Mapping disaster vulnerability in India using analytical

Geomatics, Natural Hazards and Risk 7, 308-325 DOI: 10.1080/19475705.2014.897656

Citation Report

#	Article	IF	CITATIONS
1	Flood risk assessment and mapping in Abidjan district using multi-criteria analysis (AHP) model and geoinformation techniques, (cote d'ivoire). Geoenvironmental Disasters, 2016, 3, .	3.6	159
2	Vulnerability of agro-ecological zones in India under the earth system climate model scenarios. Mitigation and Adaptation Strategies for Global Change, 2017, 22, 399-425.	2.1	30
4	Application of GIS-Interval Rough AHP Methodology for Flood Hazard Mapping in Urban Areas. Water (Switzerland), 2017, 9, 360.	2.7	182
5	Integrated climate change risk assessment and evaluation of adaptation perspective in southern Punjab, Pakistan. Science of the Total Environment, 2018, 628-629, 1422-1436.	8.0	19
6	Understanding the decision-making process in disaster risk monitoring and early-warning: A case study within a control room in Brazil. International Journal of Disaster Risk Reduction, 2018, 28, 22-31.	3.9	34
7	Climate vulnerability mapping: A systematic review and future prospects. Wiley Interdisciplinary Reviews: Climate Change, 2019, 10, e600.	8.1	60
8	Resilience-vulnerability balance to urban flooding: A case study in a densely populated coastal city in China. Cities, 2019, 95, 102381.	5.6	41
9	Flood-Prone Area Assessment Using GIS-Based Multi-Criteria Analysis: A Case Study in Davao Oriental, Philippines. Water (Switzerland), 2019, 11, 2203.	2.7	48
10	Analyzing the risk related to climate change attributes and their impact, a step towards climate-smart village (CSV): a geospatial approach to bring geoponics sustainability in India. Spatial Information Research, 2019, 27, 613-625.	2.2	10
11	An integrated assessment of vulnerability to floods using composite index – A district level analysis for Bihar, India. International Journal of Disaster Risk Reduction, 2019, 35, 101074.	3.9	60
12	How will forest fires impact the distribution of endemic plants in the Himalayan biodiversity hotspot?. Biodiversity and Conservation, 2019, 28, 2259-2273.	2.6	20
13	Assessment of check dams' role in flood hazard mapping in a semi-arid environment. Geomatics, Natural Hazards and Risk, 2019, 10, 2239-2256.	4.3	12
14	Flood Vulnerability Assessment through Different Methodological Approaches in the Context of North-West Khyber Pakhtunkhwa, Pakistan. Sustainability, 2019, 11, 6695.	3.2	29
15	Analysis of forest health and socioeconomic dimension in climate change scenario and its future impacts: remote sensing and GIS approach. Spatial Information Research, 2019, 27, 385-397.	2.2	5
16	Exploring the utility of Analytic Hierarchy Process (AHP) in ranking livelihood activities for effective and sustainable rural development interventions in developing countries. Evaluation and Program Planning, 2019, 72, 197-204.	1.6	52
17	Assessment and visualization of inherent vulnerability of urban population in India to natural disasters. Climate and Development, 2020, 12, 532-546.	3.9	10
18	Machine learning approaches for spatial modeling of agricultural droughts in the south-east region of Queensland Australia. Science of the Total Environment, 2020, 699, 134230.	8.0	103
19	Flood risk assessment in the Kosi megafan using multi-criteria decision analysis: A hydro-geomorphic approach. Geomorphology, 2020, 350, 106861.	2.6	118

