

Analysis of mobility trends during the COVID-19 corona impacts on global aviation and travel in selected cities

Energy Research and Social Science

68, 101693

DOI: [10.1016/j.erss.2020.101693](https://doi.org/10.1016/j.erss.2020.101693)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Contextualizing the Covid-19 pandemic for a carbon-constrained world: Insights for sustainability transitions, energy justice, and research methodology. Energy Research and Social Science, 2020, 68, 101701.	3.0	135
2	Evaluation of the elemental, nutritional and antioxidant properties of Cov-Pla herbal preparations. African Journal of Pharmacy and Pharmacology, 2020, 14, 370-376.	0.2	0
3	Assessing the Impact of COVID-19 on Bike-Sharing Usage: The Case of Thessaloniki, Greece. Sustainability, 2020, 12, 8215.	1.6	113
4	COVID-19 and the Improvement of the Global Air Quality: The Bright Side of a Pandemic. Atmosphere, 2020, 11, 1279.	1.0	24
5	The impact of COVID-19 on cost outlays for car and public transport commuting - The case of the Greater Sydney Metropolitan Area after three months of restrictions. Transport Policy, 2021, 101, 71-80.	3.4	71
6	The impact of COVID-19 on the electricity sector in Spain: An econometric approach based on prices. International Journal of Energy Research, 2021, 45, 6320-6332.	2.2	36
7	The impact of COVID-19 on changes in community mobility and variation in transport modes. New Zealand Economic Papers, 2022, 56, 98-105.	0.6	10
8	Insight into the Impact of COVID-19 on Australian Transportation Sector: An Economic and Community-Based Perspective. Sustainability, 2021, 13, 1276.	1.6	59
9	Mobility Behaviour in View of the Impact of the COVID-19 Pandemic – Public Transport Users in Gdansk Case Study. Sustainability, 2021, 13, 364.	1.6	162
10	The Impact of COVID-19 on Sustainable Business Models in SMEs. Sustainability, 2021, 13, 1098.	1.6	104
11	The Correlation Between Human Lifestyle, Weather, Smart Technologies and Covid-19 Pandemic. Studies in Systems, Decision and Control, 2021, , 137-147.	0.8	0
12	Burnout in the stress system of aviation professionals. Sovremennaja Zarubežnaia Psihologija, 2021, 10, 102-110.	0.8	4
13	Impacts of the global pandemic on the aviation industry of the European Union. SHS Web of Conferences, 2021, 92, 01005.	0.1	2
14	Exploring the Impacts of COVID-19 on Oil and Electricity Industry. Studies in Systems, Decision and Control, 2021, , 149-161.	0.8	1
15	The stock-flow-service nexus of personal mobility in an urban context: Vienna, Austria. Environmental Development, 2022, 41, 100628.	1.8	17
16	Can street-focused emergency response measures trigger a transition to new transport systems? Exploring evidence and lessons from 55 US cities. Transport Policy, 2021, 103, 146-155.	3.4	35
17	Shared public transport within a physical internet framework: Reviews, conceptualization and expected challenges under COVID-19 pandemic. IATSS Research, 2021, 45, 417-439.	1.8	14
18	Impact of COVID-19 and Anti-Pandemic Measures on the Sustainability of Demand in Suburban Bus Transport. The Case of the Slovak Republic. Sustainability, 2021, 13, 4967.	1.6	26

#	ARTICLE	IF	CITATIONS
19	Development of integrated sustainability performance indicators for better management of smart cities. <i>Sustainable Cities and Society</i> , 2021, 67, 102704.	5.1	79
20	Towards Sustainable Mobility? The Influence of the COVID-19 Pandemic on Romanian Mobile Citizens in Spain. <i>Sustainability</i> , 2021, 13, 4023.	1.6	9
21	Disruption caused business transformations in tourism-related industries. , 2021, , .		0
22	Quantifying the Traffic Impacts of the COVID-19 Shutdown. <i>Journal of Transportation Engineering Part A: Systems</i> , 2021, 147, .	0.8	23
