

Flood-induced mortality across the globe: Spatiotemporal

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Evaluation of Manning's Roughness Coefficient in Arid Environments by Using SAR Backscatter. Remote Sensing, 2018, 10, 1505.	1.8	13
2	Modified Palmer Drought Severity Index: Model improvement and application. Environment International, 2019, 130, 104951.	4.8	72
3	Mapping Flood-Related Mortality in the Mediterranean Basin. Results from the MEFF v2.0 DB. Water (Switzerland), 2019, 11, 2196.	1.2	29
4	Relating imperviousness to building growth and developed area in order to model the impact of peri-urbanization on runoff in a Mediterranean catchment (1964-2014). Journal of Land Use Science, 2019, 14, 210-224.	1.0	7
5	Anomalies of dwellers' collective geotagged behaviors in response to rainstorms: a case study of eight cities in China using smartphone location data. Natural Hazards and Earth System Sciences, 2019, 19, 2169-2182.	1.5	9
6	Time-Series Study of Associations between Rates of People Affected by Disasters and the El Niño Southern Oscillation (ENSO) Cycle. International Journal of Environmental Research and Public Health, 2019, 16, 3146.	1.2	14
8	Rationale and methods for a cross-sectional study of mental health and wellbeing following river flooding in rural Australia, using a community-academic partnership approach. BMC Public Health, 2019, 19, 1255.	1.2	18
9	A coupled surface-subsurface hydrologic model to assess groundwater flood risk spatially and temporally. Environmental Modelling and Software, 2019, 114, 129-139.	1.9	31
10	SPATIALIZATION OF THE ANNUAL MAXIMUM DAILY RAINFALL IN SOUTHEASTERN BRAZIL. Engenharia Agricola, 2019, 39, 97-109.	0.2	1
11	A novel hybrid approach based on a swarm intelligence optimized extreme learning machine for flash flood susceptibility mapping. Catena, 2019, 179, 184-196.	2.2	214
12	The effects of global change on floods, fluvial geomorphology and related hazards in mountainous rivers. Science of the Total Environment, 2019, 669, 7-10.	3.9	8
13	Differential Mental Health Impact Six Months After Extensive River Flooding in Rural Australia: A Cross-Sectional Analysis Through an Equity Lens. Frontiers in Public Health, 2019, 7, 367.	1.3	31
14	Terrestrial Water Storage in China: Spatiotemporal Pattern and Driving Factors. Sustainability, 2019, 11, 6646.	1.6	6
15	Analysis of correlations between neighborhood-level vulnerability to climate change and protective green building design strategies: A spatial and ecological analysis. Building and Environment, 2020, 168, 106523.	3.0	30
16	Urban waterlogging risk assessment in well-developed region of Eastern China. Physics and Chemistry of the Earth, 2020, 115, 102824.	1.2	44
17	Towards the simulation of flood evacuation in urban scenarios: Experiments to estimate human motion speed in floodwaters. Safety Science, 2020, 123, 104563.	2.6	38
18	Coastal flood risks in China through the 21st century – An application of DIVA. Science of the Total Environment, 2020, 704, 135311.	3.9	52
19	Study of the Allocation of Regional Flood Drainage Rights in Watershed Based on Entropy Weight TOPSIS Model: A Case Study of the Jiangsu Section of the Huaihe River, China. International Journal of Environmental Research and Public Health, 2020, 17, 5020.	1.2	8

#	ARTICLE	IF	CITATIONS
20	Intensive Versus Extensive Events? Insights from Cumulative Flood-Induced Mortality Over the Globe, 1976â€”2016. <i>International Journal of Disaster Risk Science</i> , 2020, 11, 441-451.	1.3	17
21	Flash flood impacts of Hurricane Otto and hydrometeorological risk mapping in Costa Rica. <i>Geografisk Tidsskrift</i> , 2020, 120, 142-155.	0.4	32
22	A New Hybrid Fireflyâ€”PSO Optimized Random Subspace Tree Intelligence for Torrential Rainfall-Induced Flash Flood Susceptible Mapping. <i>Remote Sensing</i> , 2020, 12, 2688.	1.8	46
