

Urbanization exacerbated the rainfall and flooding caused by Hurricane Harvey in Houston

Nature

563, 384-388

DOI: [10.1038/s41586-018-0676-z](https://doi.org/10.1038/s41586-018-0676-z)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Comparison of Digital Building Height Models Extracted from AW3D, TanDEM-X, ASTER, and SRTM Digital Surface Models over Yangon City. <i>Remote Sensing</i> , 2018, 10, 2008.	1.8	34
2	Deaths versus dollars. <i>Nature Geoscience</i> , 2018, 11, 887-887.	5.4	0
3	Modeling the Impacts of Urbanization and Open Water Surface on Heavy Convective Rainfall: A Case Study over the Emerging Xiong'an City, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 9078-9098.	1.2	13
4	Toward a Resilient Global Society: Air, Sea Level, Earthquakes, and Weather. <i>Earth's Future</i> , 2019, 7, 854-864.	2.4	7
5	Flood-Landscape Ecological Risk Assessment under the Background of Urbanization. <i>Water (Switzerland)</i> , 2019, 11, 1418.	1.2	14
6	Estimating the effect of urbanization on extreme climate events in the Beijing-Tianjin-Hebei region, China. <i>Science of the Total Environment</i> , 2019, 688, 1005-1015.	3.9	62
7	Will the Surface Water and Ocean Topography (SWOT) Satellite Mission Observe Floods?. <i>Geophysical Research Letters</i> , 2019, 46, 10435-10445.	1.5	28
8	Analysis of the Effects of the River Network Structure and Urbanization on Waterlogging in High-Density Urban Areas—A Case Study of the Pudong New Area in Shanghai. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3306.	1.2	19
9	Variations in the Intensity and Spatial Extent of Tropical Cyclone Precipitation. <i>Geophysical Research Letters</i> , 2019, 46, 13992-14002.	1.5	37
10	Impact of Urbanization and Climate on Vegetation Coverage in the Beijing-Tianjin-Hebei Region of China. <i>Remote Sensing</i> , 2019, 11, 2452.	1.8	22
11	Causes of large projected increases in hurricane precipitation rates with global warming. <i>Npj Climate and Atmospheric Science</i> , 2019, 2, .	2.6	66
12	Land-Sea Contrast in the Diurnal Variation of Precipitation from Landfalling Tropical Cyclones. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12010-12021.	1.2	4
13	Accuracy evaluation of GPM multi-satellite precipitation products in the hydrological application over alpine and gorge regions with sparse rain gauge network. <i>Hydrology Research</i> , 2019, 50, 1710-1729.	1.1	19
14	Nonstationary Flood Hazard Analysis in Response to Climate Change and Population Growth. <i>Water (Switzerland)</i> , 2019, 11, 1811.	1.2	14
15	A data-driven analysis of flash flood hazard, fatalities, and damages over the CONUS during 1996-2017. <i>Journal of Hydrology</i> , 2019, 578, 124106.	2.3	62
16	Calibration and analysis of the uncertainty in downscaling global land use and land cover projections from GCAM using Demeter (v1.0.0). <i>Geoscientific Model Development</i> , 2019, 12, 1753-1764.	1.3	15
17	Urban Impacts on Extreme Monsoon Rainfall and Flooding in Complex Terrain. <i>Geophysical Research Letters</i> , 2019, 46, 5918-5927.	1.5	61
18	Case Study: Rapid Urban Inundation Forecasting Technique Based on Quantitative Precipitation Forecast for Houston and Harris County Flood Control District. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, .	0.8	8

#	ARTICLE	IF	CITATIONS
19	Tropical Cyclones and Climate Change Assessment: Part I: Detection and Attribution. Bulletin of the American Meteorological Society, 2019, 100, 1987-2007.	1.7	326
20	Green Streets to Serve Urban Sustainability: Benefits and Typology. Sustainability, 2019, 11, 6483.	1.6	16
21	Disentangling the impacts of human and environmental change on catchment response during Hurricane Harvey. Environmental Research Letters, 2019, 14, 124023.	2.2	47
22	Coastal Inundation Mapping From Bitemporal and Dual-Polarization SAR Imagery Based on Deep Convolutional Neural Networks. Journal of Geophysical Research: Oceans, 2019, 124, 9101-9113.	1.0	51
23	On the flood peak distributions over China. Hydrology and Earth System Sciences, 2019, 23, 5133-5149.	1.9	21
24	Integrated Assessment of Economic Losses in Manufacturing Industry in Shanghai Metropolitan Area Under an Extreme Storm Flood Scenario. Sustainability, 2019, 11, 126.	1.6	20
25	Analysis of urban rainfall from hourly to seasonal scales using high-resolution radar observations in the Netherlands. International Journal of Climatology, 2020, 40, 822-840.	1.5	11
26	Quantifying the response of potential flooding risk to urban growth in Beijing. Science of the Total Environment, 2020, 705, 135868.	3.9	43
27	Updating urban design floods for changes in central tendency and variability using regression. Advances in Water Resources, 2020, 136, 103484.	1.7	16
28	A comparative analysis of urban impervious surface and green space and their dynamics among 318 different size cities in China in the past 25 years. Science of the Total Environment, 2020, 706, 135828.	3.9	57
29	Spatiotemporal Variability of Tropical Cyclone Precipitation Using a High-Resolution, Gridded (0.25° × 0.25°) Reanalysis. Journal of Climate, 2020, 33, 1111-1124.	1.2	11
30	Constructing Hurricane Florence's Flooding: Comparing Local and National News. Journalism Practice, 2022, 16, 1057-1077.	1.5	2
31	Dynamic Changes, Spatiotemporal Differences and Factors Influencing the Urban Eco-Efficiency in the Lower Reaches of the Yellow River. International Journal of Environmental Research and Public Health, 2020, 17, 7510.	1.2	18
32	Race and affluence shape spatio-temporal urbanization trends in Greater Houston, 1997 to 2016. Land Use Policy, 2020, 99, 105093.	2.5	4
33	Contribution of Remote Sensing Technologies to a Holistic Coastal and Marine Environmental Management Framework: A Review. Remote Sensing, 2020, 12, 2313.	1.8	67
34	Effects of climate change on the movement of future landfalling Texas tropical cyclones. Nature Communications, 2020, 11, 3319.	5.8	32
35	A city-scale assessment of emergency response accessibility to vulnerable populations and facilities under normal and pluvial flood conditions for Shanghai, China. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 2239-2253.	1.0	11
36	Determinant Role of Aerosols From Industrial Sources in Hurricane Harvey's Catastrophe. Geophysical Research Letters, 2020, 47, e2020GL090014.	1.5	7

