



Faculty Details



DR. SURAJ KUMAR MALLICK (Ph.D.; Post Doc)
ASSISTANT PROFESSOR (Level-10)
DEPARTMENT OF GEOGRAPHY
SHAHEED BHAGAT SINGH COLLEGE
UNIVERSITY OF DELHI (SOUTH CAMPUS)
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Educational Qualifications

Degree	Institution	Year
Post Doc.	Indian Institute of Technology Bombay	2023
Ph.D.	Vidyasagar University	2022
M.Sc	Vidyasagar University	2016
B.Sc (Hons)	University of Kalyani	2014
DCA	JNNYC	2012

Career Profile

1. **Assistant Professor at Department of Geography, Shaheed Bhagat Singh College, University of Delhi, New Delhi 110017 (April, 2023- till date)**
2. **Research Associate, Department of Geography, Delhi School of Economics, University of Delhi, New Delhi 110007 (September, 2022 – January, 2023)**
3. **Contractual Whole Time Teacher (CWTT), Bajkul Milani Mahavidyalaya, Vidyasagar University, Purba Medinipur, West Bengal 721455 (July, 2017 – June, 2018).**

Areas of Interest / Specialization

1. Urban Geography and Regional Planning
2. Remote Sensing and GIS
3. Water Resource Management
4. Climate Change Research

Research Guidance

Ph.D. Supervision: 3 (Ongoing) Vacant: 1

1. **Pragya** (Jan, 2025 to ongoing): “*Assessing Stratospheric Aerosol Injection Impacts on Teleconnections and Southwest Monsoon Variability in the Indo-Gangetic Plain*”
2. **Ritam Sarkar** (July, 2025 to ongoing): “*Assessment of Urbanization-Induced Wetland Shrinkage and Its Sustainable Conservation Strategies in Delhi-NCR*”
3. **Taniya Paul** (Feb, 2026 to ongoing): “*Towards a Flood-Resilient Delhi-NCT: Assessment of Urban Pluvial Flood Risk and Mitigation Strategies*”

Dissertation Guidance

4th Year UG Student: 2

1. **Olivia Pukhan** (2025-26): *Urbanization and Groundwater Resource Management in Guwahati, Assam (Awarded)*
2. **Chetan Patnaik** (2025-26): *Multimodal Transport Accessibility Analysis of the National Capital Territory (NCT) of Delhi (Awarded)*

Research Articles in Scopus/WoS-Indexed Journals

1. Manna, H., Ahamed, R., Pramanik, M., **Mallick, S. K.**, & Sarkar, S. (2026). Multi-scenario simulation of urban land use and carbon stock in Bangkok. *Journal of Cleaner Production*, 564, 148530.
2. **Mallick, S. K.**, Das, P., Sahu, N., Maity, B., Pradhan, B., Rane, N. L., & Rudra, S. (2026). A decision framework on sustainable groundwater resource management for prolonged dry condition in Eastern India Plateau region. *Geosystems and Geoenvironment*, 100516.
3. Thakur, P. K., Verma, R. K., Thakur, P. K., **Mallick, S. K.**, Pradhan, B., & Kumar, R. (2026). Assessing Landscape Dynamics and Variations in Land Surface Temperature in the Parbati Watershed of the Himalayas. *International Journal of Environmental Research*, 20(2), 79.

4. Sahu, N., Kesharwani, R., Rathore, Y. S., Kumar, A., Varun, A., Mishra, M. M., ... & **Mallick, S. K.** (2026). Climate change impacts on vegetation dynamics and transhumant pastoralism in the Western Himalayas. *Environmental Monitoring and Assessment*, 198(4), 385.
5. Mallick, G., Singla, S., **Mallick, S. K.**, Sahu, N., Mishra, M. M., & Varun, A. (2026). Empowering Urban Women Street Vendors Through the Impact of Digital Payments: An Empirical Investigation in the Megacity of Delhi. *Economies*, 14(4), 119.
6. Sahu, N., Das, P., Gupta, P., **Mallick, S. K.**, Pandey, R., Wang, X., ... & Kumar, A. (2026). Spatial analysis and hybrid machine learning prediction of forest fire susceptibility: a longitudinal appraisal synergy with physiographic division. *Advances in Space Research*.
7. Manna, H., **Mallick, S. K.**, Pramanik, M., & Sarkar, S. (2026). Urban eco-environmental quality mapping in Mumbai: An integrated remote sensing and GIS approach. *Journal of Urban Management*.
8. Paul, S., Rout, S., Behera, R. N., & **Mallick, S. K.** (2025). How is peri-urban research evolved towards sustainable urban planning in last five decades: a quantitative analysis and systematic review. *Frontiers of Urban and Rural Planning*, 3(1), 19.
9. Tun, K. Z., Pramanik, M., **Mallick, S. K.**, Chakraborty, R., Halder, B., ..., & Zhran, M. (2025). Cooling the Cities: A Comprehensive Review of Urban Heat Island Mitigation Strategies in Southeast Asia. *Human Settlements and Sustainability* 1(2), 91-102.
10. Sahu, N., Kesharwani, R., Das, P., ..., **Mallick, S.K.**, & Mishra, M. M. (2025). Spatiotemporal dynamics of rice cultivation in India. *Tropical Ecology*, 66(1), 152-167.
11. Manna, H., **Mallick, S. K.**, Sarkar, S., & Roy, S. K. (2025). Developing decision making framework on built-up site suitability assessment for urban regeneration in the Industrial cities of Eastern India. *Scientific Reports (Nature)* 15, 5708.
12. Rudra, S., Das, P., **Mallick, S. K.**, Maity, B., Sahu, N., & Khan, U. (2025). Application of geo-spatial and geo-statistical techniques in site suitability analysis for potential urban built-up area development. *Environment, Development and Sustainability*, 1-29.
13. Maity, B., Rudra, S., **Mallick, S. K.**, & Pramanik, M. (2025). Monitoring of Urban Heat