23	COVID-19 and the Future of the Aviation Industry: An Assessment in the Scope of Aviation Management. <i>Journal of Aviation</i> , 2021, 5, 53-63.	0.1	5
24	COVID-19, community response, public policy, and travel patterns: A tale of Hong Kong. <i>Transport Policy</i> , 2021, 106, 173-184.	3.4	44
25	The Impact of the COVID-19 Pandemic on Gaseous and Solid Air Pollutants Concentrations and Emissions in the EU, with Particular Emphasis on Poland. <i>Energies</i> , 2021, 14, 3264.	1.6	5
26	Smart transport: A comparative analysis using the most used indicators in the literature juxtaposed with interventions in English metropolitan areas. <i>Transportation Research Interdisciplinary Perspectives</i> , 2021, 10, 100371.	1.6	14
27	The Impact of the Pandemic on Vehicle Traffic and Roadside Environmental Pollution: Rzeszow City as a Case Study. <i>Energies</i> , 2021, 14, 4299.	1.6	13
28	Touristsâ€™ Perceptions Regarding Traveling for Recreational or Leisure Purposes in Times of Health Crisis. <i>Sustainability</i> , 2021, 13, 8405.	1.6	14
29	Impact of the COVID-19 Pandemic on the Tourism Industry: Applying TRIZ and DEMATEL to Construct a Decision-Making Model. <i>Sustainability</i> , 2021, 13, 7610.	1.6	23
30	Contributions of Smart City Solutions and Technologies to Resilience against the COVID-19 Pandemic: A Literature Review. <i>Sustainability</i> , 2021, 13, 8018.	1.6	116
31	A No-Touch Approach to Avoid COVID-19: A Self-Driving Trolley for A Nigerian Airport. , 2021, , .		0
32	The Effects of Human Mobility Restriction During Covid-19 Pandemic to Indonesia's Economy. <i>Kajian Ekonomi Dan Keuangan</i> , 2021, 4, 263-280.	0.1	4
33	Wise reasoning and political leadership amid COVID-19 pandemic: an exploratory study on Ghana. <i>International Journal of Public Leadership</i> , 2021, ahead-of-print, .	0.6	4
34	Environmental impact assessment of hydrogen-based auxiliary power system onboard. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 29680-29693.	3.8	11
35	Insights into the Mobility Pattern of Australians during COVID-19. <i>Sustainability</i> , 2021, 13, 9611.	1.6	20
38	Long-term pathways to deep decarbonization of the transport sector in the post-COVID world. <i>Transport Policy</i> , 2021, 110, 28-36.	3.4	57

#	ARTICLE	IF	CITATIONS
39	How is COVID-19 affecting the renewable energy sector and the electric power grid?. European Journal of Science and Technology, 0, , .	0.5	1
40	Dynamic associations between temporal behavior changes caused by the COVID-19 pandemic and subjective assessments of policymaking: A case study in Japan. Transport Policy, 2021, 110, 58-70.	3.4	19
41	Impacts of the COVID-19 epidemic on merchant ship activity and pollution emissions in Shanghai port waters. Science of the Total Environment, 2021, 790, 148198.	3.9	41
42	The effect of aviation responses to the control of imported COVID-19 cases. Journal of Air Transport Management, 2021, 97, 102140.	2.4	13
43	An assessment of air passenger confidence a year into the COVID-19 crisis: A segmentation analysis of passengers in Norway. Journal of Transport Geography, 2021, 96, 103204.	2.3	9
44	COVID-19, internet, and mobility: The rise of telework, telehealth, e-learning, and e-shopping. Sustainable Cities and Society, 2021, 74, 103182.	5.1	162
45	The impacts of COVID-19 on older adults's active transportation mode usage in Isfahan, Iran. Journal of Transport and Health, 2021, 23, 101244.	1.1	29
46	The impacts of the COVID-19 pandemic on transportation employment: A comparative analysis. Transportation Research Interdisciplinary Perspectives, 2021, 12, 100470.	1.6	31
47	A multi-disciplinary approach to estimate the medium-term impact of COVID-19 on transport and energy: A case study for Italy. Energy, 2022, 238, 122015.	4.5	23
