

S. No.	Title of Paper	Authors	Journal Name	Date of publication (DD/MM/YYYY)	Indexing
1	Geographically weighted method integrated with logistic regression for analyzing spatially varying accuracy measures of remote sensing image classification.	V.N. Mishra, V. Kumar, R. Prasad, M. Punia	Journal of the Indian Society of Remote Sensing	2021	WOS
2	Comparative Assessment of Livelihood Vulnerability of Climate Induced Migrants: AMicro Level Study on Sagar Island, India	Aparna Bera, Suraj Kumar Singh	Sustainability, Agri, Food and Environmental Research	2021	UGC
3	Impacts of climate variability on growth and variability of agricultural productivity: a review	Rekha Kumari, Shruti Kanga	Sustainability, Agri, Food and Environmental Research	2021	UGC
4	GISCIENCE FOR FOREST FIRE MODELING: NEW ADVANCES IN WILDLAND FIRES WITH MANAGEMENT	Jagpal Singh Tomar, Shruti Kanga and Suraj Kumar Singh	Plant Archives	2021	Scopus
5	Modeling on comparison of ecosystem services concepts, tools, methods and their ecological-economic implications: A review	Gowhar Meraj, Suraj Singh, Shruti Kanga	Modeling Earth Systems and Environment	2021	Scopus
6	Cadastral level Soil and Water conservation Priority Zonation using Geospatial technology	Jean Joy, Suraj Kumar Singh, Shruti Kanga, Sudhanshu	International Journal of Agriculture System	2021	UGC
7	Delineation of the evacuation route plan, relief camp and prioritization using GIScience	Jean Joy, Suraj Kumar Singh, Shruti Kanga, Sudhanshu	Advances in Environmental Research, An International Journal	2021	ESCI/UGC
8	GIS Based Forest Fire Vulnerability Assessment and its Validation using field and MODIS Data: A Case Study of Bhaderwah Forest Division, Jammu and Kashmir (India)	Shruti Kanga, Muzamil Ahmad Rather, Majid Farooq, Suraj Kumar Singh	The Indian Forester	2021	Scopus
9	Sedimentation Rate and Pattern in Indian Lakes	Pranaya Diwate, Firoz Khan, Sakshi Maurya, Narendra	Bulltein of Pure and Applied Sciecnas-Geology	2021	UGC

		Meena, Samaya Humane, Rushikesh Golekar			
10	Analyzing the Risk to COVID-19 Infection using Remote Sensing and GIS	Shruti Kanga, Gowhar Meraj, Sudhanshu Majid Farooq, M S Nathawat, Suraj Kumar Singh	Risk Analysis	2021	SCI
11	Dynamics of Land use /Land Cover change using Remote sensing and GIS Techniques	Suraj Kumar Singh, AK Bera, Manish Kumar Verma, Shruti Kanga, Rabiul ALAM	Shodh Sanchar Bulletin	2021	UGC
12	Use of geoinformatics in forest fire mapping modeling and management: A Review	Jagpal Singh Tomar, Shruti Kanga and Suraj Kumar Singh	Shodh Sarita	2021	UGC
13	Traffic Congestion In Azadpur Mandi: A Study On The Largest Vegetables And Fruits Market Of Asia	Raman Ekta, Anand Subhash, Suresh V. Madha, Sharma Poonam, Singh Anju, Kumar Suraj	Geography, Environment, Sustainability	2021	Scopus
14	Estimation of leaf area index over parts of the Thar desert using geospatial techniques	Suraj Kumar Singh, Niyamotulla Mondal, A. K. Bera, Manish Kumar Verma, Shruti Kanga	ANGRAU Research Journal	2021	UGC
15	Modeling the spatial pattern of sediment flow in lower Hugli estuary, West Bengal, India by quantifying suspended sediment concentration (SSC) and depth conditions using geoinformatics	Shruti Kanga, Gowhar Meraj, Barun Das, Majid Farooq, Subhamita Chaudhuri, Suraj Kumar Singh	Applied Computing and Geosciences	2021	Scopus
16	Comparative evaluation of geospatial scenario-based land change simulation models using landscape metrics	A. Arora, M. Pandey, V.N. Mishra, R. Kumar, P. K. Rai, R. Costache, M. Punia, L. Di,	Ecological Indicators	2021	WOS