23	Rainfall distribution in relation to flooding in upper Citarum watershed, Indonesia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 500, 012088.	0.2	3
24	Possibilities of Controlling the River Outlets by Weirs on the Example of NoteÅž Bystra River. <i>Sustainability</i> , 2020, 12, 2369.	1.6	2
25	To move or not to move: How farmers now living in flood storage areas of China decide whether to move out or to stay put. <i>Journal of Flood Risk Management</i> , 2020, 13, e312609.	1.6	11
26	How to Account for the Human Motion to Improve Flood Risk Assessment in Urban Areas. <i>Water (Switzerland)</i> , 2020, 12, 1316.	1.2	6
27	Social vulnerability in a high-risk flood-affected rural region of NSW, Australia. <i>Natural Hazards</i> , 2020, 101, 631-650.	1.6	21
28	Influence of Microtopography and Alluvial Lowland Characteristics on Location and Development of Residential Areas in the Kuji River Basin of Japan. <i>Sustainability</i> , 2020, 12, 65.	1.6	3
29	Flood impact on Mainland Southeast Asia between 1985 and 2018â€”The role of tropical cyclones. <i>Journal of Flood Risk Management</i> , 2020, 13, e12598.	1.6	37
30	Multi-scenario flash flood hazard assessment based on rainfallâ€”runoff modeling and flood inundation modeling: a case study. <i>Natural Hazards</i> , 2021, 105, 967-981.	1.6	8
31	Understanding dynamics of population flood exposure in Canada with multiple high-resolution population datasets. <i>Science of the Total Environment</i> , 2021, 759, 143559.	3.9	29
32	Floodplains in the Anthropocene: A Global Analysis of the Interplay Between Human Population, Built Environment, and Flood Severity. <i>Water Resources Research</i> , 2021, 57, e2020WR027744.	1.7	30
33	Natural and Socioeconomic Factors and Their Interactive Effects on House Collapse Caused by Typhoon Mangkhut. <i>International Journal of Disaster Risk Science</i> , 2021, 12, 121-130.	1.3	13
34	The impact of super typhoon lekima on the house collapse rate and quantification of the interactive impacts of natural and socioeconomic factors. <i>Geomatics, Natural Hazards and Risk</i> , 2021, 12, 1386-1401.	2.0	2
35	Extreme sea levels along coastal China: uncertainties and implications. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 405-418.	1.9	6
36	An Entropic Approach to Estimating the Instability Criterion of People in Floodwaters. <i>Entropy</i> , 2021, 23, 74.	1.1	4
37	Hydrogeomorphological analysis for hydraulic public domain definition: case study in CarriÅ³n River (Palencia, Spain). <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	3

#	ARTICLE	IF	CITATIONS
38	Tunnel vision optimization method for VR flood scenes based on Gaussian blur. <i>International Journal of Digital Earth</i> , 2021, 14, 821-835.	1.6	20
39	Examining the coupling relationship between urbanization and natural disasters: A case study of the Pearl River Delta, China. <i>International Journal of Disaster Risk Reduction</i> , 2021, 55, 102057.	1.8	20
40	Integrated Framework for Detecting the Areas Prone to Flooding Generated by Flash-Floods in Small River Catchments. <i>Water (Switzerland)</i> , 2021, 13, 758.	1.2	14
41	Weighted Linear Combination Procedures with GIS and Remote Sensing in Flood Vulnerability Analysis of Abeokuta Metropolis in Nigeria. <i>Journal of BP Koirala Institute of Health Sciences</i> , 2021, 5, 240-257.	0.1	2
42	Hydrodynamic Flood Modelling of Large Regions Under Data-Poor Situations. <i>International Journal of Business Analytics</i> , 2021, 8, 1-16.	0.2	0
43	Blueâ€“Green Infrastructure for Flood and Water Quality Management in Southeast Asia: Evidence and Knowledge Gaps. <i>Environmental Management</i> , 2022, 69, 699-718.	1.2	50
44	A Global Flood Risk Modeling Framework Built With Climate Models and Machine Learning. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002221.	1.3	9
45	Improving Australian Rainfall Prediction Using Sea Surface Salinity. <i>Journal of Climate</i> , 2021, 34, 2473-2490.	1.2	5