- Island Intensities and Outdoor Thermal Comfort in an Industrial City: A Study Towards Sustainable Urban Heat Reduction. *Journal of the Indian Society of Remote Sensing*, 1-22.
14. Sahu, N., Nayan, R., Panda, A., Varun, A., Kesharwani, R., Das, P., Kumar, A., **Mallick, S.K.**, Mishra, M.M., Saini, A. and Aggarwal, S.P., 2024. Impact of changes in rainfall and temperature on production of Darjeeling Tea in India. *Atmosphere*, 16(1).
 15. **Mallick, S. K.** (2024). Peri-urban interface: challenges and opportunities in spatial planning and management. *Modern Cartography Series*, 11, 529-542.
 16. Sahu, N., **Mallick, S. K.**, Das, P., Saini, A., Sayama, T., Varun, A., ... & Thakur, P. K. (2024). Climatic impacts on spring disappearance in the Indian Himalayas. *Geomatics, Natural Hazards and Risk*, 15(1), 2433115.
 17. Sarkar, S., **Mallick, S. K.**, Manna, H., & Roy, S. K. (2024). Urbanization-Induced Land Use Dynamics and Its Impacts on Present and Future Urban Ecosystem Services in the Industrial Cities of India. *Earth Systems and Environment*, 1-25.
 18. **Mallick, S. K.**, Sahu, N., Das, P., Maity, B., Varun, A., Kumar, A., ... & Rudra, S. (2024). Impact of urban growth in Delhi and It's Peri-urban environment on urban heat exposure. *Urban Climate*, 56, 102010.
 19. Abdo, H. G., Vishwakarma, D. K., Alsafadi, K., Bindajam, A. A., Mallick, J., **Mallick, S. K.**, ... & Hysa, A. (2024). GIS-based multi-criteria decision making for delineation of potential groundwater recharge zones for sustainable resource management in the Eastern Mediterranean: a case study. *Applied Water Science*, 14(7), 160.
 20. Rane, N. L., **Mallick, S. K.**, Saha, A., Pande, C. B., Rane, J., Roy, R., ... & Radwan, N. (2024). Appraisal on suitable landfill site selection for municipal solid waste disposal using GIS and MIF methods. *Physics and Chemistry of the Earth, Parts A/B/C*, 134, 103591.
 21. Sahu, N., Das, P., Ratna, S. B., Saini, A., **Mallick, S. K.**, Kumar, A., & Mohapatra, M. (2024). A bibliometric analysis for Indian summer monsoon variability. *Spatial Information Research*, 1-17.
 22. **Mallick, S. K.** (2024). Urban built-up area footprint (UBAF): A novel method of urban

- bio-capacity and ecological sensitivity assessment. *Journal of Cleaner Production*, 140846.
23. Rane, N. L., Günen, M. A., **Mallick, S. K.**, Rane, J., Pande, C. B., Giduturi, M., ... & Alreshidi, M. A. (2024). GIS-based multi-influencing factor (MIF) application for optimal site selection of solar photovoltaic power plant in Nashik, India. *Environmental Sciences Europe*, 36(1), 5.
 24. **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.
 25. Rane, N. L., Achari, A., Choudhary, S. P., **Mallick, S. K.**, Pande, C. B., Srivastava, A., & Moharir, K. N. (2023). A decision framework for potential dam site selection using GIS, MIF and TOPSIS in Ulhas River basin, India. *Journal of Cleaner Production*, 423, 138890.
 26. Sahu, N., Das, P., Saini, A., Varun, A., **Mallick, S. K.**, Nayan, R., ... & Kumar, A. (2023). Analysis of Tea Plantation Suitability Using Geostatistical and Machine Learning Techniques: A Case of Darjeeling Himalaya, India. *Sustainability*, 15(13), 10101.
 27. **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
 28. 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.
 29. 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.
 30. **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.

