




Faculty Details Proforma



Title	Dr.	First Name	Suraj Kumar	Last Name	Mallick	Photograph
Designation	Assistant Professor in Geography					
Address	Shaheed Bhagat Singh College, University of Delhi, Sheikh Sarai, Phase-II, New Delhi 110017, India. www.sbsc.in					
Date of Birth	03-11-1993					
Phone No Office						
Mobile	9635042359					
Email	surajkumarmallick@sbc.du.ac.in surajkumarmallick5@gmail.com					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	Vidyasagar University				2022	
M.Sc	Vidyasagar University				2016	
B.Sc (Hons)	University of Kalyani				2014	
DCA	JNNYC				2012	
Career Profile						
<ol style="list-style-type: none">1. Assistant Professor at Department of Geography, Shaheed Bhagat Singh College, University of Delhi (April, 2023- till date)2. Post-Doctoral Fellow with Institute Assistantship, Centre For Technology Alternatives For Rural Areas, Indian Institute of Technology Bombay, Powai, Mumbai. (January, 2023 - March, 2023)3. Research Associate, Department of Geography, Delhi School of Economics, University of Delhi, New Delhi. (September, 2022 – January, 2023)4. Contractual Whole Time Teacher (CWTT), Bajkul Milani Mahavidyalaya, Vidyasagar University, Purba Medinipur, West Bengal. (July, 2017 – June, 2018)						
Areas of Interest / Specialization						
Urban Geography and Regional Planning, Remote Sensing and GIS, Environment Geography						
Papers Taught						
<ol style="list-style-type: none">1. Statistics in Geography2. GI-Science3. Introduction of GIS						

Research Guidance

NIL

Publications Profile

Research Articles

1. **Mallick, S. K.**, Rudra, S., & Maity, B. (2023). Unplanned urban built-up growth creates problem in human adaptability: Evidence from a growing up city in eastern Himalayan foothills. *Applied Geography*, 150, 102842 <https://doi.org/10.1016/j.apgeog.2022.102842>
2. **Mallick, S. K.**, Rudra, S., & Maity, B. (2022). Land suitability assessment for urban built-up development of a city in the Eastern Himalayan foothills: a study towards urban sustainability. *Environ Dev Sustain.* 1-26. <https://doi.org/10.1007/s10668-022-02857-8>
3. Maity, B., **Mallick, S. K.**, Das, P., & Rudra, S. (2022). Comparative analysis of groundwater potentiality zone using fuzzy AHP, frequency ratio and Bayesian weights of evidence methods. *Applied Water Science*, 12(4), 63. <https://doi.org/10.1007/s13201-022-01591-w>
4. Maity, B., Mallick, S.K. & Rudra, S. (2022). Spatiotemporal dynamics of urban landscape in Asansol municipal corporation, West Bengal, India: a geospatial analysis. *GeoJournal* 87, 1619–1637. <https://doi.org/10.1007/s10708-020-10315-z>
5. **Mallick, S. K.**, & Rudra, S. (2021). Land use changes and its impact on biophysical environment: Study on a river bank. *The Egyptian Journal of Remote Sensing and Space Science*, 24(3), 1037-1049. <https://doi.org/10.1016/j.ejrs.2021.11.002>
6. Maity, B., **Mallick, S. K.**, & Rudra, S. (2021). Integration of urban expansion with hybrid road transport network development within Haldia Municipality, West Bengal. *The Egyptian Journal of Remote Sensing and Space Science*, 24(3), 471-483. <https://doi.org/10.1016/j.ejrs.2020.10.005>
7. **Mallick, S. K.**, Pramanik, M., Maity, B., Das, P., & Sahana, M. (2021). Plastic waste footprint in the context of COVID-19: reduction challenges and policy recommendations towards sustainable development goals. *Science of the Total Environment*, 796, 148951.

<https://doi.org/10.1016/j.scitotenv.2021.148951>

8. **Mallick, S. K.**, Das, P., Maity, B., Rudra, S., Pramanik, M., Pradhan, B., & Sahana, M. (2021). Understanding future urban growth, urban resilience and sustainable development of small cities using prediction-adaptation-resilience (PAR) approach. *Sustainable Cities and Society*, 74, 103196. <https://doi.org/10.1016/j.scs.2021.103196>
9. **Mallick, S. K.** (2021). Prediction-Adaptation-Resilience (PAR) approach-A new pathway towards future resilience and sustainable development of urban landscape. *Geography and Sustainability*, 2(2), 127-133. <https://doi.org/10.1016/j.geosus.2021.06.002>
10. **Mallick, S. K.**, & Rudra, S. (2021). Livelihood and environmental sustainability analysis using aquaculture-based indicators: a study on selected CD blocks of Purba Medinipur District, West Bengal. *Indian Journal of Geography*. 18, 14-24.
11. **Mallick, S.K.**, Rudra, S., & Samanta, R. (2020). Sustainable ecotourism development using SWOT and QSPM approach: A study on Rameswaram, Tamil Nadu. *International Journal of Geoheritage and Parks (Elsevier)*, 8(3):185-193. <https://doi.org/10.1016/j.ijgeop.2020.06.001>