46	Spatiotemporal distribution of flood disasters in Asia and influencing factors in 1980â€“2019. <i>Natural Hazards</i> , 2021, 108, 2721-2738.	1.6	18
47	A Catalogue of Tropical Cyclone Induced Instantaneous Peak Flows Recorded in Puerto Rico and a Comparison with the Worldâ€™s Maxima. <i>Hydrology</i> , 2021, 8, 84.	1.3	5
49	Spatial pattern of the population casualty rate caused by super typhoon Lekima and quantification of the interactive effects of potential impact factors. <i>BMC Public Health</i> , 2021, 21, 1260.	1.2	3
50	Flood vulnerability assessment using the triangular fuzzy number-based analytic hierarchy process and support vector machine model for the Belt and Road region. <i>Natural Hazards</i> , 2022, 110, 269-294.	1.6	19
51	Spatiotemporal clustering of flash floods in a changing climate (China, 1950â€“2015). <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 2109-2124.	1.5	9
52	Health Risks to the Russian Population from Weather Extremes in 2010â€“2020. Part 2. Floods, Typhoons, Ice Rain, Droughts. <i>Issues of Risk Analysis</i> , 2021, 18, 10-31.	0.1	3
53	Risk assessment of multireservoir joint flood control system under multiple uncertainties. <i>Journal of Flood Risk Management</i> , 2021, 14, e12740.	1.6	8
54	Flooding Hazard and Vulnerability. An Interdisciplinary Experimental Approach for the Study of the 2016 West Virginia Floods. <i>Frontiers in Water</i> , 2021, 3, .	1.0	4
55	Modeling Daily Floods in the Lancangâ€“Mekong River Basin Using an Improved Hydrologicalâ€“Hydrodynamic Model. <i>Water Resources Research</i> , 2021, 57, e2021WR029734.	1.7	17
56	Causes, impacts and patterns of disastrous river floods. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 592-609.	12.2	175

#	ARTICLE	IF	CITATIONS
57	Compound flood potential from storm surge and heavy precipitation in coastal China: dependence, drivers, and impacts. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 4403-4416.	1.9	39
58	Learning from the past: common sense, traditional wisdom, and technology for flood risk reduction developed in Japan. <i>Regional Environmental Change</i> , 2021, 21, 1.	1.4	8
59	Increasing exposure to floods in China revealed by nighttime light data and flood susceptibility mapping. <i>Environmental Research Letters</i> , 2021, 16, 104044.	2.2	10
60	Assessing the flood risk to evacuees in outdoor built environments and relative risk reduction strategies. <i>International Journal of Disaster Risk Reduction</i> , 2021, 64, 102493.	1.8	9
61	Flood susceptibility mapping using a geomorphometric approach in South Australian basins. <i>Natural Hazards</i> , 2021, 106, 629-653.	1.6	15
62	Spatiotemporal variation of flash floods in the Hengduan Mountains region affected by rainfall properties and land use. <i>Natural Hazards</i> , 2022, 111, 465-488.	1.6	11
63	Natural Disasters and Mortality: A Probabilistic Analysis for Argentina (1970-2015).. <i>Revista De Estudios Andaluces</i> , 2020, , 195-198.	0.1	0
64	A participatory approach for identification of micro flood zones in poorly developed urban areas. <i>Academic Perspective Procedia</i> , 2020, 3, 941-949.	0.0	0
65	Land surface model influence on the simulated climatologies of temperature and precipitation extremes in the WRF v3.9 model over North America. <i>Geoscientific Model Development</i> , 2020, 13, 5345-5366.	1.3	3
66	Impacts of Summer Monsoons on flood characteristics in the Lancang-Mekong River Basin. <i>Journal of Hydrology</i> , 2022, 604, 127256.	2.3	14
67	Estimating the instability criterion of vehicles in urban flooding by an entropic method. <i>Urban Climate</i> , 2022, 41, 101069.	2.4	3
68	Spatiotemporal variation in global floods with different affected areas and the contribution of influencing factors to flood-induced mortality (1985â€“2019). <i>Natural Hazards</i> , 2022, 111, 2601-2625.	1.6	12
69	Assessment of flood susceptibility mapping using support vector machine, logistic regression and their ensemble techniques in the Belt and Road region. <i>Geocarto International</i> , 2022, 37, 9817-9846.	1.7	19