31. 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.
32. **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.
33. **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.
34. **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.
35. **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 and Environment*, 18, 14-24.
36. **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.

Book Chapters in Edited Book Springer/Elsevier

1. **Mallick, S. K.**, Bhunia, A., Higuera, E., & Roy, S. S. (2025). Building Bridges: Conceptualizing Socio-ecological Resilience for Sustainable Quality of Life. In **Socio-Ecological Resilience and Sustainable Quality of Life** (pp. 3-21). Cham: Springer Nature Switzerland.
2. Das, P., Rudra, S., Maity, B., **Mallick, S. K.**, Shikary, C., & Sahu, N. (2024). Modelling Urban Growth, Demand–Supply Dynamics, and Climate Resilience: A Study of a Class- I City in Eastern India. In *Cities of Tomorrow: Urban Resilience and Climate Change Preparedness* (pp. 107-130). Springer, Singapore.

3. **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>
4. **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
5. **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

Edited Books and Author Books

1. Rane, N., **Mallick, S.K.**, Pande, C.B., Rane, J. **Large Language Models for Sustainable Urban Development** (The Springer Series in Applied Machine Learning), **Springer Nature Switzerland**. ISBN No: 978-3-031-86039-3 (<https://doi.org/10.1007/978-3-031-86039-3>)
2. Avishek Bhunia, Shouraseni Sen Roy, **Suraj Kumar Mallick**, Ester Higuera. **Socio-Ecological Resilience and Sustainable Quality of Life** (The Springer Series in Sustainability Solutions). **Springer Cham**. ISBN No: 978-3-032-01020-9 (<https://doi.org/10.1007/978-3-032-01020-9>)
3. Rane, N., **Mallick, S.K.**, Kaya, O., & Rane, J. (2025). *Applied Machine Learning and Deep Learning: Architectures and Techniques* **Deep Science Publishing** (ISBN No: 978-81-981271-9-8).
4. Rane, N., **Mallick S.K.**, & Rane, J. (2024). Artificial Intelligence and Machine Learning for Enhancing Resilience **Deep Science Publishing**. (ISBN No: 978-93-7185-844-1).

Conference/ workshop Organized

1. Member of Organizing Committee of Two-day National Seminar on "**Population Dynamics, Public Health and Sustainable Development in India: Emerging Challenges and Policy Perspectives**" Organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi held on 23-24th April, 2026.
2. Member of the Organizing Committee of **ICSSR and Indian Oil-Sponsored International Conference** on “**Urban Development Missions Restructuring of Spaces and Emergence of New Urbanism**” Organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi held on 15-16th November, 2024.
3. Member of the Organizing Committee of **International G20 Conference** entitled “**Resilient Approaches for New World Order & Viksit Bharat**” on 25th September 2023 at Dr. Ambedkar International Centre (DAIC), New Delhi Organized by Shaheed Bhagat Singh College, University of Delhi, New Delhi-110017.
4. Member of the Organizing Committee of 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.

Awards and Memberships

1. **Young Research Award 2022**, Indian Institute of Scholar, Bangalore, India
2. **Life Member of Indian Society of Remote Sensing**, Dehradun, Uttarakhand, India
3. **Life Member of Geographical Society of Himachal Pradesh**, Shimla, Himachal Pradesh
4. **Life Member of National Association of Geographers India**, New Delhi, India
5. **Member of GIS Academia Council of India**, Esri India, New Delhi, India
6. **Life Member of Indian Institute of Scholar**, Bangalore, India

Administrative Responsibilities

1. 2025-2026: Co-Convenor of 19th Landscape Magazine Committee, Shaheed Bhagat Singh College, University of Delhi.
2. 2025-2026: Member of College Website Development Committee, Shaheed Bhagat Singh College, University of Delhi.
3. 2024-25: Member of the Central Admissions Committee, Shaheed Bhagat Singh College, University of Delhi.
4. 2024 - continue: Nodal officer of Indian Research Information Network System (IRINS), Shaheed Bhagat Singh College, University of Delhi.
5. 2024- continue: Time Table Management and Workload Committee, Shaheed Bhagat Singh College, University of Delhi.
6. 2023-2024: Convenor of 17th Landscape Magazine Committee, Shaheed Bhagat Singh College, University of Delhi.
7. 2023-2024: Member of the Central Admissions Committee, Shaheed Bhagat Singh College, University of Delhi.

