	2.7	2
22	Could the exception become the rule? “Uncontrollable” air pollution events in the U.S. due to wildland fires. <i>Environmental Research Letters</i> , 0, , .	5.2	10
23	Characterization of intra-continental smoke transport and impact on New York State air quality using aerosol reanalysis and multi-platform observations. <i>Atmospheric Pollution Research</i> , 2021, 12, 154-166.	3.8	4
25	Daily and Hourly Surface PM _{2.5} Estimation From Satellite AOD. <i>Earth and Space Science</i> , 2021, 8, e2020EA001599.	2.6	21
26	Expanding number of Western US urban centers face declining summertime air quality due to enhanced wildland fire activity. <i>Environmental Research Letters</i> , 2021, 16, 054036.	5.2	11
27	Wildfire Smoke Is Associated With an Increased Risk of Cardiorespiratory Emergency Department Visits in Alaska. <i>GeoHealth</i> , 2021, 5, e2020GH000349.	4.0	18
28	Mapping Wetland Burned Area from Sentinel-2 across the Southeastern United States and Its Contributions Relative to Landsat-8 (2016–2019). <i>Fire</i> , 2021, 4, 52.	2.8	16
29	Estimated Mortality and Morbidity Attributable to Smoke Plumes in the United States: Not Just a Western US Problem. <i>GeoHealth</i> , 2021, 5, e2021GH000457.	4.0	55
30	Biomass Burning Over the United States East Coast and Western North Atlantic Ocean: Implications for Clouds and Air Quality. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034916.	3.3	10
33	Uncertainty in Health Impact Assessments of Smoke From a Wildfire Event. <i>GeoHealth</i> , 2022, 6, e2021GH000526.	4.0	11
34	Estimating Future Residential Property Risk Associated with Wildfires in Louisiana, U.S.A.. <i>Climate</i> , 2022, 10, 49.	2.8	1
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37	The Effects of Coexposure to Extremes of Heat and Particulate Air Pollution on Mortality in California: Implications for Climate Change. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1117-1127.	5.6	26
38	NO _x and O ₃ Trends at U.S. Non-Attainment Areas for 1995–2020: Influence of COVID-19 Reductions and Wildland Fires on Policy-Relevant Concentrations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	13
39	Outside in: the relationship between indoor and outdoor particulate air quality during wildfire smoke events in western US cities. , 2023, 1, 015003.		11
40	Wildfire plumes in the Western US are reaching greater heights and injecting more aerosols aloft as wildfire activity intensifies. <i>Scientific Reports</i> , 2022, 12, .	3.3	14

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42	Fire Behavior and Heat Release as Source Conditions for Smoke Modeling. , 2022, , 51-81.		1
43	Technical note: Use of PM _{2.5} to CO ratio as an indicator of wildfire smoke in urban areas. Atmospheric Chemistry and Physics, 2022, 22, 12695-12704.	4.9	2
44	Wildfire activity is driving summertime air quality degradation across the western US: a model-based attribution to smoke source regions. Environmental Research Letters, 2022, 17, 114014.	5.2	5
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46	Nowcasting Applications of Geostationary Satellite Hourly Surface PM2.5 Data. Weather and Forecasting, 2022, 37, 2313-2329.	1.4	1
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48	Projected increases in wildfires may challenge regulatory curtailment of PM _{2.5} over the eastern US by 2050. Atmospheric Chemistry and Physics, 2023, 23, 1769-1783.	4.9	5
49	Particulate Levels Underneath Landscape Fire Smoke Plumes in the Sydney Region of Australia. Fire, 2023, 6, 86.	2.8	1
50	An evaluation of the U.S. EPA's correction equation for PurpleAir sensor data in smoke, dust, and wintertime urban pollution events. Atmospheric Measurement Techniques, 2023, 16, 1311-1322.	3.1	11
51	A Coupled Wildfire-Emission and Dispersion Framework for Probabilistic PM2.5 Estimation. Fire, 2023, 6, 220.	2.8	3
52	Projection of Future Fire Emissions Over the Contiguous US Using Explainable Artificial Intelligence and CMIP6 Models. Journal of Geophysical Research D: Atmospheres, 2023, 128, .	3.3	1
53	Spatiotemporal variation characteristics of global fires and their emissions. Atmospheric Chemistry and Physics, 2023, 23, 7781-7798.	4.9	4
54	Global population exposure to landscape fire air pollution from 2000 to 2019. Nature, 2023, 621, 521-529.	27.8	11
55	Emission Factors for Crop Residue and Prescribed Fires in the Eastern US During FIREX-AQ. Journal of Geophysical Research D: Atmospheres, 2023, 128, .	3.3	0
56	Variability of aerosol concentrations of fractions PM10 and PM2.5 in the atmosphere surface layer at the reference monitoring station Boyarsky. , 2023, , .		0
57	Impact of wildfire smoke on ozone concentrations using a Generalized Additive model in Salt Lake City, Utah, USA, 2006-2022. Journal of the Air and Waste Management Association, 2024, 74, 116-130.	1.9	1
58	Key results from the salt lake regional smoke, ozone, and aerosol study (SAMOZA). Journal of the Air and Waste Management Association, 2024, 74, 163-180.	1.9	0
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