#	ARTICLE	IF	CITATIONS
37	An assessment of the spatial distribution of shallow landslides induced by Hurricane María in Puerto Rico. <i>Physical Geography</i> , 2022, 43, 163-191.	0.6	8
38	Home buyouts: a tool for mitigation or recovery?. <i>Disaster Prevention and Management</i> , 2020, 29, 497-510.	0.6	22
39	Flood Risks in Sinking Delta Cities: Time for a Reevaluation?. <i>Earth's Future</i> , 2020, 8, e2020EF001614.	2.4	38
40	Assessing the Effects of Urban Landscape Area and Pattern Change on Flood Events in Qinhuai River Basin, China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, 05020031.	0.8	1
41	Anatomy of susceptibility for shelter-in-place households facing infrastructure service disruptions caused by natural hazards. <i>International Journal of Disaster Risk Reduction</i> , 2020, 50, 101875.	1.8	19
42	New Scheme for Impervious Surface Area Mapping From SAR Images With Auxiliary User-Generated Content. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 5954-5970.	2.3	2
43	Flood risk in past and future: A case study for the Pawtuxet River's record-breaking March 2010 flood event. <i>Journal of Flood Risk Management</i> , 2020, 13, e12655.	1.6	4
44	Characterizing spatiotemporal trends in extreme precipitation in Southeast Texas. <i>Natural Hazards</i> , 2020, 104, 1597-1621.	1.6	9
45	Projected Climate Change Impacts on Hurricane Storm Surge Inundation in the Coastal United States. <i>Frontiers in Built Environment</i> , 2020, 6, .	1.2	23
46	Impacts of climate change on hurricane flood hazards in Jamaica Bay, New York. <i>Climatic Change</i> , 2020, 163, 2153-2171.	1.7	18
47	Perception and risk of Covid-19 and climate change: investigating analogies in a common framework. <i>Global Sustainability</i> , 2020, 3, .	1.6	3
48	Urbanization and Increasing Flood Risk in the Northern Coast of Central Java—Indonesia: An Assessment towards Better Land Use Policy and Flood Management. <i>Land</i> , 2020, 9, 343.	1.2	47
49	Flood Hazard and Risk Assessment of Extreme Weather Events Using Synthetic Aperture Radar and Auxiliary Data: A Case Study. <i>Remote Sensing</i> , 2020, 12, 3588.	1.8	12
50	Attribution of Amazon floods to modes of climate variability: A review. <i>Meteorological Applications</i> , 2020, 27, e1949.	0.9	18
51	Exploring the Driving Factors of the Spatiotemporal Variation of Precipitation in the Jing-Jin-Ji Urban Agglomeration from 2000 to 2015. <i>Sustainability</i> , 2020, 12, 7426.	1.6	3
52	High-spatiotemporal-resolution mapping of global urban change from 1985 to 2015. <i>Nature Sustainability</i> , 2020, 3, 564-570.	11.5	391
53	Quantifying the Impact of Excess Moisture From Transpiration From Crops on an Extreme Heat Wave Event in the Midwestern U.S.: A Top-Down Constraint From Moderate Resolution Imaging Spectroradiometer Water Vapor Retrieval. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031941.	1.2	5
54	Mapping global urban land for the 21st century with data-driven simulations and Shared Socioeconomic Pathways. <i>Nature Communications</i> , 2020, 11, 2302.	5.8	274

#	ARTICLE	IF	CITATIONS
55	Scaling responses of leaf nutrient stoichiometry to the lakeshore flooding duration gradient across different organizational levels. <i>Science of the Total Environment</i> , 2020, 740, 139740.	3.9	11
56	Linking a Storm Water Management Model to a Novel Two-Dimensional Model for Urban Pluvial Flood Modeling. <i>International Journal of Disaster Risk Science</i> , 2020, 11, 508-518.	1.3	31
57	Modeling Urban Flood Inundation and Recession Impacted by Manholes. <i>Water (Switzerland)</i> , 2020, 12, 1160.	1.2	24
58	Synergetic Use of the WSR-88D Radars, GOES-R Satellites, and Lightning Networks to Study Microphysical Characteristics of Hurricanes. <i>Journal of Applied Meteorology and Climatology</i> , 2020, 59, 1051-1068.	0.6	15
59	Mapping global urban boundaries from the global artificial impervious area (GAIA) data. <i>Environmental Research Letters</i> , 2020, 15, 094044.	2.2	240
60	Comparing floodplain evolution in channelized and unchannelized urban watersheds in Houston, Texas. <i>Journal of Flood Risk Management</i> , 2020, 13, e12604.	1.6	22
61	Building resilience to natural hazards through coastal governance: a case study of Hurricane Harvey recovery in Gulf of Mexico communities. <i>Ecological Economics</i> , 2020, 176, 106759.	2.9	23
62	Will climate change make Chinese people more comfortable? A scenario analysis based on the weather preference index. <i>Environmental Research Letters</i> , 2020, 15, 084028.	2.2	5
63	Strong Intensification of Hourly Rainfall Extremes by Urbanization. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088758.	1.5	62
64	Greater flood risks in response to slowdown of tropical cyclones over the coast of China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14751-14755.	3.3	67
65	On the Applicability of the Expected Waiting Time Method in Nonstationary Flood Design. <i>Water Resources Management</i> , 2020, 34, 2585-2601.	1.9	15
66	Effects of urbanization on extreme rainfall in an arid/semiarid region. <i>Atmospheric Science Letters</i> , 2020, 21, e966.	0.8	6
67	Can Remote Sensing Technologies Capture the Extreme Precipitation Event and Its Cascading Hydrological Response? A Case Study of Hurricane Harvey Using EF5 Modeling Framework. <i>Remote Sensing</i> , 2020, 12, 445.	1.8	23
68	The Role of Urban Growth in Resilience of Communities Under Flood Risk. <i>Earth's Future</i> , 2020, 8, e2019EF001382.	2.4	63
69	Deep-learning-based information mining from ocean remote-sensing imagery. <i>National Science Review</i> , 2020, 7, 1584-1605.	4.6	197
70	Natech or natural? An analysis of hazard perceptions, institutional trust, and future storm worry following Hurricane Harvey. <i>Natural Hazards</i> , 2020, 102, 1207-1224.	1.6	9
71	Evaluation of Hurricane Harvey (2017) Rainfall in Deterministic and Probabilistic HWRF Forecasts. <i>Atmosphere</i> , 2020, 11, 666.	1.0	10
72	Citizen Science-Informed Community Master Planning: Land Use and Built Environment Changes to Increase Flood Resilience and Decrease Contaminant Exposure. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 486.	1.2	29