48	Machine Learning on the COVID-19 Pandemic, Human Mobility and Air Quality: A Review. IEEE Access, 2021, 9, 72420-72450.	2.6	44
49	Policies for climate-neutral road transport. , 2021, , 149-174.		0
50	Business Reopening Decisions and Demand Forecasts During the COVID-19 Pandemic. SSRN Electronic Journal, 0, , .	0.4	10
51	What Is Essential Travel? Socioeconomic Differences in Travel Demand in Columbus, Ohio, during the COVID-19 Lockdown. Annals of the American Association of Geographers, 2022, 112, 1023-1046.	1.5	12
52	Decarbonizing the energy supply one pandemic at a time. Energy Policy, 2021, 159, 112644.	4.2	4
53	Contagion Modeling and Simulation in Transport and Air Travel Networks During the COVID-19 Pandemic: A Survey. IEEE Access, 2021, 9, 149529-149541.	2.6	6
55	The Impact of the State of Emergency on the Supply of Services and Passenger Demand for Public Transport. LOGI - Scientific Journal on Transport and Logistics, 2020, 11, 56-67.	0.5	4
56	Exploring impacts of COVID-19 on city-wide taxi and ride-sourcing markets: Evidence from Ningbo, China. Transport Policy, 2022, 115, 220-238.	3.4	23
57	Analysing the opportunities and challenges for mitigating the climate impact of aviation: A narrative review. Renewable and Sustainable Energy Reviews, 2022, 156, 111972.	8.2	33

#	ARTICLE	IF	CITATIONS
58	Unprecedented Impacts of Aviation Emissions on Global Environmental and Climate Change Scenario. Current Pollution Reports, 2021, 7, 549-564.	3.1	20
59	COVID-19 Pandemic Effect on Energy Consumption in State Universities: Michoacan, Mexico Case Study. Energies, 2021, 14, 7642.	1.6	8
60	Multi-sectoral impact assessment during the 1st wave of COVID-19 pandemic in West Bengal (India) for sustainable planning and management. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	10
61	Global low-carbon energy transition in the post-COVID-19 era. Applied Energy, 2022, 307, 118205.	5.1	250
62	Disentangling City-Level Macroscopic Traffic Performance Patterns through a Trigonometric Multiseasonal Filtering Algorithm: Inspiration from Big Data of Ride-Sourcing Trips. Journal of Transportation Engineering Part A: Systems, 2022, 148, .	0.8	1
63	The effects of travel containment measures within COVID-19. , 2020, , .		2
64	Trading flexibility for adoption: Dynamic versus static walking in ridesharing. SSRN Electronic Journal, 0, , .	0.4	1
65	Ordered Logit Models to Investigate the Effect of Covid-19 on the Use of Public Transportation. SSRN Electronic Journal, 0, , .	0.4	0
66	The Role of Meteorological Variables and Aerosols in the Transmission of COVID-19 During Harmattan Season. GeoHealth, 2022, 6, e2021GH000521.	1.9	10
67	Sustainable Consumption in the Baltic States: The Carbon Footprint in the Household Sector. Sustainability, 2022, 14, 1567.	1.6	6
68	DETERMINANTS OF SMALL BUSINESS REOPENING DECISIONS AFTER COVID RESTRICTIONS WERE LIFTED. Journal of Policy Analysis and Management, 2022, 41, 278-317.	1.1	3
69	Design and Simulation of a Digital Twin Mobility Concept: An Electric Aviation System Dynamics Case Study with Capacity Constraints. Applied Sciences (Switzerland), 2022, 12, 848.	1.3	8
70	Travel Bubbles in Air Transportation: Myth or Reality?. Aerospace, 2022, 9, 38.	1.1	4
71	How Germany achieved a record share of renewables during the COVID-19 pandemic while relying on the European interconnected power network. Energy, 2022, 246, 123303.	4.5	7
72	Revealing Critical Characteristics of Mobility Patterns in New York City During the Onset of COVID-19 Pandemic. Frontiers in Built Environment, 2022, 7, .	1.2	10
73	Effects of COVID-19 on mobility GHG emissions: Case of the city of Lahti, Finland. Case Studies on Transport Policy, 2022, 10, 598-605.	1.1	10
74	The impact of COVID -19 on offshore wind project productivity – A case study. Renewable and Sustainable Energy Reviews, 2022, 158, 112188.	8.2	7
