

# Sananda Kundu

## List of Publications by Year in descending order

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26  
papers

1,024  
citations

448610

19  
h-index

620720

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of Flood Inundation and Depth During Hurricane Florence Using Sentinel-1 and UAVSAR Data. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	1
2	A comparative study of soil erosion modelling by MMF, USLE and RUSLE. Geocarto International, 2018, 33, 89-103.	1.7	37
3	Projecting Climate and Land Use Change Impacts on Actual Evapotranspiration for the Narmada River Basin in Central India in the Future. Remote Sensing, 2018, 10, 578.	1.8	25
4	Impact of landuse/land cover change on run-off in the catchment of a hydro power project. Applied Water Science, 2017, 7, 787-800.	2.8	29
5	Uncertainty analysis of soil erosion modelling using different resolution of open-source DEMs. Geocarto International, 2017, 32, 334-349.	1.7	25
6	Climate change impact on soil erosion in the Mandakini River Basin, North India. Applied Water Science, 2017, 7, 2373-2383.	2.8	31
7	Uncertainty of soil erosion modelling using open source high resolution and aggregated DEMs. Geoscience Frontiers, 2017, 8, 425-436.	4.3	51
8	Future changes in rainfall, temperature and reference evapotranspiration in the central India by least square support vector machine. Geoscience Frontiers, 2017, 8, 583-596.	4.3	38
9	Past, present and future land use changes and their impact on water balance. Journal of Environmental Management, 2017, 197, 582-596.	3.8	81
10	Individual and combined impacts of future climate and land use changes on the water balance. Ecological Engineering, 2017, 105, 42-57.	1.6	98
11	Landuse change impact on sub-watersheds prioritization by analytical hierarchy process (AHP). Ecological Informatics, 2017, 42, 100-113.	2.3	39
12	Spatial soil organic carbon (SOC) prediction by regression kriging using remote sensing data. Egyptian Journal of Remote Sensing and Space Science, 2017, 20, 61-70.	1.1	67
13	Interrelationship of rainfall, temperature and reference evapotranspiration trends and their net response to the climate change in Central India. Theoretical and Applied Climatology, 2017, 130, 879-900.	1.3	30
14	Identification of Crop Types with the Fuzzy Supervised Classification Using AWiFS and LISS-III Images. Springer Remote Sensing/photogrammetry, 2017, , 73-86.	0.4	1
15	Impact assessment of climate change on future soil erosion and SOC loss. Natural Hazards, 2016, 82, 1515-1539.	1.6	30
16	Change in rainfall erosivity in the past and future due to climate change in the central part of India. International Soil and Water Conservation Research, 2016, 4, 186-194.	3.0	46
17	Analysis of spatial and temporal variation in rainfall trend of Madhya Pradesh, India (1901-2011). Environmental Earth Sciences, 2015, 73, 8197-8216.	1.3	62
18	Impact of landuse/land cover change on run-off in a catchment of Narmada river in India. Applied Geomatics, 2015, 7, 23-35.	1.2	17

#	ARTICLE	IF	CITATIONS
19	Impact of Climate Change on Future Soil Erosion in Different Slope, Land Use, and Soil-Type Conditions in a Part of the Narmada River Basin, India. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	0.8	54
20	Spatial and temporal analysis of rainfall and temperature trend of India. Theoretical and Applied Climatology, 2015, 122, 143-158.	1.3	181
21	Flood monitoring using microwave remote sensing in a part of Nuna river basin, Odisha, India. Natural Hazards, 2015, 76, 123-138.	1.6	25
22	Shifting shoreline of Sagar Island Delta, India. Journal of Maps, 2014, 10, 612-619.	1.0	23
23	Long Term Rainfall Trend Analysis (1871â€“2011) for Whole India. Advances in Geographical and Environmental Sciences, 2014, , 45-60.	0.4	13
24	Detection of Land Use Change and Future Prediction with Markov Chain Model in a Part of Narmada River Basin, Madhya Pradesh. Advances in Geographical and Environmental Sciences, 2014, , 3-14.	0.4	13
25	Landuse Change Prediction and Its Impact on Surface Run-off Using Fuzzy C-Mean, Markov Chain and Curve Number Methods. Advances in Intelligent Systems and Computing, 2014, , 365-376.	0.5	4
26	Crop Identification by Fuzzy C-Mean in Ravi Season Using Multi-Spectral Temporal Images. Advances in Intelligent Systems and Computing, 2014, , 391-401.	0.5	3