#	ARTICLE	IF	CITATIONS
73	Measuring performance of low impact development practices for the surface runoff management. <i>Environmental Science and Ecotechnology</i> , 2020, 1, 100010.	6.7	27
74	Evaluation of risk perception, knowledge, and preparedness of extreme storm events for the improvement of coastal resilience among migrants: A lesson from Hong Kong. <i>Population, Space and Place</i> , 2020, 26, e2318.	1.2	10
75	Causal Effect of Impervious Cover on Annual Flood Magnitude for the United States. <i>Geophysical Research Letters</i> , 2020, 47, no.	1.5	55
76	Leveraging machine learning for predicting flash flood damage in the Southeast US. <i>Environmental Research Letters</i> , 2020, 15, 024011.	2.2	48
77	Analyses Through the Metastatistical Extreme Value Distribution Identify Contributions of Tropical Cyclones to Rainfall Extremes in the Eastern United States. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087238.	1.5	29
78	Urban flood inundation and damage assessment based on numerical simulations of design rainstorms with different characteristics. <i>Science China Technological Sciences</i> , 2020, 63, 2292-2304.	2.0	37
79	CN-China: Revised runoff curve number by using rainfall-runoff events data in China. <i>Water Research</i> , 2020, 177, 115767.	5.3	57
80	Urbanization Enhanced Summertime Extreme Hourly Precipitation over the Yangtze River Delta. <i>Journal of Climate</i> , 2020, 33, 5809-5826.	1.2	53
81	Effects of tropical North Atlantic sea surface temperature on intense tropical cyclones landfalling in China. <i>International Journal of Climatology</i> , 2021, 41, 1056-1065.	1.5	8
82	Using big data analytics to synthesize research domains and identify emerging fields in urban climatology. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2021, 12, .	3.6	7
83	Urban-induced modifications to the diurnal cycle of rainfall over a tropical city. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 1189-1201.	1.0	24
84	Evaluating the runoff storage supply-demand structure of green infrastructure for urban flood management. <i>Journal of Cleaner Production</i> , 2021, 280, 124420.	4.6	31
85	Soil Moisture Responses Associated with Significant Tropical Cyclone Rainfall Events. <i>Journal of Operational Meteorology</i> , 0, , 1-17.	0.9	1
86	Influence of impervious surface expansion on flood peak under urbanization—A case study of Qinhuai River in Nanjing. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2021, 33, 1574-1583.	0.3	3
87	Predicting Future Urban Flood Risk Using Land Change and Hydraulic Modeling in a River Watershed in the Central Province of Vietnam. <i>Remote Sensing</i> , 2021, 13, 262.	1.8	31
88	Spatially Explicit Evaluation and Driving Factor Identification of Land Use Conflict in Yangtze River Economic Belt. <i>Land</i> , 2021, 10, 43.	1.2	33
89	Soil Moisture Responses Associated with Significant Tropical Cyclone Rainfall Events. <i>Journal of Operational Meteorology</i> , 0, , 1-17.	0.9	0
90	Climate and land use change induced future flood susceptibility assessment in a sub-tropical region of India. <i>Soft Computing</i> , 2021, 25, 5925-5949.	2.1	27

#	ARTICLE	IF	CITATIONS
91	Impacts of urbanization on precipitation patterns in the greater Beijing-Tianjin-Hebei metropolitan region in northern China. <i>Environmental Research Letters</i> , 2021, 16, 014042.	2.2	13
92	Natural Hazards, Landscapes and Civilizations. , 2022, , 620-634.		4
93	Rainfall, anthropogenic soil sealing, and floods. An example from southeastern Spain. , 2021, , 499-520.		0
94	Hemodialysis Clinics in Flood Zones: A Case Study of Hurricane Harvey. <i>Prehospital and Disaster Medicine</i> , 2021, 36, 135-140.	0.7	5
96	Hurricane Harvey: equal opportunity storm or disparate disaster?. <i>Local Environment</i> , 2021, 26, 216-238.	1.1	7
97	Global Population Exposed to Extreme Events in the 150 Most Populated Cities of the World: Implications for Public Health. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1293.	1.2	6
98	A new approach to estimating flood-affected populations by combining mobility patterns with multi-source data: A case study of Wuhan, China. <i>International Journal of Disaster Risk Reduction</i> , 2021, 55, 102106.	1.8	19
99	Measuring inequality in community resilience to natural disasters using large-scale mobility data. <i>Nature Communications</i> , 2021, 12, 1870.	5.8	73
100	Exploring the effect of urbanization on hourly extreme rainfall over Yangtze River Delta of China. <i>Urban Climate</i> , 2021, 36, 100781.	2.4	31
101	Examining the potential impacts of processes associated with urbanization and land use changes on inundation depths in areas affected by Hurricane Harvey in Houston. <i>Community Development</i> , 0, , 1-13.	0.5	0
102	Updating <scp>intensity-duration-frequency</scp> curves for urban infrastructure design under a changing environment. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1519.	2.8	25
103	Tropical cyclone precipitation in the HighResMIP atmosphere-only experiments of the PRIMAVERA Project. <i>Climate Dynamics</i> , 2021, 57, 253-273.	1.7	23
104	Simultaneous and collocated tornado and flash flood warnings associated with tropical cyclones in the contiguous United States. <i>International Journal of Climatology</i> , 2021, 41, 4253-4264.	1.5	3
105	Precipitation response to climate change and urban development over the continental United States. <i>Environmental Research Letters</i> , 2021, 16, 044001.	2.2	34
106	Dams and Climate Interact to Alter River Flow Regimes Across the United States. <i>Earth's Future</i> , 2021, 9, e2020EF001816.	2.4	30
107	Significant Impacts of Rainfall Redistribution through the Roof of Buildings on Urban Hydrology. <i>Journal of Hydrometeorology</i> , 2021, 22, 1007-1023.	0.7	7
108	Assessment of Future Flood Hazards for Southeastern Texas: Synthesizing Subsidence, Sea-Level Rise, and Storm Surge Scenarios. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092544.	1.5	14
109	Scenarios of Human Responses to Unprecedented Social-Environmental Extreme Events. <i>Earth's Future</i> , 2021, 9, e2020EF001911.	2.4	15

