Biswajit Nath

List of Publications by Year
in descending order

18 papers	**408** citations	1162367 **8** h-index	940134 **16** g-index
20 all docs	**20** docs citations	**20** times ranked	**361** citing authors

#	Article	IF	Citations
1	Land use classification and change detection by using multi-temporal remotely sensed imagery: The case of Chunati wildlife sanctuary, Bangladesh. Egyptian Journal of Remote Sensing and Space Science, 2018, 21, 37-47.	1.1	148
2	Land Use and Land Cover Change Modeling and Future Potential Landscape Risk Assessment Using Markov-CA Model and Analytical Hierarchy Process. ISPRS International Journal of Geo-Information, 2020, 9, 134.	1.4	83
3	Land Use and Land Cover Changes, and Environment and Risk Evaluation of Dujiangyan City (SW China) Using Remote Sensing and GIS Techniques. Sustainability, 2018, 10, 4631.	1.6	57
4	Applying Multi-Temporal Landsat Satellite Data and Markov-Cellular Automata to Predict Forest Cover Change and Forest Degradation of Sundarban Reserve Forest, Bangladesh. Forests, 2020, 11, 1016.	0.9	28
5	Quantitative Assessment of Land Cover Change Using Landsat Time Series Data: Case of Chunati Wildlife Sanctuary (CWS), Bangladesh. International Journal of Environment and Geoinformatics, 2016, 3, 45-55.	0.5	22
6	Remote Sensing-Based Urban Sprawl Modeling Using Multilayer Perceptron Neural Network Markov Chain in Baghdad, Iraq. Remote Sensing, 2021, 13, 4034.	1.8	17
7	Observation of short-term variations in the clay minerals ratio after the 2015 Chile great earthquake $$(8.3M_{\mathrm{w}})$$ using Landsat 8 OLI data. Journal of Earth System Science, 2019, 128, 1.	0.6	10
8	Geospatial Analysis of Land Use/Cover Change and Land Surface Temperature for Landscape Risk Pattern Change Evaluation of Baghdad City, Iraq, Using CA–Markov and ANN Models. Sustainability, 2022, 14, 8568.	1.6	10
9	Continuous Change Detection and Classification—Spectral Trajectory Breakpoint Recognition for Forest Monitoring. Land, 2022, 11, 504.	1.2	6
10	Dynamic Relationship Study between the Observed Seismicity and Spatiotemporal Pattern of Lineament Changes in Palghar, North Maharashtra (India). Remote Sensing, 2022, 14, 135.	1.8	6
11	Observing the impacts of 1950s great Assam earthquake in the tectono-geomorphological deformations at the Young Meghna Estuarine Floodplain of Bangladesh: evidence from Noakhali Coastal Region. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	5
12	Observing the influences of climatic and environmental variability over soil salinity changes in the Noakhali Coastal Regions of Bangladesh using geospatial and statistical techniques. Environmental Challenges, 2022, 6, 100429.	2.0	4
13	Observing tectonic-geomorphological changes along the Dawki Fault and adjoining areas of Sylhet, Bangladesh from 1980 to 2020 using remote sensing and GIS techniques. Journal of Earth System Science, 2022, 131, .	0.6	3
14	Pre-earthquake Anomaly Detection and Assessment through Lineament Changes Observation Using Multi-temporal Landsat 8-OLI Imageries: Case of Gorkha and Imphal. , 2018, , .		2
15	Quantitative Assessment of Land Cover Change Using Landsat Time Series Data: Case of Chunati Wildlife Sanctuary (CWS), Bangladesh. SSRN Electronic Journal, 2016, , .	0.4	1
16	A Geospatial approach to determine Lake Depth and Configuration of Reingkhyongkine (Pukur Para) Lake, Rangamati Hill District, Bangladesh with Multi-Temporal Satellite data. Journal of Environmental Accounting and Management, 2015, 3, 243-258.	0.3	1
17	A Continuous Change Tracker Model for Remote Sensing Time Series Reconstruction. Remote Sensing, 2022, 14, 2280.	1.8	1
18	Study of spatio-temporal variations of soil salinity in the south-eastern coastal part of Bangladesh. Soil Science Annual, 2022, 72, 1-12.	0.4	0