

Md Kamrul Hasan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

1,008
citations

15
h-index

31
g-index

37
ext. papers

1,259
ext. citations

4.8
avg, IF

5.47
L-index

#	Paper	IF	Citations
37	Modelling topographic variation in solar radiation in a GIS environment. <i>International Journal of Geographical Information Science</i> , 1997 , 11, 475-497	4.1	368
36	Modeling dengue fever risk based on socioeconomic parameters, nationality and age groups: GIS and remote sensing based case study. <i>Science of the Total Environment</i> , 2011 , 409, 4713-9	10.2	78
35	Comparison between meteorological data and farmer perceptions of climate change and vulnerability in relation to adaptation. <i>Journal of Environmental Management</i> , 2019 , 237, 54-62	7.9	62
34	Exposure of coastal built assets in the South Pacific to climate risks. <i>Nature Climate Change</i> , 2015 , 5, 992-996	9.6	46
33	Modeling the climate suitability of tea [<i>Camellia sinensis</i> (L.) O. Kuntze] in Sri Lanka in response to current and future climate change scenarios. <i>Agricultural and Forest Meteorology</i> , 2019 , 272-273, 102-117	5.8	45
32	Sustainability of Coastal Agriculture under Climate Change. <i>Sustainability</i> , 2019 , 11, 7200	3.6	44
31	Application of remote sensing and GIS-based hydrological modelling for flood risk analysis: a case study of District 8, Ho Chi Minh city, Vietnam. <i>Geomatics, Natural Hazards and Risk</i> , 2017 , 8, 1792-1811	3.6	41
30	Impact of climate-smart agriculture adoption on the food security of coastal farmers in Bangladesh. <i>Food Security</i> , 2018 , 10, 1073-1088	6.7	39
29	Climate change and potential impacts on agriculture in Bhutan: a discussion of pertinent issues. <i>Agriculture and Food Security</i> , 2018 , 7,	3.1	32
28	Assessment of Potential Land Suitability for Tea (<i>Camellia sinensis</i> (L.) O. Kuntze) in Sri Lanka Using a GIS-Based Multi-Criteria Approach. <i>Agriculture (Switzerland)</i> , 2019 , 9, 148	3	27
27	Modelling Climate Suitability for Rainfed Maize Cultivation in Kenya Using a Maximum Entropy (MaxENT) Approach. <i>Agronomy</i> , 2019 , 9, 727	3.6	24
26	Analysis of spatio-temporal dynamics of land use and cover changes in Western Kenya. <i>Geocarto International</i> , 2021 , 36, 376-391	2.7	22
25	Meteorological data and farmers' perception of coastal climate in Bangladesh. <i>Science of the Total Environment</i> , 2020 , 704, 135384	10.2	20
24	Modeling and Mapping of Soil Salinity and its Impact on Paddy Lands in Jaffna Peninsula, Sri Lanka. <i>Sustainability</i> , 2020 , 12, 8317	3.6	15
23	Impact of Land Use/Cover Changes on Soil Erosion in Western Kenya. <i>Sustainability</i> , 2020 , 12, 9740	3.6	15
22	Perception of farmers on climate change and its impacts on agriculture across various altitudinal zones of Bhutan Himalayas. <i>International Journal of Environmental Science and Technology</i> , 2020 , 17, 3607-3620	3.3	14
21	Remote Sensing Approach for Monitoring Coastal Wetland in the Mekong Delta, Vietnam: Change Trends and Their Driving Forces. <i>Remote Sensing</i> , 2021 , 13, 3359	5	12

20	Historical evidence of climatic variability and changes, and its effect on high-altitude regions: insights from Rara and Langtang, Nepal. <i>International Journal of Sustainable Development and World Ecology</i> , 2017 , 24, 471-484	3.8	11
19	Consequences of Climate Change Impacts and Incidences of Extreme Weather Events in Relation to Crop Production in Bhutan. <i>Sustainability</i> , 2020 , 12, 4319	3.6	11
18	Potential Impacts of Sea-Level Rise upon the Jaffna Peninsula, Sri Lanka: How Climate Change Can Adversely Affect the Coastal Zone. <i>Journal of Coastal Research</i> , 2020 , 36, 951	0.6	11
17	Assessment of Spatial and Temporal Trend of Groundwater Salinity in Jaffna Peninsula and Its Link to Paddy Land Abandonment. <i>Sustainability</i> , 2020 , 12, 3681	3.6	10
16	Perceived farm-level climatic impacts on coastal agricultural productivity in Bangladesh. <i>Climatic Change</i> , 2020 , 161, 617-636	4.5	9
15	Linking Long-Term Changes in Soil Salinity to Paddy Land Abandonment in Jaffna Peninsula, Sri Lanka. <i>Agriculture (Switzerland)</i> , 2021 , 11, 211	3	9
14	Inundation modelling for Bangladeshi coasts using downscaled and bias-corrected temperature. <i>Climate Risk Management</i> , 2020 , 27, 100207	4.6	8
13	Climate Change May Imperil Tea Production in the Four Major Tea Producers According to Climate Prediction Models. <i>Agronomy</i> , 2020 , 10, 1536	3.6	7
12	Relationship between Environmental Covariates and Ceylon Tea Cultivation in Sri Lanka. <i>Agronomy</i> , 2020 , 10, 476	3.6	6
11	Potential Impact of the Current and Future Climate on the Yield, Quality, and Climate Suitability for Tea [<i>Camellia sinensis</i> (L.) O. Kuntze]: A Systematic Review. <i>Agronomy</i> , 2021 , 11, 619	3.6	4
10	Yield trends and variabilities explained by climatic change in coastal and non-coastal areas of Bangladesh. <i>Science of the Total Environment</i> , 2021 , 795, 148814	10.2	4
9	Coastal settlement patterns and exposure to sea-level rise in the Jaffna Peninsula, Sri Lanka. <i>Population and Environment</i> , 2020 , 42, 129-145	4	3
8	Modelling Impacts of Climate Change on Maize (&i&t;Zea mays&i&t; L.) Growth and Productivity: A Review of Models, Outputs and Limitations. <i>Journal of Geoscience and Environment Protection</i> , 2019 , 07, 76-95	0.3	3
7	Trajectories of cropping system intensification under changing environment in south-west coastal Bangladesh. <i>International Journal of Agricultural Sustainability</i> , 1-21	2.2	3
6	Discriminated perceptions of climatic impacts on coastal farm management practices. <i>Journal of Environmental Management</i> , 2021 , 278, 111550	7.9	2
5	The future of high-quality Ceylon tea seems bleak in the face of climate change. <i>International Journal of Biometeorology</i> , 2021 , 65, 1629-1646	3.7	1
4	Climatic and non-climatic risks in rainfed crop production systems: insights from maize farmers of western Kenya. <i>Climate and Development</i> , 1-10	4.4	1
3	Sustainability of Village Tank Cascade Systems of Sri Lanka: Exploring Cascade Anatomy and Socio-Ecological Nexus for Ecological Restoration Planning. <i>Challenges</i> , 2021 , 12, 24	3.4	1

2 Climate change and future of agri-food production **2022**, 49-79 ○

1 Assessing potential impacts of sea level rise on mangrove ecosystems in the Mekong Delta, Vietnam. *Regional Environmental Change*, **2022**, 22, 1 43 ○