#	ARTICLE	IF	CITATIONS
110	Spatio-temporal distribution of the rainstorm in the east side of the Helan Mountain and the possible causes of its variability. <i>Atmospheric Research</i> , 2021, 252, 105469.	1.8	5
111	Characterizing the responses of local floods to changing climate in three different hydroclimatic regions across the United States. <i>Advances in Water Resources</i> , 2021, 150, 103885.	1.7	6
112	A New Extreme Detection Method for Remote Compound Extremes in Southeast China. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	1
113	Evaluating Variations in Tropical Cyclone Precipitation in Eastern Mexico Using Machine Learning Techniques. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034604.	1.2	4
114	Review of Statistical Analysis of Hydrologic Variables: Methods and Applications edited by Ramesh S. V. Teegavarapu, Jose D. Salas, and Jerry R. Stedinger ASCE, Reston, VA; 2019; ISBN: 9780784415177; 556App.; \$195.00.. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021, 26, 07521001.	0.8	0
115	Vacant land, flood exposure, and urbanization: Examining land cover change in the Dallas-Fort Worth metro area. <i>Landscape and Urban Planning</i> , 2021, 209, 104047.	3.4	11
116	Do carbon emissions accelerate low-carbon innovation? Evidence from 285 Chinese prefecture-level cities. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50510-50524.	2.7	12
117	Statistical seasonal forecasting of tropical cyclones over the western North Pacific. <i>Environmental Research Letters</i> , 2021, 16, 074027.	2.2	5
118	Use of Radar Quantitative Precipitation Estimates (QPEs) for Improved Hydrological Model Calibration and Flood Forecasting. <i>Journal of Hydrometeorology</i> , 2021, , .	0.7	6
119	Attributable human-induced changes in the magnitude of flooding in the Houston, Texas region during Hurricane Harvey. <i>Climatic Change</i> , 2021, 166, 1.	1.7	16
120	Flood Disaster Hazards; Causes, Impacts and Management: A State-of-the-Art Review. , 0, , .		8
121	Increasing Compound Heat and Precipitation Extremes Elevated by Urbanization in South China. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	25
122	Flood modeling of Sungai Pinang Watershed under the impact of urbanization. <i>Tropical Cyclone Research and Review</i> , 2021, 10, 96-105.	1.0	4
123	Analysis of the Daytime Urban Heat Island Mechanism in East China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034066.	1.2	4
124	Vegetation structure drives forest phenological recovery after hurricane. <i>Science of the Total Environment</i> , 2021, 774, 145651.	3.9	7
125	The architecture and application of an automatic operational model system for basin scale water environment management and design making supporting. <i>Journal of Environmental Management</i> , 2021, 290, 112577.	3.8	5
126	Design flood estimation with varying record lengths in Norway under stationarity and nonstationarity scenarios. <i>Hydrology Research</i> , 2021, 52, 1596-1614.	1.1	9
127	Evolution of Frequency and Intensity of Concurrent Heavy Precipitation and Storm Surge at the Global Scale: Implications for Compound Floods. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	8

#	ARTICLE	IF	CITATIONS
128	The constituent components and local indicator variables of social vulnerability index. <i>Natural Hazards</i> , 2022, 110, 95-120.	1.6	4
129	Urbanization increased annual precipitation in temperate climate zone: A case in Beijing-Tianjin-Hebei region of North China. <i>Ecological Indicators</i> , 2021, 126, 107621.	2.6	16
130	Global compound floods from precipitation and storm surge: Hazards and the roles of cyclones. <i>Journal of Climate</i> , 2021, , 1-55.	1.2	16
131	Floods in Provence-Alpes-Côte d'Azur and lessons for French flood risk governance. <i>Natural Hazards</i> , 2021, 109, 1959-1980.	1.6	3
132	Performance of Multi-Radar Multi-Sensor (MRMS) product in monitoring precipitation under extreme events in Harris County, Texas. <i>Journal of Hydrology</i> , 2021, 598, 126385.	2.3	4
133	Hindcast of pluvial, fluvial, and coastal flood damage in Houston, Texas during Hurricane Harvey (2017) using SFINCS. <i>Natural Hazards</i> , 2021, 109, 2343-2362.	1.6	19
134	Nonstationary weather and water extremes: a review of methods for their detection, attribution, and management. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 3897-3935.	1.9	109
135	Elevated risk of tropical cyclone precipitation and pluvial flood in Houston under global warming. <i>Environmental Research Letters</i> , 2021, 16, 094030.	2.2	20
136	The Inland Maintenance and Reintensification of Tropical Storm Bill (2015) Part 1: Contributions of the Brown Ocean Effect. <i>Journal of Hydrometeorology</i> , 2021, , .	0.7	1
137	Analysis of bacterial communities associated with Mountain Chickadees (<i>Poecile gambeli</i>) across urban and rural habitats. <i>Canadian Journal of Microbiology</i> , 2021, 67, 572-583.	0.8	4
138	Hurricane storm surge: toward a normalized damage index for coastal regions. <i>Natural Hazards</i> , 2022, 110, 1179-1197.	1.6	4
139	Combining Costing Nature and Suitability Modeling to Identify High Flood Risk Areas in Need of Nature-Based Services. <i>Land</i> , 2021, 10, 853.	1.2	8
140	Impacts of land use and land cover change and reforestation on summer rainfall in the Yangtze River basin. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 4531-4548.	1.9	3
141	Tropical Cyclones' Contribution to Seasonal Precipitation and Streamflow Over the Southeastern and Southcentral United States. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094738.	1.5	6
142	Extreme Translation Events of Atlantic Tropical Cyclones. <i>Atmosphere</i> , 2021, 12, 1032.	1.0	3
143	Shaping urbanization to achieve communities resilient to floods. <i>Environmental Research Letters</i> , 2021, 16, 094033.	2.2	19
144	Effectiveness of urban surface characteristics as mitigation strategies for the excessive summer heat in cities. <i>Sustainable Cities and Society</i> , 2021, 72, 103072.	5.1	15
145	Stressors and Infrastructure Resilience. , 2021, , 59-128.		0