1	Comparison of the effectiveness of two Budyko-based methods for actual evapotranspiration in Uttar Pradesh state, India	Varun Narayan Mishra	Geographia Technica	2020	Scopus
2	Spatial flood susceptibility prediction in Middle Ganga Plain: Comparison of frequency ratio and Shannon's Entropy models	Varun Narayan Mishra	Geocarto International	2020	WOS
3	Climate change effect on water resources in the Varanasi district, India	Varun Narayan Mishra	Meteorological Applications	2020	WOS
4	A Review of application of GIS for geospatial analysis of vector born diseases (Dengue and Maleria)	Yes	Asia Life sciences	2020	Scopus
5	Sustainable managm,ent of ecotourism in Western Rajasthan, India "A geospatial apporch"	Yes	GeoJournal of Tourism and Geosites	2020	Scopus
6	Paleontological resources for geotourism in badmer area in of Western rajasthan, India "Implication for a national fossil park devlopment	Saurabh Mathur, Sudhanshu, Suraj Kumar Singh, SC Mathur	Geo journal of tourism and geosites	2020	Scopus
7	Reporting the Management of COVID-19 Threat in India Using Remote Sensing and GIS Based Approach	Shruti Kanga, Sudhanshu, Gowhar Meraj, Majid Farooq, M. S. Nathawat, Suraj Kumar Singh	Geocarto International	2020	WOS
8	A Review of application of GIS for geospatial analysis of vector born diseases (Dengue and Maleria)	Priyanka Roy, Shruti Kanga	Asia Life sciences	2020	Scopus

9	Holocene climate variability and cultural dynamics in the Indian subcontinent	Pranaya Diwate	Episodes	2020	WOS
10	GIScience for Groundwater Prospect Zonation	Shruti Kanga, Abidur Jaman Sheikh, Udit Godara, Suraj Kumar Singh	Journal of Critical Reviews	2020	SCOPUS
11	3D GIS Retrospective flood visualization	Jean Joy, Shruti Kanga, Suraj Kumar Singh	Acta Technica Corviniensis- Bulletin of Engineering	2020	UGC
12	Optimization of state-of-the-art fuzzy-metaheuristic ANFIS based machine learning models for flood susceptibility prediction mapping in the Middle Ganga Plain, India	Aman Arora, Alireza Arabameri, Manish Pandey, Masood A.Siddiqui, U.K.Shukla, Dieu Tien Bui, Varun Narayan Mishra, Anshuman Bhardwaj	Science of The Total Environment	2020	WOS
13	Automatic feature extraction from High-Resolution images for the assessment and delineation of Trees outside Forest (TOF)	Mohd Hassanin, Shruti Kanga, Majid Farooq, Suraj Kumar Singh.	The Gujarat Agricultural Universities Research Journal.	2020	UGC
14	Climate variability from Indian subcontinent in the last 2ka: A Review	Pranaya Diwate, Narendra Kumar Meena, Sundeep Pandita	Journal of Critical Review	2020	Scopus
15	Inferring Relationship of Landslides, Tectonics, and Climate: Tons Valley, NW Himalaya	Imlirela Jamir, Pranaya Diwate, Vipin Kumar, Gambhir Singh Chauhan	Spatial Information Science for Natural Resource Management		
16	Morphometric Analysis of Tapi Drainage Basin Using Remote Sensing and GIS Techniques	Pavankumar Giri, Pranaya Diwate and Yadao Kumar Mawale	SUSTAINABLE DEVELOPMENT PRACTICES USING GEOINFORMATICS		