#	Article	IF	CITATIONS
20	The application of frameworks for measuring social vulnerability and resilience to geophysical hazards within developing countries: A systematic review and narrative synthesis. Science of the Total Environment, 2020, 711, 134486.	8.0	49
21	Environmental sustainability assessment of land disposal of municipal solid waste generated in Indian cities – A review. Environmental Development, 2020, 33, 100490.	4.1	53
22	Assessing impact of varied social and ecological conditions on inherent vulnerability of Himalayan agriculture communities. Human and Ecological Risk Assessment (HERA), 2020, 26, 2628-2645.	3.4	11
23	Cyclone risk assessment of the Cox's Bazar district and Rohingya refugee camps in southeast Bangladesh. Science of the Total Environment, 2020, 704, 135360.	8.0	44
24	Estimation of Integrated Flood Vulnerability Index for the Hilly Region of Uttarakhand, India. Journal of Hazardous, Toxic, and Radioactive Waste, 2020, 24, .	2.0	9
25	Quantitative Assessment of Natural Disaster Coping Capacity: An Application for Typhoons. Sustainability, 2020, 12, 5949.	3.2	8
26	Consistency in Vulnerability Assessments of Wheat to Climate Change—A District-Level Analysis in India. Sustainability, 2020, 12, 8256.	3.2	8
27	Assessing inherent vulnerability of farming communities across different biogeographical zones in Himachal Pradesh, India. Environmental Development, 2020, 33, 100506.	4.1	13
28	Household vulnerability to floods and cyclones in Khyber Pakhtunkhwa, Pakistan. International Journal of Disaster Risk Reduction, 2020, 46, 101496.	3.9	33
29	Analytic hierarchy process: An innovative technique for culturally tailoring evidenceâ€based interventions to reduce health disparities. Health Expectations, 2021, 24, 70-81.	2.6	8
30	Drought vulnerability assessment and mapping using Multi-Criteria decision making (MCDM) and application of Analytic Hierarchy process (AHP) for Namakkal District, Tamilnadu, India. Materials Today: Proceedings, 2021, 43, 1592-1599.	1.8	16
31	A local scale flood vulnerability assessment in the flood-prone area of Khyber Pakhtunkhwa, Pakistan. Natural Hazards, 2021, 105, 755-781.	3.4	14
32	Assessing the Social Vulnerability to Floods in India: An Application of Superefficiency Data Envelopment Analysis and Spatial Autocorrelation to Analyze Bihar Floods. , 2021, , 559-581.		2
33	GIS-Based Multi-Criteria Approach for Flood Vulnerability Assessment and Mapping in District Shangla: Khyber Pakhtunkhwa, Pakistan. Sustainability, 2021, 13, 3126.	3.2	38
34	Impacts of climate hazards on coastal livelihoods in Ghana: the case of Ningo-Prampram in the Greater Accra region. Environment, Development and Sustainability, 2022, 24, 1445-1474.	5.0	3
35	Livelihood vulnerability and climate change: a comparative analysis of smallholders in the Indo-Gangetic plains. Environment, Development and Sustainability, 2022, 24, 1981-2009.	5.0	19
36	Modeling cyclone-induced multi-hazard risk assessment using analytical hierarchical processing and GIS for coastal West Bengal, India. Regional Studies in Marine Science, 2021, 44, 101779.	0.7	20
38	Assessing coastal vulnerability to environmental hazards of Indian Sundarban delta using multi-criteria decision-making approaches. Ocean and Coastal Management, 2021, 209, 105641.	4.4	35

#	Article	IF	CITATIONS
39	Earthquake vulnerability in the Himalaya by integrated multi-criteria decision models. Natural Hazards, 2022, 111, 213-237.	3.4	9
40	Can the approach of vulnerability assessment facilitate identification of suitable adaptation models for risk reduction?. International Journal of Disaster Risk Reduction, 2021, 63, 102469.	3.9	10
41	Risk mapping of Indian coastal districts using IPCC-AR5 framework and multi-attribute decision-making approach. Journal of Environmental Management, 2021, 294, 112948.	7.8	16
42	Exploring the gap between policy and action in Disaster Risk Reduction: A case study from India. International Journal of Disaster Risk Reduction, 2021, 63, 102428.	3.9	16
43	Risk assessment for typhoon storm surges using geospatial techniques for the coastal areas of Guangdong, China. Ocean and Coastal Management, 2021, 213, 105880.	4.4	17
44	Revealing the socio-economic vulnerability and multi-hazard risks at micro-administrative units in the coastal plains of Tamil Nadu, India. Geomatics, Natural Hazards and Risk, 2021, 12, 605-630.	4.3	19
46	Flood susceptibility mapping using a geomorphometric approach in South Australian basins. Natural Hazards, 2021, 106, 629-653.	3.4	15
47	Study of Integrated Social Vulnerability Index SoVlint of Hilly Region of Uttarakhand, India. Environmental and Climate Technologies, 2020, 24, 105-122.	1.4	18
48	EARTHQUAKE VULNERABILITY ASSESSMENT FOR HOSPITAL BUILDINGS USING A GIS-BASED GROUP MULTI CRITERIA DECISION MAKING APPROACH: A CASE STUDY OF TEHRAN, IRAN. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W5, 153-157.	0.2	7
49	Earthquake vulnerability assessment for the Indian subcontinent using the Long Short-Term Memory model (LSTM). International Journal of Disaster Risk Reduction, 2021, 66, 102642.	3.9	8
50	Priority search simulation for flood evacuation routes using fuzzy AHP approach. Journal of Applied Engineering Science, 2022, 20, 19-28.	0.9	0
51	Enhancement of Socioeconomic Criteria for the Assessment of the Vulnerability to Flood Events with the Use of Multicriteria Analysis. Environmental Sciences Proceedings, 2020, 2, .	0.3	1
52	Disaster supply chain with information and digital technology integrated in its institutional framework. International Journal of Production Research, 2024, 62, 3003-3022.	7.5	7
53	Geomorphic Assessment of Flood Hazard Within the Urban Area of Chanchaga Local Government Area, Minna, Nigeria. International Journal of Environment and Geoinformatics, 2022, 9, 102-115.	0.8	1
54	A systematic review of the flood vulnerability using geographic information system. Heliyon, 2022, 8, e09075.	3.2	24
55	The Application of AHP to Determine the Priority Drainage System on Flood Mitigation in Surabaya – Indonesia. Journal of Disaster Research, 2022, 17, 431-443.	0.7	0
56	Livelihood constraints of indigenous people exposed to climatic hazards: an insight from Indian Sundarbans. , 2022, , 171-197.		0
57	Mapping agricultural vulnerability to impacts of climate events of Punjab, Pakistan. Regional Environmental Change, 2022, 22, .	2.9	12