Book Chapters in Edited Book

1. **Mallick, S.K.**, Maity, B., Das, P., & Rudra, S. (2023). GIS-based groundwater recharge potentiality analysis using frequency ratio and weights of evidence models. In *Case Studies in Geospatial Applications to Groundwater Resources* (pp. 91-108). Elsevier. <https://doi.org/10.1016/B978-0-323-99963-2.00016-X>
2. **Mallick, S.K.**, & Rudra, S. (2021). Analysis of Groundwater Potentiality Zones of Siliguri Urban Agglomeration Using GIS-Based Fuzzy-AHP Approach. In: Shit, P.K., Bhunia, G.S., Adhikary, P.P., Dash, C.J. (eds) *Groundwater and Society*. Springer, Cham. https://doi.org/10.1007/978-3-030-64136-8_7
3. **Mallick, S.K.**, Maity, B., & Rudra, S. (2021). Aquaculture-Based Water Quality

Assessment and Risk Remediation along the Rasulpur River Belt, West Bengal. In: Shit, P.K., Adhikary, P.P., Sengupta, D. (eds) *Spatial Modeling and Assessment of Environmental Contaminants. Environmental Challenges and Solutions*. Springer, Cham. https://doi.org/10.1007/978-3-030-63422-3_13

Conference/ workshop Attends

Paper Presentation

1. GIS-based land suitability assessment for urban built-up area development. **International Geographical Union (IGU) Thematic Conference**, 2022 Organized by ICSSR and University of Haryana 24-25th November, 2022.
2. Water Quality Assessment (WQA) of the Newly Emerged Aquaculture Areas of Purba Medinipur District, West Bengal. National Conference on Geo-spatial Intelligence for Environmental Hazards and Disaster Management Organized by **Raja N.L. Khan Women's College (Autonomous)** 5-6th March, 2022.
3. Change monitoring of urban built-up area using CA-Markov method on Siliguri urban area (SUA), India. **International Geographical Union (IGU)**, India, Organized by University of Burdwan, on 6-8th March, 2020.
4. Groundwater Potentiality Zone Analysis Using Fuzzy-AHP Approach on Siliguri Urban Area (SUA), India. **51st Annual Seminar of Regional Science Association India (RASi)**, Organized by Amity University on 13th-15th February, 2020.
5. Sustainable ecotourism development using SWOT and QSPM approach: A study on Rameswaram, Tamil Nadu. **UGC-NSQF sponsored One Day International Conference on Smart Tourism and Travel Trade** by Midnapore College (Autonomous) on 10th January, 2020.
6. Spatio-temporal change analysis of land use and land cover by Geo-spatial techniques. **International Conference on Society and Sustainability: An Interdisciplinary Approach**, Vivekananda College, 12-13th January, 2019.
7. Landscape Transformation and Its Impact on Livelihood and Environment. International Symposium on Recent Trend in **Agriculture Biodiversity and Social Sustainability (ABSS, 2018)**, 30th Sept-01st Oct, 2018 organized by BSI, Allahabad, India.

8. Beating Plastic Waste Pollution: Remedies and Recommendations. One Day Seminar on Beat Plastic Pollution for World Environment Day 2018, organized by Regional Centre of **Zoological Survey of India, Ministry of Environment, Forest and Climate Change, Govt. of India** on 5th June, 2018.
9. A Bio-Geographic View to Assess the Ecological Sensitivity on Dalma Wildlife Sanctuary, East Singbhum, Jharkhand. **UGC-ICSSR Sponsored National Seminar on Contextualising Issues in Applied Geography**, Vidyasagar University, 04-05th March, 2016.

Workshop and Training Courses

1. National Workshop on Heat Wave 2023 Early Planning and Effective Action: Saving Lives. **Indian Institute of Technology Bombay, National Disaster Management Authority, and Government of India.** 13th - 14th February, 2023.
2. Skill Based Creative Tourism Development for Revitalizing the Identities of Local Communities. **Central University of Jammu in Associated with Global Initiative of Academic Networks (GIAN), Government of India.** 18th April, 2022 to 22nd April, 2022.
3. Three Months' training programme on **Python for GIS and Mapping** (Online Mode), **International Institute of Geospatial Science and Technology (IIGST), India.** 17th July 2021 to 01st November, 2021.
4. Three Days' Programme on COVID-19 Second Wave and Logistic Supply Chain Management on 11 May 2021 to 13 May 2021 (Online Mode). **National Institute of Disaster Management, Ministry of Home Affairs, Government of India in collaboration with Federation of Indian Chambers of Commerce and Industry, India.**
5. Emerging Challenges for Disaster Risk Reduction, New Strategies and 15th Finance Commission (Online Mode), 27-29th May, 2021. **National Institute of Disaster Management, Ministry of Home Affairs, Government of India in collaboration with Central University of Tamil Nadu, India.**
6. Forest Fires Risk Mitigation and Management in Mizoram (Online Mode), 12th May, 2021. **National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Centre for Disaster Management Mizoram University, India.**
7. Hospital Management during COVID-19 Surge on 29th April, 2021 (Online Mode). **National Institute of Disaster Management, Ministry of Home Affairs, Government**

<p>of India.</p> <p>8. Improved Climate Change Strategies in Water Resources, 12-18th November, 2018. Global Initiative of Academic Networks (GIAN), Indian Institute of Technology Kharagpur, India.</p> <p>9. Seven Days' Workshop-cum-Hands on Training Programme on Application of ArcGIS Software in Research Methodology, 29th oct-4th Nov, 2018. The Centre for Environment and Economic Development (CEED), New Delhi, Niti Aayog, Govt. of India.</p>
<p>Awards and Distinctions</p> <p>UGC NET JRF (Geography) in January, 2017. UGC NET & Lectureship (Geography) July, 2016.</p>
<p>Association With Professional Bodies</p> <p>NIL</p>
<p>Other Activities</p> <p>NIL</p>