#	ARTICLE	IF	CITATIONS
146	Propagation of radar rainfall uncertainties into urban pluvial flood modeling during the North American monsoon. <i>Hydrological Sciences Journal</i> , 2021, 66, 2232-2248.	1.2	12
147	Examining the Potential Impacts of Social Vulnerability on Damage Levels in Areas Affected by Hurricane Harvey. <i>Journal of Homeland Security and Emergency Management</i> , 2021, .	0.2	0
148	Impact of heat storage on remote-sensing based quantification of anthropogenic heat in urban environments. <i>Remote Sensing of Environment</i> , 2021, 262, 112520.	4.6	14
149	Observation and modeling of Hurricane Maria for damage assessment. <i>Weather and Climate Extremes</i> , 2021, 33, 100331.	1.6	8
150	A plan evaluation framework for examining stakeholder policy preferences in resilience planning and management of urban systems. <i>Environmental Science and Policy</i> , 2021, 124, 125-134.	2.4	10
151	Flood drainage rights in watersheds based on the harmonious allocation method. <i>Journal of Hydrology</i> , 2021, 601, 126627.	2.3	4
152	Evaluating the uncertainty of eight approaches for separating the impacts of climate change and human activities on streamflow. <i>Journal of Hydrology</i> , 2021, 601, 126605.	2.3	23
153	Cytotoxicity analysis of pre- and post-hurricane harvey soil samples collected from greater houston bayous. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112600.	2.9	1
154	Assessment of transportation system disruption and accessibility to critical amenities during flooding: Iowa case study. <i>Science of the Total Environment</i> , 2021, 793, 148476.	3.9	37
155	Hurricane/tropical storm rainwater chemistry in the US (from 2008 to 2019). <i>Science of the Total Environment</i> , 2021, 798, 149009.	3.9	6
156	A long-term perspective of hydroclimatological impacts of tropical cyclones on regional heavy precipitation over eastern monsoon China. <i>Atmospheric Research</i> , 2021, 264, 105862.	1.8	10
157	Human-driven greenhouse gas and aerosol emissions cause distinct regional impacts on extreme fire weather. <i>Nature Communications</i> , 2021, 12, 212.	5.8	58
158	Modeling Urban Futures: Data-Driven Scenarios of Climate Change and Vulnerability in Cities. <i>Urban Book Series</i> , 2021, , 129-144.	0.3	3
160	Social inequalities in flooding inside and outside of floodplains during Hurricane Harvey. <i>Environmental Research Letters</i> , 2020, 15, 0940b3.	2.2	35
161	Impacts of urbanization, antecedent rainfall event, and cyclone tracks on extreme floods at Houston reservoirs during Hurricane Harvey. <i>Environmental Research Letters</i> , 2020, 15, 124012.	2.2	7
162	Comparison of Local, Regional, and Scaling Models for Rainfall Intensityâ€“Durationâ€“Frequency Analysis. <i>Journal of Applied Meteorology and Climatology</i> , 2020, 59, 1519-1536.	0.6	9
163	A Bayesian Correction Approach for Improving Dual-frequency Precipitation Radar Rainfall Rate Estimates. <i>Journal of the Meteorological Society of Japan</i> , 2020, 98, 511-525.	0.7	8
164	Impact of urbanization on variability of annual and flood season precipitation in a typical city of North China. <i>Hydrology Research</i> , 2020, 51, 1150-1169.	1.1	2

#	ARTICLE	IF	CITATIONS
165	Assessment on the Effectiveness of Urban Stormwater Management. <i>Water (Switzerland)</i> , 2021, 13, 4.	1.2	27
166	Compound Hydrometeorological Extremes: Drivers, Mechanisms and Methods. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	20
167	Unraveling the complexity of human behavior and urbanization on community vulnerability to floods. <i>Scientific Reports</i> , 2021, 11, 20085.	1.6	19
168	Cyclones and Global Floods from an Observation-Simulation Evaluation: Contributions and Long-Term Changes. <i>Water (Switzerland)</i> , 2021, 13, 2965.	1.2	0
169	Spatiotemporal patterns and inequity of urban green space accessibility and its relationship with urban spatial expansion in China during rapid urbanization period. <i>Science of the Total Environment</i> , 2022, 809, 151123.	3.9	30
170	Urbanization Exacerbated Rainfall Over European Suburbs Under a Warming Climate. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095987.	1.5	23
171	Research Progress for Dynamic Effects of Cities on Precipitation: A Review. <i>Atmosphere</i> , 2021, 12, 1355.	1.0	6
172	Comparing the Influence of Global Warming and Urban Anthropogenic Heat on Extreme Precipitation in Urbanized Pearl River Delta Area Based on Dynamical Downscaling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035047.	1.2	16
173	Density management strategy for overstory and understory of urban woodland based on ecological size-density allometry. <i>Urban Forestry and Urban Greening</i> , 2021, 66, 127379.	2.3	2
174	Improving Urban Flood Resilience under Climate Change Scenarios in a Tropical Watershed Using Low-Impact Development Practices. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021, 26, .	0.8	10
175	A comparative study of extensive machine learning models for predicting long-term monthly rainfall with an ensemble of climatic and meteorological predictors. <i>Hydrological Processes</i> , 2021, 35, e14424.	1.1	17
176	Impacts of Urban Expansion on the Diurnal Variations of Summer Monsoon Precipitation Over the South China Coast. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035318.	1.2	7
177	Assessing the Trustworthiness of Crowdsourced Rainfall Networks: A Reputation System Approach. <i>Water Resources Research</i> , 2021, 57, e2021WR029721.	1.7	8
178	Hydrometeorology and hydrology of flooding in Cape Fear River basin during Hurricane Florence in 2018. <i>Journal of Hydrology</i> , 2021, 603, 127139.	2.3	6
179	Tropical Cyclone Flooding in the Carolinas. <i>Journal of Hydrometeorology</i> , 2022, 23, 53-70.	0.7	2
180	Winter Warming in North America Induced by Urbanization in China. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095465.	1.5	4
181	Urban sprawl can inhibit convection and decrease rainfall over an Amazonian city during a squall line type phenomenon. <i>Urban Climate</i> , 2021, 40, 101023.	2.4	1
182	Advancing Freshmen Engineering Education by Utilizing the Impact of 2017 Storms on U.S Infrastructure. , 0, , .		1