#	Article	IF	CITATIONS
58	Identity, Space and Disaster: A Case Study of Pettimudi Landslide in Kerala. Sociological Bulletin, 0, , 003802292210947.	0.4	0
59	Rural livelihood risk to hydro-meteorological extreme events: Empirical evidence from Indian Sundarban applying IPCC-AR5 and DEMATEL methodology. International Journal of Disaster Risk Reduction, 2022, 77, 103100.	3.9	6
60	Vulnerability and Risk in the Context of Flood Related Disaster: Analysis of Flood Affected Districts in Bihar, India. SSRN Electronic Journal, 0, , .	0.4	0
61	Validating local drivers influencing landÂuse cover change in Southwestern Ghana: a mixed-method approach. Environmental Earth Sciences, 2022, 81, .	2.7	7
62	An integrated assessment of tropical cyclone risks in mainland China by considering hazard, exposure, vulnerability and mitigation. Hydrology Research, 2022, 53, 1090-1106.	2.7	1
63	Mapping vulnerability water supply in Rach Gia city due to saline intrusion on using analytical hierarchy process. Sustainable Water Resources Management, 2022, 8, .	2.1	1
64	Vulnerability and risk in the context of flood-related disasters: A district-level study of Bihar, India. International Journal of Disaster Risk Reduction, 2022, 82, 103368.	3.9	4
66	Analyzing the multi-hazard coastal vulnerability of Matla–Bidya inter-estuarine area of Indian Sundarbans using analytical hierarchy process and geospatial techniques. Estuarine, Coastal and Shelf Science, 2022, 279, 108144.	2.1	4
67	An integrated assessment of vulnerability to floods in coastal Odisha: a district-level analysis. Natural Hazards, 0, , .	3.4	1
68	Disaster management in India: are we fully equipped?. Journal of Social and Economic Development, 2022, 24, 242-281.	1.3	1
69	Exploring adaptive capacity: Observations from the vulnerable human-coastal environmental system of the Bay of Bengal in India. Frontiers in Climate, 0, 4, .	2.8	1
70	Sustainability assessment of Indian Sundarban delta islands using DPSIR framework in the context of natural hazards. Natural Hazards Research, 2023, , .	3.8	1
72	"What is a â€~very severe cyclone' pleaseâ€? Uncovering knowledge and communication gaps in climate resilience realities. International Journal of Disaster Risk Reduction, 2023, 86, 103499.	3.9	2
73	Designating Appropriate Areas for Flood Mitigation and Rainwater Harvesting in Arid Region Using a GIS-based Multi-criteria Decision Analysis. Water Resources Management, 2023, 37, 1083-1108.	3.9	6
74	Climate change intensifies the drought vulnerability of river basins: a case of the Magat River Basin. Journal of Water and Climate Change, 2023, 14, 1012-1038.	2.9	2
75	Flood Risk Assessment of Himalayan Foothill Rivers: A Study of Jaldhaka River, India. Springer Geography, 2023, , 63-90.	0.4	1
76	Mapping the multi-hazards risk index for coastal block of Sundarban, India using AHP and machine learning algorithms. Tropical Cyclone Research and Review, 2022, 11, 225-243.	2.2	1
77	Climate Change, Disasters, and Mental Health of Adolescents in India. Indian Journal of Psychological Medicine, 2023, 45, 289-291.	1.5	1