70	Review article: Factors leading to the occurrence of flood fatalities: a systematic review of research papers published between 2010 and 2020. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 71-83.	1.5	18
71	Unraveling Long-Term Flood Risk Dynamics Across the Murray-Darling Basin Using a Large-Scale Hydraulic Model and Satellite Data. <i>Frontiers in Water</i> , 2022, 3, .	1.0	3
72	Climate change-related risks and adaptation potential in Central and South America during the 21st century. <i>Environmental Research Letters</i> , 2022, 17, 033002.	2.2	27
73	Poplarâ€™s Waterlogging Resistance Modeling and Evaluating: Exploring and Perfecting the Feasibility of Machine Learning Methods in Plant Science. <i>Frontiers in Plant Science</i> , 2022, 13, 821365.	1.7	2
74	Towards flood risk mapping based on multi-tiered decision making in a densely urbanized metropolitan city of Istanbul. <i>Sustainable Cities and Society</i> , 2022, 80, 103759.	5.1	42

#	ARTICLE	IF	CITATIONS
75	The Characteristics and Evaluation of Future Droughts across China through the CMIP6 Multi-Model Ensemble. <i>Remote Sensing</i> , 2022, 14, 1097.	1.8	26
76	Impact of Coastal Disasters on Women in Urban Slums: A New Index. <i>Sustainability</i> , 2022, 14, 3472.	1.6	3
77	Probabilistic Flood Hazard Mapping Considering Multiple Levee Breaches. <i>Water Resources Research</i> , 2022, 58, .	1.7	6
78	Risks to the Health of Russian Population from Floods and Droughts in 2010â€“2020: A Scoping Review. <i>Climate</i> , 2022, 10, 37.	1.2	16
79	Assessing the impacts of human interventions and climate change on fluvial flooding using CMIP6 data and GIS-based hydrologic and hydraulic models. <i>Geocarto International</i> , 2022, 37, 11483-11508.	1.7	8
80	Temporary flood marks proposal: What we learned after losing the baroque artifact from Cracow, Poland. <i>International Journal of Disaster Risk Reduction</i> , 2022, 74, 102942.	1.8	5
81	Flood risk index development at the municipal level in Costa Rica: A methodological framework. <i>Environmental Science and Policy</i> , 2022, 133, 98-106.	2.4	35
82	Some reflections on the concept of natural disaster. <i>EspaÃ±o E Economia</i> , 2021, , .	0.4	0
83	Video-Based Convolutional Neural Networks Forecasting for Rainfall Forecasting. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	1
84	Flash Flood Risk Assessment and Driving Factors: A Case Study of the Yantanxi River Basin, Southeastern China. <i>International Journal of Disaster Risk Science</i> , 2022, 13, 291-304.	1.3	9
85	Spatial distribution patterns and potential exposure risks of urban floods in Chinese megacities. <i>Journal of Hydrology</i> , 2022, 610, 127838.	2.3	24
87	Detection of trends in observed river floods in Poland. <i>Journal of Hydrology: Regional Studies</i> , 2022, 41, 101098.	1.0	5
88	Exploring the additional value of class imbalance distributions on interpretable flash flood susceptibility prediction in the Black Warrior River basin, Alabama, United States. <i>Journal of Hydrology</i> , 2022, 610, 127877.	2.3	23
89	Deadly floods and their causal factors: A case-control study in Iran between 2005 and 2018. <i>International Journal of Disaster Risk Reduction</i> , 2022, , 103036.	1.8	1
90	Explainable step-wise binary classification for the susceptibility assessment of geo-hydrological hazards. <i>Catena</i> , 2022, 216, 106379.	2.2	25
91	A Flood Mapping Method for Land Use Management in Small-Size Water Bodies: Validation of Spectral Indexes and a Machine Learning Technique. <i>Agronomy</i> , 2022, 12, 1280.	1.3	1
92	Insurance Issues as Secondary Stressors Following Flooding in Rural Australiaâ€“A Mixed Methods Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6383.	1.2	3
93	Amplifying Flood Risk Across the Lower Yellow River Basin, China, Under Shared Socioeconomic Pathways. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	5