#	ARTICLE	IF	CITATIONS
183	PRESIDENT'S ADDRESS: PUTTING "CLIMATE" BACK INTO THE "CLIMATOLOGICAL". Transactions of the American Clinical and Climatological Association, 2020, 131, 1-24.	0.9	0
184	Local interactions and homophily effects in actor collaboration networks for urban resilience governance. Applied Network Science, 2021, 6, .	0.8	4
185	Effect of increased greenhouse gas concentration on mean, extreme, and timing of precipitation over Arizona (<scp>USA</scp>). International Journal of Climatology, 2022, 42, 3776-3792.	1.5	7
186	New framework for assessing urban stormwater management measures in the context of climate change. Science of the Total Environment, 2022, 813, 151901.	3.9	14
187	An Urban Flooding Index for Unsupervised Inundated Urban Area Detection Using Sentinel-1 Polarimetric SAR Images. Remote Sensing, 2021, 13, 4511.	1.8	11
188	Process-oriented SWMM real-time correction and urban flood dynamic simulation. Journal of Hydrology, 2022, 605, 127269.	2.3	30
190	Future urban heat island influence on precipitation. Climate Dynamics, 2022, 58, 3393-3403.	1.7	23
191	AERA5-Asia: A Long-Term Asian Precipitation Dataset (0.1° , 1-hourly, 1951–2015, Asia) Anchoring the ERA5-Land under the Total Volume Control by APHRODITE. Bulletin of the American Meteorological Society, 2022, 103, E1146-E1171.	1.7	36
192	The impacts and its contribution rate of urbanization on extreme precipitation, 1976-2015: A case study in the Lake Taihu Plain region. Hupo Kexue/Journal of Lake Sciences, 2022, 34, 262-271.	0.3	1
193	Historical trend of probable maximum precipitation in Utah and associated weather types. International Journal of Climatology, 0, , .	1.5	0
194	Urbanization Impact on Regional Climate and Extreme Weather: Current Understanding, Uncertainties, and Future Research Directions. Advances in Atmospheric Sciences, 2022, 39, 819-860.	1.9	94
195	Effects of stormwater infrastructure data completeness and model resolution on urban flood modeling. Journal of Hydrology, 2022, 607, 127498.	2.3	17
196	Statistical Seasonal Forecasting of Tropical Cyclone Landfall on South China Utilizing Preseason Predictors. Frontiers in Earth Science, 2022, 9, .	0.8	1
197	Application of the WRF model rainfall product for the localized flood hazard modeling in a data-scarce environment. Natural Hazards, 0, , 1.	1.6	4
198	Flood mitigation data analytics and decision support framework: Iowa Middle Cedar Watershed case study. Science of the Total Environment, 2022, 814, 152768.	3.9	25
199	A global perspective on western Mediterranean precipitation extremes. Npj Climate and Atmospheric Science, 2022, 5, .	2.6	10
200	Ten facts about land systems for sustainability. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	157
201	Intensification of sub-daily rainfall extremes in a low-rise urban area. Urban Climate, 2022, 42, 101124.	2.4	20

#	ARTICLE	IF	CITATIONS
202	Uncertainty quantification in intensity-duration-frequency curves under climate change: Implications for flood-prone tropical cities. <i>Atmospheric Research</i> , 2022, 270, 106070.	1.8	11
203	<scp>PROâ€GROWTH ETHOS MEDIATED BY RACE</scp>: No <scp>YIMBY</scp>, No Zoning and the Housing Crisis in Houston. <i>International Journal of Urban and Regional Research</i> , 2022, 46, 301-306.	1.2	3
204	Tributary channel networks formed by depositional processes. <i>Nature Geoscience</i> , 2022, 15, 216-221.	5.4	6
205	Assessing Heavy Precipitation Risk Associated with Tropical Cyclones in China. <i>Journal of Applied Meteorology and Climatology</i> , 2022, 61, 577-591.	0.6	8
206	Spatiotemporal variability of eventâ€based rainstorm: The perspective of rainfall pattern and concentration. <i>International Journal of Climatology</i> , 2022, 42, 6258-6276.	1.5	9
207	Empirical Analysis of Factors Associated with Financial Loss due to Hurricane Harvey. , 2022, , .		0
208	Is the data suitable? The comparison of keyword versus location filters in crisis informatics using Twitter data. <i>International Journal of Information Management Data Insights</i> , 2022, 2, 100063.	6.5	6
209	The conterminous United States are projected to become more prone to flash floods in a high-end emissions scenario. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	17
210	Comprehensive flood vulnerability analysis in urban communities: Iowa case study. <i>International Journal of Disaster Risk Reduction</i> , 2022, 74, 102955.	1.8	18
211	Effect of green wall installation on urban heat island and building energy use: A climate-informed systematic literature review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 159, 112100.	8.2	50
212	An Overview of Flood Concepts, Challenges, and Future Directions. <i>Journal of Hydrologic Engineering - ASCE</i> , 2022, 27, .	0.8	36
213	Analysis of precipitation characteristics in Shanghai based on the visibility graph algorithm. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 597, 127227.	1.2	5
214	Methodology to quantify the role of intense precipitation runoff in soil moisture scarcity: a case study in the U.S. South from 1980-2020. <i>J Agricultural Meteorology</i> , 2022, 78, 78-87.	0.8	0
215	Sustainable city development challenged by extreme weather in a warming world. <i>Geography and Sustainability</i> , 2022, 3, 114-118.	1.9	6
216	Hydrological response in a highly urbanized watershed in China. <i>Journal of Water and Climate Change</i> , 0, , .	1.2	1
217	Appraisal of climate change and cyclone trends in Indian coastal states: a systematic approach towards climate action. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	11
221	Urban flood modeling: Perspectives, challenges, and opportunities. , 2022, , 47-60.		1
222	Assessment of Residentsâ€™ Hazard Adjustments in New York City. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
223	Sensitivity of peak flow response to imperviousness increase in a tropical Caribbean ungauged urban catchment. <i>Urban Water Journal</i> , 0, , 1-11.	1.0	0
224	Estimating the impact of urbanization on non-stationary models of extreme precipitation events in the Yangtze River Delta metropolitan region. <i>Weather and Climate Extremes</i> , 2022, 36, 100445.	1.6	7
225	Impacts of City Shape on Rainfall in Inland and Coastal Environments. <i>Earth's Future</i> , 2022, 10, .	2.4	10
226	Quantitative Stress Test of Compound Coastal-Fluvial Floods in China's Pearl River Delta. <i>Earth's Future</i> , 2022, 10, .	2.4	15
227	Increasing Atmospheric Extreme Events and Role of Disaster Risk Management: Dimensions and Approaches. <i>Disaster Resilience and Green Growth</i> , 2022, , 303-328.	0.2	1
228	Making waves: Uses of real-time, hyperlocal flood sensor data for emergency management, resiliency planning, and flood impact mitigation. <i>Water Research</i> , 2022, 220, 118648.	5.3	6
229	Parameterized Tropical Cyclone Precipitation Model for Catastrophe Risk Assessment in China. <i>Journal of Applied Meteorology and Climatology</i> , 2022, 61, 1291-1303.	0.6	3
230	Urban Pluvial Flood Modeling by Coupling Raster-Based Two-Dimensional Hydrodynamic Model and SWMM. <i>Water (Switzerland)</i> , 2022, 14, 1760.	1.2	5
231	Discovering Precursors to Tropical Cyclone Rapid Intensification in the Atlantic Basin Using Spatiotemporal Data Mining. <i>Atmosphere</i> , 2022, 13, 882.	1.0	0
232	Associating Increased Chemical Exposure to Hurricane Harvey in a Longitudinal Panel Using Silicone Wristbands. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6670.	1.2	7
233	Dominant Factors in the Temporal and Spatial Distribution of Precipitation Change in the Beijing-Tianjin-Hebei Urban Agglomeration. <i>Remote Sensing</i> , 2022, 14, 2880.	1.8	2
234	Simulation Performance Evaluation and Uncertainty Analysis on a Coupled Inundation Model Combining SWMM and WCA2D. <i>International Journal of Disaster Risk Science</i> , 2022, 13, 448-464.	1.3	13
235	A comprehensive framework model for the trend, period and evaluation of the precipitation enhancement effect: TPEM. <i>Water Science and Technology: Water Supply</i> , 0, , .	1.0	0
236	A modeling study of cloud physical properties of extreme and non-extreme precipitation in landfalling typhoons over China. <i>Atmospheric Research</i> , 2022, 277, 106311.	1.8	12
237	Strengthened tropical cyclones and higher flood risk under compound effect of climate change and urbanization across China's Greater Bay Area. <i>Urban Climate</i> , 2022, 44, 101224.	2.4	16
238	Evaluating the Risk and Complexity of Pluvial Flood Damage in the U.S.. <i>Water Economics and Policy</i> , 2022, 08, .	0.3	1
239	Impact assessment of climate change and urbanization on the nonstationarity of extreme precipitation: A case study in an urban agglomeration in the middle reaches of the Yangtze river. <i>Sustainable Cities and Society</i> , 2022, 85, 104038.	5.1	27
240	Health Risk Assessment and Influencing Factors Analysis of High Temperatures on Negative Emotions. <i>Buildings</i> , 2022, 12, 1040.	1.4	3