17	CONCEPT OF GEOHERITAGE: A REVIEW IN INDIAN CONTEXT	Saurabh Mathur	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI
18	FLUORIDE CONTAMINATION ISSUES OF GROUNDWATER IN RAJASTHAN: A REVIEW	Anjali Rai	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI
19	APPLICATION OF REMOTE SENSING AND GIS IN CROP MODELLING: A REVIEW	Rekha Kumari	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI
20	REVIEW ARTICLE ON CLIMATE INDUCED MIGRATION: RISK ASSESSMENT AND MANAGEMENT --A CASE STUDY OF SAGAR ISLAND OF INDIAN SUNDARBAN	Aparna Bera	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI
21	ECOSYSTEM SERVICE PROVISIONING – UNDERLYING PRINCIPLES AND TECHNIQUES	Gowhar Meraj	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI
22	A REMOTE SENSING–GIS EVALUATION OF URBAN EXPANSION- A CASE STUDY OF MUSHARI BLOCK, MUZAFFARPUR DISTRICT, BIHAR	Bhartendu Sajan	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI
23	ENVIRONMENTAL IMPACTS OF MINING AND PROCESSING OF MINERALS: A REVIEW	Kamod K Rathore	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI

24	TOURISM POTENTIAL IN SOUTHERN HIMACHAL- ACASE STUDY OF SIRMOUR DISTRICT	Jagpal Singh Tomar	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI
25	REAL ESTATE MANAGEMENT USING WEB GIS	Anu Singh	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI
26	GEOINFORMATICS FOR MAPPING CLIMATE CHANGE VULNERABILITY	Majid Farooq	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI
27	URBAN FLOOD MANAGEMENT USING GEO-SPATIAL TECHNIQUES – A LITERATURE REVIEW	Pallavi Tomar	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI
28	A GEOSPATIAL BASED APPROACH FOR SUSTAINABLE WATER MANAGEMENT UDAIPUR-DISTRCT, RAJASTHAN: A LITERATURE REVIEW	Gara Megha Shyam	Suresh Gyan Vihar University Journal Of Climate Change And Water	2020	ICI
29	Estimation of changes in land surface temperature using multi-temporal Landsat data of Ghaziabad District, India	A. Singh, V. N. Mishra	Forum geographic	2020	Scopus

30	Geospatial Approach for quantitative drainage morphometric analysis of Varuna river basin, India	Varun Narayan Mishra	Journal of Landscape Ecology	2019	Scopus
31	A Geospatial Approach for Groundwater Potential Assessment Using Multi Influence Factor (MIF) Technique.	Abu Talha Sohail, Suraj Kumar Singh and Shruti Kanga	International Journal on Emerging Technologies	2019	Scopus

32	Groundwater Prospect Zonation Using Frequency Ratio Model For Banganga River Basin, India	Suraj Kumar Singh and Shruti Kanga	International Journal of Engineering and Advanced Technology	2019	Scopus
33	A GIS Based Groundwater Vulnerability Assessment using a DRASTIC Model at Mahi River Basin, Rajasthan, India	Suraj Kumar Singh and Shruti Kanga	International Journal of Innovative Technology and Exploring Engineering	2019	Scopus
34	Rapid assessment of Land-Use conversion patterns using geospatial technology in apple dominated areas of Kulgam and Shopain Districts, Jammu And Kashmir, India	Sanu Kumar, Shruti Kanga, Majid Farooq and Suraj Kumar Singh	Plant Archives International Journal of Plant Research	2019	Scopus
35	Kerala Flood 2018: Flood Mapping by Participatory GIS approach, Meloor Panchayat	Suraj Kumar Singh and Shruti Kanga	International Journal on Emerging Technologies	2019	Scopus
36	GIS Based Mapping of Optical Fiber Cable in a Part of ALWAR District, Rajasthan, India.	Suraj Singh, Varun Narayan Mishra	International Journal of Recent Technology and Engineering	2019	Scopus
37	Groundwater assessment in Kota District (Rajasthan), India using GIS Techniques.	Gopal Rui Das, Suraj Kumar Singh, Sudhanshu	International Journal of Scientific & Technology Research	2019	Scopus
38	Eduacaran fauna of the Jodhpur Group (Marwar Super Group) in Jodhpur City, Western Rajasthan, India: Implication for Potential Geoharitage sites	S. Mathur, Sudhanshu, S.K. Singh, S.C. Mathur	Estudios Geologicos Julio Diciembre	2019	WOS
39	A review of Urban Growth and Change Detection of Jaipur City	Mukesh Singh Yadav	Suresh Gyan Vihar Univeresity Journal of Climate change and water	2020	ICI
40	Ecotourism Potential in Western Rajasthan. A Case Study of Jaisalmer District	Rajeev Singh Chandel	Suresh Gyan Vihar Univeresity Journal of Climate change and water	2020	ICI