75	The Outbreak of COVID-19 Pandemic in Relation to Sense of Safety and Mobility Changes in Public Transport Using the Example of Warsaw. Sustainability, 2022, 14, 1780.	1.6	27

#	ARTICLE	IF	CITATIONS
76	The impacts of COVID-19 on travel behavior and initial perception of public transport measures in Istanbul. <i>Decision Analytics Journal</i> , 2022, 2, 100029.	2.7	10
77	The contribution of changes in climate-friendly behaviour, climate change concern and personal responsibility to household greenhouse gas emissions: Heating/cooling and transport activities in the European Union. <i>Energy</i> , 2022, 246, 123387.	4.5	22
79	A Bottom-Up Emissions Inventory Reveals the Long-Term Changes of Aviation Co2 Emissions in Chinese Cities. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
80	The impact of COVID-19 related regulations and restrictions on mobility and potential for sustained climate mitigation across the Netherlands, Sweden and the UK: a data-based commentary. <i>UCL Open Environment</i> , 0, 4, .	0.0	1
81	Trends in household energy-related GHG emissions during COVID-19 in four Chilean cities. <i>Carbon Management</i> , 2022, 13, 1-16.	1.2	8
82	Investigating the Impact of the COVID-19 Pandemic on Crime Incidents Number in Different Cities. <i>Journal of Safety Science and Resilience</i> , 2022, , .	1.3	6
83	Impacts of COVID-19 Pandemic on the Global Flows of People and Goods: Implications on the Dynamics of Urban Systems. <i>Land</i> , 2022, 11, 429.	1.2	4
84	The Influence of the Corona Virus Pandemic on Sustainable Development Goal 13 and United Nations Framework Convention on Climate Change Processes. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	9
85	Wishful thinking? Addressing the long-term implications of COVID-19 for transport in Nigeria. <i>Transportation Research, Part D: Transport and Environment</i> , 2022, 105, 103206.	3.2	15
86	Åžehir Å°Åšİ Ana Arterlerde COVID-19 KÄ±sÄ±tlamalarÄ±ndan DolayÄ± Trafik AkÄ±mlarÄ±nda Meydana Gelen DeÄŸiÅŸimlerin Å°ncelenmesi: Antalya Å–rneÄŸi. Å°dealkent, 0, , .	0.1	1
87	Changes in air quality inÄ±taxis and in working conditions of taxi drivers preÄ±and postÄ±lockdown, during the COVIDÄ±19 pandemic in the Paris area. <i>Indoor Air</i> , 2022, 32, .	2.0	1
88	Sustainable Freight Transportation Planning and Policies for a Logistics-Driven India: Current State and Future Ahead. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2022, , 265-284.	0.3	1
89	COVID-19 and the Tourism Industry. <i>International Journal of Applied Management Theory and Research</i> , 2022, 4, 1-16.	0.1	0
90	A Structural Equation Modelling Approach to Develop a Resilient Supply Chain Strategy for the COVID-19 Disruptions. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2022, , 242-266.	0.3	5
91	A unique destination and transportation: current issues and possible solutions. <i>Worldwide Hospitality and Tourism Themes</i> , 2022, 14, 365-373.	0.8	1
92	Impact of COVID-19 on the mobility patterns: An investigation of taxi trips in Chicago. <i>PLoS ONE</i> , 2022, 17, e0267436.	1.1	3
93	Novel mobility index tracks COVID-19 transmission following stay-at-home orders. <i>Scientific Reports</i> , 2022, 12, 7654.	1.6	5
94	A Multi-Faceted Investigation of the Value of Sustainability in Logistics Services and the Impact of COVID-19. <i>Advances in Hospitality, Tourism and the Services Industry</i> , 2022, , 21-48.	0.2	0

#	ARTICLE	IF	CITATIONS
95	Preserving Sustainability Gains of the COVID-19 Pandemic: A Case Study of MIT Campus Commuting. Transportation Research Record, 0, , 036119812210887.	1.0	0
96	Chinese travellersâ€™ mobility decision-making processes during public health crisis situations: a Bayesian network model. Current Issues in Tourism, 2023, 26, 1828-1844.	4.6	1