#	ARTICLE	IF	CITATIONS
94	Modified drought severity index: Model improvement and its application in drought monitoring in China. <i>Journal of Hydrology</i> , 2022, 612, 128097.	2.3	24
95	An Evaluation of Flood Fatalities in Nigeria. <i>Weather, Climate, and Society</i> , 2022, 14, 709-720.	0.5	1
96	The role of satellite remote sensing in natural disaster management. , 2022, , 189-216.		1
97	Changing temporal volatility of precipitation extremes due to global warming. <i>International Journal of Climatology</i> , 2022, 42, 8971-8983.	1.5	5
98	Human Settlement Resilience Zoning and Optimizing Strategies for River-Network Cities under Flood Risk Management Objectives: Taking Yueyang City as an Example. <i>Sustainability</i> , 2022, 14, 9595.	1.6	2
99	Assessment Analysis of Flood Susceptibility in Tropical Desert Area: A Case Study of Yemen. <i>Remote Sensing</i> , 2022, 14, 4050.	1.8	18
100	Disaster loss indicators for reporting to DesInventar Sendai and enabling rapid monetary valuation in Malaysia. <i>Weather and Climate Extremes</i> , 2022, 37, 100488.	1.6	2
101	Assessment and spatiotemporal analysis of global flood vulnerability in 2005â€“2020. <i>International Journal of Disaster Risk Reduction</i> , 2022, 80, 103201.	1.8	17
102	Flood peak discharge and volume runoff envelope curves for 100-year return period for the arid region: Saudi Arabia. <i>Natural Hazards</i> , 0, , .	1.6	0
103	Flood Disaster Risk Assessment Based on DEA Model in Southeast Asia along â€œThe Belt and Roadâ€œ. <i>Sustainability</i> , 2022, 14, 13145.	1.6	2
104	Quantifying the role of openings in the impact of a dam-break-induced flood on a porous building. <i>Journal of Hydrology</i> , 2022, 614, 128596.	2.3	3
105	Increasing Global Flood Risk in 2005â€“2020 from a Multi-Scale Perspective. <i>Remote Sensing</i> , 2022, 14, 5551.	1.8	6
106	Fundamental diagrams for straight movement of pedestrians in water. <i>Safety Science</i> , 2023, 159, 106018.	2.6	5
107	People and infrastructure: multi-scale assessment of coastal and fluvial flood exposure in India. <i>Environmental Research Communications</i> , 0, , .	0.9	0
108	Comments and recommendations on Sponge City â€” China's solutions to prevent flooding risks. <i>Heliyon</i> , 2023, 9, e12745.	1.4	4
109	Effect of urban neighbourhood layout on the flood intrusion rate of residential buildings and associated risk for pedestrians. <i>Sustainable Cities and Society</i> , 2023, 92, 104485.	5.1	6
110	Compound and successive events of extreme precipitation and extreme runoff under heatwaves based on CMIP6 models. <i>Science of the Total Environment</i> , 2023, 878, 162980.	3.9	6
111	On the physical vulnerability of pedestrians in urban flooding: Experimental study of the hydrodynamic instability of a human body model in floodwater. <i>Urban Climate</i> , 2023, 48, 101420.	2.4	0

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112	Impact assessment of climate change on compound flooding in a coastal city. Journal of Hydrology, 2023, 617, 129166.	2.3	7
114	Flood Risk Assessment of Himalayan Foothill Rivers: A Study of Jaldhaka River, India. Springer Geography, 2023, , 63-90.	0.3	1
115	Stability and Changes in the Spatial Distribution of China's Population in the Past 30 Years Based on Census Data Spatialization. Remote Sensing, 2023, 15, 1674.	1.8	1
116	Seasonality, persistency, regionalization, and control mechanism of extreme rainfall over complex terrain. Theoretical and Applied Climatology, 2023, 152, 981-997.	1.3	1
140	Assessment of urban form resilience: a review of literature in the context of the Global South. Environment, Development and Sustainability, 0, , .	2.7	1
152	Coupled Hydrologic-Hydraulic Modeling-Based Flood Inundation Mapping for a Segment of the Tullahan River in Valenzuela City, Philippines. Lecture Notes in Civil Engineering, 2024, , 657-669.	0.3	0