41	Landslide susceptibility analysis using the Integration of Geospatial Model and Discriminant analysis Process for Decision Making Technique: A Review Paper	Saurabh Sharma	Suresh Gyan Vihar Univeresity Journal of Climate change and water	2020	ICI
42	Flood Inundation Mapping – A Comparison of Different Satellite Image Processing Methods Using Sentinel 2 Images: A Review Paper	Jean Joy	Suresh Gyan Vihar Univeresity Journal of Climate change and water	2020	ICI
43	Identification of Urban Sprawl using Geospatial Techniques: A Review.	Amit Verma	Suresh Gyan Vihar Univeresity Journal of Climate change and water	2020	ICI
44	Estimation of Surface runoff using geospatial model: A case study of Gandheshwari watershed, Bankura (West Bengal)	Mohd. S. Ul Hasan, Suraj Kumar Singh and Sudhanshu	Environment & We: An international Journal of Science & Technology,	2018	UGC
45	Delineation of Shoreline change along Chilika Lagoon (Odisha), East Coast of India using Geospatial technique	Sanjay Kumar, Shruti Kanga, Suraj Kumar Singh, R. S Mahendra	International Journal of African and Asian Studies	2018	UGC
46	Urban Growth Modeling Using Logistic Regression and Geo-informatics: A Case of Jaipur, India	Pratyush, Rohit Raman, Aritra Bandopadhyay, Suraj Kumar Singh	Environment & We: An international Journal of Science & Technology	2018	UGC
47	Assessment of Landuse and land cover during pre and post cyclone Phailin at southern part of Orissa coast.	Sanjay Kumar, Suraj Kumar Singh, R. S Mahendra,	Journal on Future Engineering and Technology	2018	UGC
48	Geospatial Modelling To Assess Human Elephant Conflict and Corridor Mapping In Palamau Tiger Reserve, Jharkhand (India)	Shruti Kanga, A.C Pandey, Ayesha Shaheen, Suraj Kumar Singh	Journal on Future Engineering Technology	2018	UGC
49	Water Harvesting through Inter-basin Transfer Technique for part of Visakhapatnam Urban Area using Geo-Spatial Technology	Kiran Jalem and Suraj Kumar Singh	Environment & We: An international Journal of Science & Technology,	2018	UGC
50	Estimating the change in forest cover density and predicting NDVI for West Singhbhum using linear regression.	Akash Anand, Suraj Kumar Singh, Shruti Kanga	International Journal for Environmental Rehabilitation and Conservation	2018	UGC
51	Assessment of Geospatial Approaches Used for Classification of Crops	Suraj Kumar Singh, Shruti Kanga, Sudhanshu	International Journal of Mathematical, Engineering and Management Sciences	2018	UGC
52	Delineation of Urban Built-Up and Change Detection Analysis using Multi-Temporal Satellite Images,	Shruti Kanga, Suraj Kumar Singh, Sudhanshu	International Journal of Recent Research Aspects	2018	UGC