#	ARTICLE	IF	CITATIONS
242	Investigating the Physical Drivers for the Increasing Tropical Cyclone Rainfall Hazard in the United States. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
244	Federally Overlooked Flood Risk Inequities in Houston, Texas: Novel Insights Based on Dasymmetric Mapping and State-of-the-Art Flood Modeling. <i>Annals of the American Association of Geographers</i> , 2023, 113, 240-260.	1.5	4
245	Spatiotemporal Evolution of Urban Rain Islands in China under the Conditions of Urbanization and Climate Change. <i>Remote Sensing</i> , 2022, 14, 4159.	1.8	5
246	Mapping urban land dynamics by automatic generation of ground samples from Globeland30 and random forest classification on the Google Earth Engine. <i>Journal of Applied Remote Sensing</i> , 2022, 16, .	0.6	2
247	Land-cover change and urban growth in the Mexico-Lerma-Cutzamala Hydrological Region, 1993â€“2018. <i>Applied Geography</i> , 2022, 147, 102785.	1.7	3
248	Examinations on global changes in the total and spatial extent of tropical cyclone precipitation relating to rapid intensification. <i>Science of the Total Environment</i> , 2022, 853, 158555.	3.9	1
249	Hurricane Risk Management Strategies for Insurers in a Changing Climate. <i>Hurricane Risk B</i> , 2022, , 1-23.	0.1	1
250	An ASBPA White Paper: U.S. community perspectives on coastal flooding. <i>Shore and Beach</i> , 2022, , 17-29.	0.2	1
251	A Framework for Mechanistic Flood Inundation Forecasting at the Metropolitan Scale. <i>Water Resources Research</i> , 2022, 58, .	1.7	14
252	Coliform pollution mapping in major watersheds along Jhelum River Basin of Kashmir Himalaya. <i>Environmental Science and Pollution Research</i> , 2023, 30, 7930-7941.	2.7	4
253	Climate and land management accelerate the Brazilian water cycle. <i>Nature Communications</i> , 2022, 13, .	5.8	38
254	Urbanizing the floodplain: global changes of imperviousness in flood-prone areas. <i>Environmental Research Letters</i> , 2022, 17, 104024.	2.2	15
255	Evaluation of different parameterization schemes in the WRF model for assessment of meteorological conditions over an industrial region in South-East India. <i>Theoretical and Applied Climatology</i> , 2022, 150, 1045-1066.	1.3	3
256	Topographical Characteristics of Frequent Urban Pluvial Flooding Areas in Osaka and Nagoya Cities, Japan. <i>Water (Switzerland)</i> , 2022, 14, 2795.	1.2	3
257	Analysis of Influencing Factors of Urban Community Function Loss in China under Flood Disaster Based on Social Network Analysis Model. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 11094.	1.2	2
258	The quantity-quality and gain-loss conversion pattern of green vegetation during urbanization reveals the importance of protecting natural forest ecosystems. <i>Landscape Ecology</i> , 2022, 37, 2929-2945.	1.9	3
259	A comparison study on the role of urbanization in altering the short-duration and long-duration intense rainfall. <i>Science of the Total Environment</i> , 2023, 857, 159290.	3.9	1
260	Tree-like evolution pathways of global urban land expansion. <i>Journal of Cleaner Production</i> , 2022, 378, 134562.	4.6	7

