

Biswajit Das

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,252
citations

393982

19
h-index

500791

28
g-index

31
all docs

31
docs citations

31
times ranked

565
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-induced erosion potentiality and vulnerability assessment in Kangsabati river basin, eastern India. <i>Environment, Development and Sustainability</i> , 2022, 24, 3518-3557.	2.7	15
2	Threats of climate change and land use patterns enhance the susceptibility of future floods in India. <i>Journal of Environmental Management</i> , 2022, 305, 114317.	3.8	44
3	Assessment of Forest Cover Dynamics using Forest Canopy Density Model in Sali River Basin: A Spill Channel of Damodar River. <i>Environmental Science and Engineering</i> , 2021, , 365-384.	0.1	3
4	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
5	Torrential rainfall-induced landslide susceptibility assessment using machine learning and statistical methods of eastern Himalaya. <i>Natural Hazards</i> , 2021, 107, 697-722.	1.6	49
6	GIS-based statistical model for the prediction of flood hazard susceptibility. <i>Environment, Development and Sustainability</i> , 2021, 23, 16713-16743.	2.7	24
7	Spatial prediction of landslide susceptibility using projected storm rainfall and land use in Himalayan region. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 5237-5258.	1.6	32
8	Changing climate and land use of 21st century influences soil erosion in India. <i>Gondwana Research</i> , 2021, 94, 164-185.	3.0	66
9	Assessment of vegetation status of Sali River basin, a tributary of Damodar River in Bankura District, West Bengal, using satellite data. <i>Environment, Development and Sustainability</i> , 2020, 22, 5651-5685.	2.7	15
10	Assessment of groundwater recharge and its potential zone identification in groundwater-stressed Goghat-I block of Hugli District, West Bengal, India. <i>Environment, Development and Sustainability</i> , 2020, 22, 5905-5923.	2.7	56
11	Intra-annual variations of vegetation status in a sub-tropical deciduous forest-dominated area using geospatial approach: a case study of Sali watershed, Bankura, West Bengal, India. , 2020, 4, 257-268.		17
12	Ensemble approach to develop landslide susceptibility map in landslide dominated Sikkim Himalayan region, India. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	59
13	Threats of climate and land use change on future flood susceptibility. <i>Journal of Cleaner Production</i> , 2020, 272, 122757.	4.6	115
14	Prediction of highly flood prone areas by GIS based heuristic and statistical model in a monsoon dominated region of Bengal Basin. <i>Remote Sensing Applications: Society and Environment</i> , 2020, 19, 100343.	0.8	36
15	Development of Different Machine Learning Ensemble Classifier for Gully Erosion Susceptibility in Gandheswari Watershed of West Bengal, India. <i>Algorithms for Intelligent Systems</i> , 2020, , 1-26.	0.5	27
16	Trend of extreme rainfall events using suitable Global Circulation Model to combat the water logging condition in Kolkata Metropolitan Area. <i>Urban Climate</i> , 2020, 32, 100599.	2.4	57
17	Assessment of groundwater vulnerability to over-exploitation using MCDA, AHP, fuzzy logic and novel ensemble models: a case study of Goghat-I and II blocks of West Bengal, India. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	75
18	Assessing the Importance of Static and Dynamic Causative Factors on Erosion Potentiality Using SWAT, EBF with Uncertainty and Plausibility, Logistic Regression and Novel Ensemble Model in a Sub-tropical Environment. <i>Journal of the Indian Society of Remote Sensing</i> , 2020, 48, 765-789.	1.2	56

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19	Irrigation practices causing vulnerability of groundwater resources in water scarce Goghat-I and II Blocks of Hugli District using MCDA, AHP, Fuzzy logic and novel ensemble models. <i>Advances in Space Research</i> , 2020, 65, 2733-2748.	1.2	11
20	Combination of GIS and fuzzy-AHP for delineating groundwater recharge potential zones in the critical Goghat-II block of West Bengal, India. <i>HydroResearch</i> , 2019, 2, 21-30.	1.7	83
21	Potential Landslide Vulnerability Zonation Using Integrated Analytic Hierarchy Process and GIS Technique of Upper Rangit Catchment Area, West Sikkim, India. <i>Journal of the Indian Society of Remote Sensing</i> , 2019, 47, 1643-1655.	1.2	43
22	Living with floods through geospatial approach: a case study of Arambag C.D. Block of Hugli District, West Bengal, India. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	22
23	Modeling groundwater potential zones of Puruliya district, West Bengal, India using remote sensing and GIS techniques. , 2019, 3, 223-237.		153
24	Assessment of flood hazard in a riverine tract between Damodar and Dwarkeswar River, Hugli District, West Bengal, India. <i>Spatial Information Research</i> , 2018, 26, 91-101.	1.3	20
25	Application of forest canopy density model for forest cover mapping using LISS-IV satellite data: a case study of Sali watershed, West Bengal. <i>Modeling Earth Systems and Environment</i> , 2018, 4, 853-865.	1.9	42
26	Modeling and mapping of groundwater potentiality zones using AHP and GIS technique: a case study of Raniganj Block, Paschim Bardhaman, West Bengal. <i>Modeling Earth Systems and Environment</i> , 2018, 4, 1085-1110.	1.9	73
27	Morphometric Analysis for Hydrological Assessment using Remote Sensing and GIS Technique: A Case Study of Dwarkeswar River Basin of Bankura District, West Bengal. <i>Asian Journal of Research in Social Sciences and Humanities</i> , 2018, 8, 113.	0.0	7
28	Chute cut-off processes along a small alluvial channel: a case study of Sangra Khal, sub-tributary of Gour Nadi, West Bengal, India. <i>Modeling Earth Systems and Environment</i> , 2017, 3, 1.	1.9	3
29	Analysis of precipitation for the past 20th century and its multi-decadal oscillation: a case study of Bankura Town, Bankura, West Bengal. <i>Modeling Earth Systems and Environment</i> , 2016, 2, 1-5.	1.9	9