53	Landscape Classification of Sariska National Park (India) and its Environments using Geospatial Technology	Shruti Kanga, Suraj Kumar Singh, Sudhanshu and Isaac Berchie	Research & Reviews: Journal of Space Science & Technology	2018	UGC
54	Use of Geospatial Techniques to Manage the Tourists & Administration: A Case Study of Mount Abu, Rajasthan	Chandel R.S, Kanga S,	Environment & We: An international Journal of Science & Technology	2018	UGC
55	Dynamic Changes in Mangrove Forest and LU/LC Variation Analysis over Indian Sundarban Delta in West Bengal (India) Using Multi-Temporal Satellite Data	Ranjan A. K, Kanga S	Journal on Future Engineering Technology	2018	UGC
56	Geospatial Approach For Delineation Of Artificial Recharge Sites In Gandheswari Watershed, West Bengal (India)	Hasan M. S. U, Kanga S, Sudhanshu	Journal on Future Engineering and Technology	2018	UGC
57	Web Enabled Open Source GIS Based Tourism Information System for Shimla Municipality (H.P), India	Yadav A K, Kanga S, Kumar R	Journal on Information Technology	2018	UGC
58	Water Balance Assessment Using Geospatial Techniques: A Review	Kumar A, Kanga S, Sudhanshu	Journal on Future Engineering and Technology,	2018	UGC
59	Forest Fire Hazards Vulnerability and Risk Assessment in Bhajji Forest Range of Himachal Pradesh (India): A Geospatial Approach	Shruti Kanga, Gaurav Tripathy, Suraj Kumar Singh	Journal of Remote Sensing & GIS	2017	UGC
60	Delineation of waterlogged areas in Vaishali district (Bihar) using normalized difference water index	Suraj Kumar Singh	SGVU J Clim Change Water	2017	ICI
61	Land use/land cover change dynamics and river water quality assessment using geospatial technique: a case study of Harmu river, Ranchi (India)	Suraj Kumar Singh, Vikash Kumar, Shruti Kanga	International Journal of Computer Sciences and Engineering.	2017	UGC
62	Climate induced variation in forest fire using Remote Sensing and GIS in Bilaspur	Shruti Kanga, Sumit Kumar, Suraj Kumar Singh	International Journal of Engineering and Computer Science,	2017	UGC

	District of Himachal Pradesh				
63	Mapping of salt affected and waterlogged areas using geospatial technique	Suraj Kumar Singh, Shruti Kanga	International Journal of Recent and Innovation Trends in Computing and Communication	2017	UGC
64	Elephant Habitat Suitability using Geoinformatics for Palamau Tiger Reserve, Jharkhand (India)	Shruti Kanga, Arvind Chandra Pandey, Ayesha Shaheen, Suraj Kumar Singh.	International Journal for Research in Applied Science and Engineering Technology	2017	UGC
65	Forest fire simulation modeling using remote sensing & GIS	Shruti Kanga, Suraj Kumar Singh	International Journal of Advanced Research in Computer Science	2017	UGC
66	Role of GIS in Creation of Spatial Socio Economic Indicators of Bilaspur District, H.P.	Shruti Kanga, Suraj Kumar Singh, Sudhanshu	Journal of Arts, Science and Commerce International Refereed Research Journal	2017	UGC
67	Role of Geoinformatics in Site Suitability Analysis of Infrastructures using PRA Approach	Suraj Kumar Singh, Shruti Kanga	American International Journal of Research in Science, Technology, Engineering & Mathematics	2017	UGC
68	Delineation of groundwater potential zone using geospatial techniques for Shimla city, Himachal Pradesh (India),	Suraj Kumar Singh, Shailja Kant Mishra, Shruti Kanga	International Journal for Scientific Research and Development	2017	UGC
69	Evaluation of flood and waterlogging dynamics in indo-gangetic plain using geospatial technique: a review	Suraj Kumar Singh	Open Access International Journal of Science and Engineering	2017	UGC
70	Optimum Path from Tourist Places to Railway Station and Hospitals & Fire Services using GIS-Based Network Analysis: A Case Study of Jaisalmer and Sam Blocks of Jaisalmer District, Rajasthan (India),	Subham Sadhu, Suraj Kumar Singh, Shruti Kanga	International Journal of Technology Research and Management,	2017	UGC
71	Assessment of land use/land cover changes using geospatial technique at Osian-Mandore, Jodhpur (Rajasthan),	Basudeb Roy, Shruti Kanga, Suraj Kumar Singh	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2017	UGC
72	Natural Resource Database Generation for Parts of Raebareli, Districts of UP	Pallavi Tomar, Shurti Kanga, Sudhanshu, Suraj Kumar Singh	International Journal for Science and Advance Research in Technology	2017	UGC

73	Wheat Acreage Area of Jalandhar District in Punjab and Health Monitoring of Crop Growing Stage	Shubham Aich, Suraj Kumar Singh, Shruti Kanga and Sudhanshu	International Journal of Advanced and Innovative Research	2017	UGC
74	Assessment of techniques for modelling forest fire risk and hazards,	Kanga S.	Open Access International Journal of Science and Engineering	2017	UGC
75	Forest cover and land use mapping using remote sensing and GIS Technology	Kanga S.	SGVU J Clim Change Water	2017	ICI