97	Quantifying Mobility Perturbation in Americaâ€™s Cities during COVID-19: A Network-Based Approach. , 2022, , .		0
98	Unconventional Tourist Mobility: A Geography-Oriented Theoretical Framework. Sustainability, 2022, 14, 6494.	1.6	5
99	A systematic review of the impacts of the coronavirus crisis on urban transport: Key lessons learned and prospects for future cities. Cities, 2022, 127, 103770.	2.7	14
100	COVID-19 impact on an academic Institution's greenhouse gas inventory: The case of Cornell University. Journal of Cleaner Production, 2022, 363, 132440.	4.6	10
101	Influence of informational, social, convenience and financial tools on sustainable transport behaviour: The case of Lithuania. Journal of Cleaner Production, 2022, 362, 132457.	4.6	0
102	Exploring the movements between COVID-19 pandemic and international air traffic: A global perspective based on wavelet analysis. International Migration, 2023, 61, 116-131.	0.8	3
103	Assessing the Geo-Ecotourism Potentiality of West Bengal with Special Reference to its Coastal Region Using Geospatial Technology. , 2022, , 687-719.		0
104	Covid-19 and heterogeneous restrictions: possible consequences for EU cities. Cambridge Journal of Regions, Economy and Society, 0, , .	1.7	1
105	Data analytics during pandemics: a transportation and location planning perspective. Annals of Operations Research, 2023, 328, 193-244.	2.6	4
106	Pandemic, War, and Global Energy Transitions. Energies, 2022, 15, 6114.	1.6	137
107	Impact of the COVID-19 pandemic on tourist public transportation use and on its determinants: Evidence from a Catalan coastal destination. Tourism Management Perspectives, 2022, 44, 101003.	3.2	5
108	Insights into the long-term effects of COVID-19 responses on transportation facilities. Transportation Research, Part D: Transport and Environment, 2022, 111, 103463.	3.2	14
109	A cross-country analysis of behavioral changes in response to COVID-19 social distancing policies. , 2023, , 225-232.		0
110	Urban Mobility Measures in Response to COVID-19: Emerging Concepts and Trends for Sustainable Planning. SSRN Electronic Journal, 0, , .	0.4	0
111	The Impact of Digitalization on Unemployment During Covid-19 Pandemic. Lecture Notes in Business Information Processing, 2022, , 3-15.	0.8	1
112	An emissions inventory using flight information reveals the long-term changes of aviation CO2 emissions in China. Energy, 2023, 262, 125513.	4.5	8

#	ARTICLE	IF	CITATIONS
113	A Public Transportation Reservation System for Congestion Relief with E-tickets. , 2022, , .		1
114	COVID-19: un desafío para la ciudades inteligentes en el decÃ¡logo de la salud pÃºblica. Ipsa Scientia: Revista CientÃ­fica Multidisciplinaria, 2022, 7, 39-50.	0.9	0
115	Strategy and Technology Framework in the Pandemic Era Among Aviation Players. , 2023, , 29-40.		0
116	Electricity Demand Elasticity, Mobility, and COVID-19 Contagion Nexus in the Italian Day-Ahead Electricity Market. Energies, 2022, 15, 7501.	1.6	3
117	Short run â€œrebound effectâ€ of COVID on the transport carbon footprint. Cities, 2022, 131, 104039.	2.7	15
118	Human Mobility Restrictions and COVID-19 Infection Rates: Analysis of Mobility Data and Coronavirus Spread in Poland and Portugal. International Journal of Environmental Research and Public Health, 2022, 19, 14455.	1.2	2
119	International Impact of COVID-19 on Energy Economics and Environmental Pollution: A Scoping Review. Energies, 2022, 15, 8407.	1.6	6
120	Analysis of energy-saving technologies in a smart city. AIP Conference Proceedings, 2022, , .	0.3	0
121	Geographical detector-based assessment of multi-level explanatory powers of determinants on Chinaâ€™s medical-service resumption during the COVID-19 epidemic. Environment and Planning B: Urban Analytics and City Science, 0, , 239980832211431.	1.0	0