#	ARTICLE	IF	CITATIONS
261	Urbanization-Induced Increases in Heavy Precipitation are Magnified by Moist Heatwaves in an Urban Agglomeration of East China. <i>Journal of Climate</i> , 2023, 36, 693-709.	1.2	7
262	Changes in extreme rainfall over mainland China induced by landfalling tropical cyclones. <i>Environmental Research Communications</i> , 0, , .	0.9	2
263	The relative importance of antecedent soil moisture and precipitation in flood generation in the middle and lower Yangtze River basin. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 4919-4931.	1.9	7
264	Flood Risk Mitigation and Valve Control in Stormwater Systems: State-Space Modeling, Control Algorithms, and Case Studies. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2022, 148, .	1.3	2
265	Large and inequitable flood risks in Los Angeles, California. <i>Nature Sustainability</i> , 2023, 6, 47-57.	11.5	20
266	Identifying interlinkages between urbanization and Sustainable Development Goals. <i>Geography and Sustainability</i> , 2022, 3, 339-346.	1.9	16
267	Site Selection of Urban Parks Based on Fuzzy-Analytic Hierarchy Process (F-AHP): A Case Study of Nanjing, China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 13159.	1.2	10
268	Assessment of the benefits of climate model weights for ensemble analysis in three urban precipitation frequency studies. <i>Journal of the American Water Resources Association</i> , 0, , .	1.0	0
269	Assessing changes in food pantry access after extreme events. <i>Agriculture and Human Values</i> , 2023, 40, 619-634.	1.7	3
270	Projection of Streamflow Change Using a Time-Varying Budyko Framework in the Contiguous United States. <i>Water Resources Research</i> , 2022, 58, .	1.7	6
271	Deciphering human influence on annual maximum flood extent at the global level. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	6
272	Modeling Urban Impact on Zhengzhou Storm on July 20, 2021. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	5
273	A Coupled River Basin-Urban Hydrological Model (DRIVE-Urban) for Real-Time Urban Flood Modeling. <i>Water Resources Research</i> , 2022, 58, .	1.7	9
274	Tropical cyclone over the western Pacific triggers the record-breaking $\sim 21/7^{\text{TM}}$ extreme rainfall in Henan, central-eastern China. <i>Environmental Research Letters</i> , 2022, 17, 124003.	2.2	7
275	Wave induced coastal flooding along the southwest coast of India during tropical cyclone Tauktae. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
276	An analytical approximation of urban heat and dry islands and their impact on convection triggering. <i>Urban Climate</i> , 2022, 46, 101346.	2.4	5
277	Study on outdoor thermal comfort of factory areas during winter in hot summer and cold winter zone of China. <i>Building and Environment</i> , 2023, 228, 109883.	3.0	19
278	Evaluating the impact of climate change on future bioretention performance across the contiguous United States. <i>Journal of Hydrology</i> , 2023, 616, 128771.	2.3	5

#	ARTICLE	IF	CITATIONS
279	Combining radar quantitative precipitation estimates (QPEs) with distributed hydrological model for controlling transit of flash-flood upstream of crowded human habitats in Romania. <i>Natural Hazards</i> , 0, , .	1.6	1
281	Recent trends in tropical cyclones over the Arabian Sea and the vulnerability of India's west coast. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	1
282	Numerical Simulation of the Diurnal Cycle of a Precipitation System during KWAJEX by 2D and 3D Cloud-Resolving Models. <i>Remote Sensing</i> , 2022, 14, 5955.	1.8	0
283	Projecting Compound Flood Hazard Under Climate Change With Physical Models and Joint Probability Methods. <i>Earth's Future</i> , 2022, 10, .	2.4	9
284	Quantifying the evolving role of intense precipitation runoff when calculating soil moisture trends in east Texas. <i>Meteorology and Atmospheric Physics</i> , 2023, 135, .	0.9	0
285	Exposure to precipitation from tropical cyclones has increased over the continental United States from 1948 to 2019. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	1
287	Climate change and human activity impacts on future flood risk in the Pearl River Delta based on the MaxEnt model. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	1
288	United States Federal Emergency Management Agency regional clustering by disaster exposure: a new paradigm for disaster response. <i>Natural Hazards</i> , 2023, 116, 3427-3445.	1.6	1
289	The quantitative assessment of impact of pumping capacity and LID on urban flood susceptibility based on machine learning. <i>Journal of Hydrology</i> , 2023, 617, 129116.	2.3	7
290	Record-breaking rainfall accumulations in eastern China produced by Typhoon Infa (2021). <i>Atmospheric Science Letters</i> , 2023, 24, .	0.8	4
291	Assessment of the urban waterlogging resilience and identification of its driving factors: A case study of Wuhan City, China. <i>Science of the Total Environment</i> , 2023, 866, 161321.	3.9	19
292	Drivers of past and future changes in weather, climate and ocean extremes. , 2023, , 195-268.		0
293	Deep Convolutional Neural Networks-Based Coastal Inundation Mapping from SAR Imagery: with One Application Case for Bangladesh, a UN-defined Least Developed Country. , 2023, , 227-251.		0
294	Continuous Long Time Series Monitoring of Urban Construction Land in Supporting the SDG 11.3.1's A Case Study of Nanning, Guangxi, China. <i>Land</i> , 2023, 12, 452.	1.2	4
295	Comparing the cooling effectiveness of operationalisable urban surface combination scenarios for summer heat mitigation. <i>Science of the Total Environment</i> , 2023, 874, 162476.	3.9	2
296	Assessing urban flooding risk in response to climate change and urbanization based on shared socio-economic pathways. <i>Science of the Total Environment</i> , 2023, 880, 163470.	3.9	9
297	Fluvial Flood Losses in the Contiguous United States Under Climate Change. <i>Earth's Future</i> , 2023, 11, .	2.4	2
298	Nonstationary Hydrological Distribution Estimation Using Hierarchical Model with Stochastic Covariates. <i>Journal of Hydrologic Engineering - ASCE</i> , 2023, 28, .	0.8	0

#	ARTICLE	IF	CITATIONS
299	Urban Impact on Landfalling Tropical Cyclone Precipitation: A Numerical Study of Typhoon Rumbia (2018). <i>Advances in Atmospheric Sciences</i> , 2023, 40, 988-1004.	1.9	0
300	Driving mechanisms of urbanization: Evidence from geographical, climatic, social-economic and nighttime light data. <i>Ecological Indicators</i> , 2023, 148, 110046.	2.6	11
301	North Atlantic Tropical Cyclone Size and Storm Surge Reconstructions From 1950â€Present. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	3
302	Divergent Urban Signatures in Rainfall Anomalies Explained by Preâ€Storm Environment Contrast. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	2
303	Assessment of future flood risk induced by sea level rise and tropical cyclones under global warming in the Xiamen Bay, Fujian, China. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	0
304	Assessing specific differential phase (<i>K_{DP}</i>)-based quantitative precipitation estimation for the record-breaking rainfall over Zhengzhou city on 20July2021. <i>Hydrology and Earth System Sciences</i> , 2023, 27, 1033-1046.	1.9	4
305	Urban Flooding Risk Assessment in the Rural-Urban Fringe Based on a Bayesian Classifier. <i>Sustainability</i> , 2023, 15, 5740.	1.6	2
321	Flood Disaster Hazards: A State-of-the-Art Review of Causes, Impacts, and Monitoring. <i>Advances in Geographical and Environmental Sciences</i> , 2023, , 77-95.	0.4	1
342	Integrating Radar Backscattering and Flood Water Depth Information for Improved Flood Mapping: A Case Study in Houston City. , 2023, , .		0
365	Climate change and human health: Primary, secondary, and tertiary effects. , 2024, , 213-240.		0
375	Impact of Anthropogenic Activities on Microbial Diversity and Soil Health. <i>Microorganisms for Sustainability</i> , 2024, , 227-248.	0.4	0