#	Article	IF	CITATIONS
78	Active source zones and earthquake vulnerability around Sumatra subduction zone. Journal of Earth System Science, 2023, 132, .	1.3	3
79	Disaster Risk Reduction: Assessment of Gaps in Policy Framework and Future Scopes in Implementation of Indigenous Practices in India. Disaster Risk Reduction, 2023, , 465-489.	0.4	Ο
80	Assessment of dynamic drought-induced ecosystem risk: Integrating time-varying hazard frequency, exposure and vulnerability. Journal of Environmental Management, 2023, 342, 118176.	7.8	0
81	Research Trends on Natural Disasters in the Context of India: A Bibliometric Analysis. , 2023, , 17-34.		1
82	Threats from weather events, urbanization and resilience: A case study of a coastal geography in India. Journal of Integrative Environmental Sciences, 2023, 20, .	2.5	0
83	Multi-criteria decision-making methods: application in humanitarian operations. Benchmarking, 2023, ahead-of-print, .	4.6	2
84	Coastal Settlement Vulnerability on Risk of Abrasion Disaster. , 2022, , 1-19.		0
85	A jurisdictional risk assessment for the whole community: A new, systematic approach to participatory decisionâ€making in public health emergency preparedness using the analytic hierarchy process. Journal of Multi-Criteria Decision Analysis, 2024, 31, .	1.9	0
86	Integrated Spatial Analysis of Forest Fire Susceptibility in the Indian Western Himalayas (IWH) Using Remote Sensing and GIS-Based Fuzzy AHP Approach. Remote Sensing, 2023, 15, 4701.	4.0	2
87	Spatiotemporal Pattern of Vulnerability to Climate Change in Madhya Pradesh, India. Applied Spatial Analysis and Policy, 2024, 17, 55-85.	2.0	1
89	Assessing seasonal variation and trends in rainfall patterns of Madhya Pradesh, Central India. Journal of Water and Climate Change, 2023, 14, 3692-3712.	2.9	2
90	Development of a dynamical statistical analog ensemble forecast model for landfalling typhoon disasters. Scientific Reports, 2023, 13, .	3.3	0
91	Assessing sensitivity to climate-related disasters in the context of a developing country: Evidence from the coastal region of Bangladesh. International Journal of Disaster Risk Reduction, 2023, 97, 104023.	3.9	2
92	Coastal Settlement Vulnerability on Risk of Abrasion Disaster. , 2023, , 323-341.		0
93	Exploring two-decadal risk variability of drought-flood abrupt alternation in a high-plateau basin. Ecological Indicators, 2023, 156, 111106.	6.3	0
94	Rural–urban disparities in spatiotemporal pattern of vulnerability to climate change: a study of Madhya Pradesh, India. Environmental Earth Sciences, 2023, 82, .	2.7	0
95	Present and Future of Artificial Intelligence in Disaster Management. , 2023, , .		1
96	Assessment of Educational Potentiality of Central and Southern States of India Using a New Composite Education Index (CEI). Journal of Geographical Studies, 2023, 7, 26-53.	0.3	0

#	Article	IF	CITATIONS
97	Identifying the interfaces between perceived multi-hazards and socio-ecological risks to strengthen local adaptations. Journal of Environmental Management, 2024, 351, 119708.	7.8	0
98	Delineation of Flood Susceptibility Zone Using Analytical Hierarchy Process and Frequency Ratio Methods: A Case Study of Dakshin Dinajpur District, India. Journal of the Indian Society of Remote Sensing, 0, , .	2.4	0
99	Assessment of flood hazard along the N-S section of North Bengal plains, India. Natural Hazards, 2024, 120, 2333-2348.	3.4	0
100	Assessing district-level climate vulnerability in Madhya Pradesh, Central India: an integrated environmental and socio-economic approach. Theoretical and Applied Climatology, 2024, 155, 3449-3471.	2.8	0
102	Strengthening Resilience. Advances in Computational Intelligence and Robotics Book Series, 2024, , 249-278.	0.4	0