122	No way back? A survey on changes in travel demand post-pandemic in Norway. Case Studies on Transport Policy, 2023, 11, 100942.	1.1	3
123	Modeling Urban Exodus Dynamics Considering Settlers Adaptation Time and Local Authority Support. Mathematical Problems in Engineering, 2022, 2022, 1-9.	0.6	0
124	Turning to Religion During COVID-19Â (Part I): A Systematic Review, Meta-analysis and Meta-regression of Studies on the Relationship Between Religious Coping and Mental Health Throughout COVID-19. Journal of Religion and Health, 2023, 62, 510-543.	0.8	12
125	Emerging from the COVID-19 Pandemic: Aviation Recovery, Challenges and Opportunities. Aerospace, 2023, 10, 19.	1.1	3
126	A review of horses sent to slaughter for human consumption: impact of horsemeat consumption, residual banned drugs, and public health risks. American Journal of Veterinary Research, 2023, , 1-8.	0.3	0
127	Cross-regional analysis of the association between human mobility and COVID-19 infection in Southeast Asia during the transitional period of â€œliving with COVID-19â€. Health and Place, 2023, 81, 103000.	1.5	5
128	â€œWhy would you swap your nice warm van, where you can eat your butties and listen to the radio?â€ Mainstreaming a niche of cycle logistics in the United Kingdom. Energy Research and Social Science, 2023, 99, 103062.	3.0	1
129	Towards a More Sustainable Mobility. , 2023, , 465-486.		1
130	Application of Time Series Analysis Methods to Assess the impact of COVID-19 on Carbon Dioxide Emission Reduction in Connecticut. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
131	Investigating impacts of COVID-19 on urban mobility and emissions. <i>Cities</i> , 2023, 135, 104246.	2.7	7
132	Node Research on the Involvement of China's Carbon Tax Policy in the Context of COVID-19. <i>Communications in Computer and Information Science</i> , 2023, , 197-210.	0.4	0
133	Health Impacts of COVID-19 through the Changes in Mobility. <i>Sustainability</i> , 2023, 15, 4095.	1.6	2
134	Analysis of Airport Stakeholder Collaboration With AHP Method to Provide Safe Air Travel Adventure Through Digital Means to Disabled Passengers. <i>Advances in Business Strategy and Competitive Advantage Book Series</i> , 2023, , 29-48.	0.2	1
135	Development and application of an integrated smart city model. <i>Heliyon</i> , 2023, 9, e14347.	1.4	3
136	Impact of Covid-19 on Urban Traffic Patterns. <i>Lecture Notes in Intelligent Transportation and Infrastructure</i> , 2023, , 1627-1642.	0.3	0
137	Knowledge, attitudes, and practices of healthcare workers towards COVID-19 patients in the United Arab Emirates: a cross-sectional study. <i>BMC Health Services Research</i> , 2023, 23, .	0.9	1
138	The Effect of COVID-19 Pandemic on Different Industries. , 0, 38, 550-555.		0
139	Japanese urban household carbon footprints during early-stage COVID-19 pandemic were consistent with those over the past decade. <i>Npj Urban Sustainability</i> , 2023, 3, .	3.7	5
140	India's public transportation system: the repercussions of COVID-19. <i>Public Transport</i> , 0, , .	1.7	1
141	Accounting for ESG under Disruptions: A Systematic Literature Network Analysis. <i>Sustainability</i> , 2023, 15, 6633.	1.6	10
160	Assessment of the Factors that Influence the Transport Sector Turnover in Lithuania. <i>Lecture Notes in Intelligent Transportation and Infrastructure</i> , 2024, , 287-296.	0.3	0
161	Changing landscape of coal: Net-zero carbon emissions. , 2024, , 687-742.		0
165	Analysis and Evaluation of the Transport Sector During the COVID-19 Epidemic: Budapest Versus Amman. <i>Advanced Sciences and Technologies for Security Applications</i> , 2024, , 189-199.	0.4	0