Michael Hagenlocher

List of Publications by Year
in descending order

35 papers	1,409 citations	361045 20 h-index	454577 30 g-index
43 all docs	43 docs citations	43 times ranked	1796 citing authors

#	Article	IF	Citations
1	Global-scale drought risk assessment for agricultural systems. Natural Hazards and Earth System Sciences, 2020, 20, 695-712.	1.5	136
2	Drought vulnerability and risk assessments: state of the art, persistent gaps, and research agenda. Environmental Research Letters, 2019, 14, 083002.	2.2	133
3	Vulnerability and risk of deltaic social-ecological systems exposed to multiple hazards. Science of the Total Environment, 2018, 631-632, 71-80.	3.9	114
4	Assessing socioeconomic vulnerability to dengue fever in Cali, Colombia: statistical vs expert-based modeling. International Journal of Health Geographics, 2013, 12, 36.	1.2	99
5	TOURISM, CRISIS, DISASTER: AN INTERDISCIPLINARY APPROACH. Annals of Tourism Research, 2019, 79, 102808.	3.7	92
6	Integrated assessment of the environmental impact of an IDP camp in Sudan based on very high resolution multi-temporal satellite imagery. Remote Sensing of Environment, 2012, 126, 27-38.	4.6	84
7	A spatial model of socioeconomic and environmental determinants of dengue fever in Cali, Colombia. Acta Tropica, 2016, 164, 169-176.	0.9	83
8	Drought Risk to Agricultural Systems in Zimbabwe: A Spatial Analysis of Hazard, Exposure, and Vulnerability. Sustainability, 2020, 12, 752.	1.6	68
9	Spatial-explicit modeling of social vulnerability to malaria in East Africa. International Journal of Health Geographics, 2014, 13, 29.	1.2	65
10	A review of vulnerability indicators for deltaic socialâ€“ecological systems. Sustainability Science, 2016, 11, 575-590.	2.5	61
11	Scientific evidence for ecosystem-based disaster risk reduction. Nature Sustainability, 2021, 4, 803-810.	11.5	59
12	Mapping malaria risk and vulnerability in the United Republic of Tanzania: a spatial explicit model. Population Health Metrics, 2015, 13, 2.	1.3	53
13	Drought risk for agricultural systems in South Africa: Drivers, spatial patterns, and implications for drought risk management. Science of the Total Environment, 2021, 799, 149505.	3.9	49
14	Geons â€“ domain-specific regionalization of space. Cartography and Geographic Information Science, 2014, 41, 214-226.	1.4	37
15	Multiscale evaluation of an urban deprivation index: Implications for quality of life and healthcare accessibility planning. Applied Geography, 2016, 70, 1-10.	1.7	35
16	Can weather generation capture precipitation patterns across different climates, spatial scales and under data scarcity?. Scientific Reports, 2017, 7, 5449.	1.6	33
17	A WebGIS tool for visualizing and exploring socioeconomic vulnerability to dengue fever in Cali, Colombia. Geospatial Health, 2013, 8, 313.	0.3	28
18	Comparing index-based vulnerability assessments in the Mississippi Delta: Implications of contrasting theories, indicators, and aggregation methodologies. International Journal of Disaster Risk Reduction, 2019, 39, 101128.	1.8	23

#	Article	IF	Citations
19	Understanding and assessing flood risk in Vietnam: Current status, persisting gaps, and future directions. Journal of Flood Risk Management, 2021, 14, e12689.	1.6	23
20	Modeling Hotspots of Climate Change in the Sahel Using Object-Based Regionalization of Multidimensional Gridded Datasets. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 229-234.	2.3	21
21	Global patterns of disaster and climate riskâ€"an analysis of the consistency of leading index-based assessments and their results. Climatic Change, 2021, 169, 1.	1.7	21
22	Environmental change and Rift Valley fever in eastern Africa: projecting beyond HEALTHY FUTURES. Geospatial Health, 2016, 11, 387.	0.3	19
23	Spatial assessment of social vulnerability in the context of landmines and explosive remnants of war in Battambang province, Cambodia. International Journal of Disaster Risk Reduction, 2016, 15, 148-161.	1.8	18
24	Assessing Multi-Hazard Vulnerability and Dynamic Coastal Flood Risk in the Mississippi Delta: The Global Delta Risk Index as a Social-Ecological Systems Approach. Water (Switzerland), 2021, 13, 577.	1.2	10
25	Integrating Data-Driven and Participatory Modeling to Simulate Future Urban Growth Scenarios: Findings from Monastir, Tunisia. Urban Science, 2020, 4, 10.	1.1	8
26	Assessing Flood Risk Dynamics in Data-Scarce Environmentsâ€"Experiences From Combining Impact Chains With Bayesian Network Analysis in the Lower Mono River Basin, Benin. Frontiers in Water, 2022, 4, .	1.0	8
27	An Integrated Multi-Risk Assessment for Floods and Drought in the Marrakech-Safi Region (Morocco). Frontiers in Water, 0, 4, .	1.0	8
28	Development and validation of a sub-national multi-hazard risk index for the Philippines. GI_Forum, 2016, 4, 133-140.	0.2	7
29	Modelling homogeneous regions of social vulnerability to malaria in Rwanda. Geospatial Health, 2016, 11, 404.	0.3	4
30	Trans-disciplinary research to improve health systemsâ€™ disaster readiness and response. Bulletin of the World Health Organization, 2012, 90, 558-558.	1.5	3
31	HEALTHY FUTURES Atlas: An Open-source WebGIS to Support Infectious Disease Intervention Planning in Eastern Africa. GI_Forum, 0, 1, 460-463.	0.2	2
32	An Earth Observation-based Approach for the Assessment of the Environmental Impact of Refugee and IDP Camps. GI_Forum, 0, 1, 420-423.	0.2	1
33	Simulating Future Urban Expansion in Monastir, Tunisia, as an Input for the Development of Future Risk Scenarios. GI_Forum, 0, 1, 3-9.	0.2	1
34	Recovering from Financial Implications of Flood Impactsâ€"The Role of Risk Transfer in the West African Context. Sustainability, 2022, 14, 8433.	1.6	1
35	Application of Remote Sensing and GIS for Risk Assessment in Monastir, Tunisia. Springer Water, 2021, , 191-210.	0.2	0