Invited Lecture/ Lead Lecture/ Resource Person

1. Delivered Lecture as a **Resource Person** in the National Workshop on “**Geospatial Approaches Toward Urban Geographical Research and Hazard-Risk-Vulnerability Analysis (GeoUrbVA)**” Department of Geography, Benaras Hindu University, Varanasi, scheduled from 19-24 January 2026.
2. Lead Lecture entitled “*Application of Advanced GIS & ML Techniques in Urban Built-up Suitability Analysis and Urban Regeneration*” in the **Institute of Indian Geographers (IIG) International Seminar on “Geography in the 21st Century: Navigating Trends, Tackling Challenges**”, Organized by the Department of Geography & Applied Geography, University of North Bengal, from 19th to 21st February, 2026 at Raja Rammohunpur Campus, Siliguri.
3. Lead Lecture entitled “*Unplanned Urbanization: A Key Threat to Wetland Degradation in Delhi-NCT*” **International Seminar on “Wetland, Society and Sustainability**” Organized by Bangiyo Bhugol Mancha, Kolkata–700051, West Bengal, India, in Collaboration with Gangarampur College, Dakshin Dinajpur-733124, West Bengal, India during 28th February to 2nd March 2026.
4. Delivered Lecture as a **Resource Person** entitled “*Impact of Climate Change on Spring Water Disappearance and Local Perception in Western Himalaya, India*” at the **One Day National Level Seminar (Hybrid Mode) on Climate Change and Biodiversity Loss: A Threat to Earth’s Life Support System** Organized by Department of Geography and Botany, Narajole Raj College, Paschim Medinipur, West Bengal on 14th March 2026.

5. Delivered Lecture as a **Resource Person** entitled “*Application of GeoAI on Future Urban Growth and Sustainable Cities*” at the **Department of Science and Technology & Biotechnology (WBDSTBT) Sponsored Two-Day National Conference on Climate Change, Biodiversity and Environmental Sustainability** Organized by Natural and Applied Sciences Research Centre Raja N.L. Khan Women’s College (Autonomous), Midnapore-721102 West Bengal.
6. Delivered Lecture as **Resource Person** entitled on “*Impact of Climate Change on Spring Water Disappearance and People Perception in Himachal Pradesh, India*” at the **ANRF-SERB Sponsored National Conference on “Towards A Sustainable Future: Climate Change, Clean Energy and Environmental Sustainability”** Organized by Department of Geography and Zoology, Raja Narendra Lal Khan Women’s College (Autonomous), Midnapore-721102, West Bengal during **19th -21st March 2026**.
7. **Invited** as a **Resource Person in State-Level Seminar** entitled “**Sundarbans and Environment**” on 15th June, 2025 Jointly Organized by Purbasha Eco-Helpline Society and Department of Geography, Aliah University, Kolkata.
8. **Invited** as a **Guest Speaker in National Level Workshop** entitled “**Application of GIS**” on 12th June, 2025 organized by Department of Geography and IQAC of Chakdaha College, University of Kalyani, West Bengal.
9. **Invited Lecture** on “**Life Below Water and SDGs-14**” on 22nd March, 2025 organized by Rotaract Club SBSC, University of Delhi, New Delhi
10. **Invited** as **Resource Person** in **ANRF-SERB Sponsored National Conference** entitled “**Towards A Sustainable Future: Climate Change, Clean Energy and Environmental Sustainability**” on 19th-21st March, 2025 organized by Department of Geography and Zoology, Raja Narendra Lal Khan Women’s College (Autonomous), Midnapore-721102, West Bengal.

Session Chaired/Co-Chaired/Rapporteur in Conference/Seminar

1. Rapporteur of a Panel Discussion at the National Seminar on "**Population Dynamics, Public Health and Sustainable Development in India: Emerging Challenges and Policy Perspectives**" Organized by Department of Geography, Shaheed Bhagat Singh College, University of Delhi held on 23-24th April, 2026.
2. Session Chaired of a Technical Session at the **National Seminar & 4TH Annual GSHP Meet** on “*Geography, Sustainability and Inclusive Development: Pathways to Viksit Bharat @2047*”, scheduled to be held on 31st October-1st November 2025 at **Centre of Excellence, Govt. Degree College, Sanjauli, Shimla, Himachal Pradesh**

3. Session Chaired of a Technical Session at the **6th Asian Conference on Geography–2025 (ACG-2025)**, organized by the Department of Geography, Faculty of Sciences, Jamia Millia Islamia, New Delhi, India, themed “**Climate Change, Urbanization and Sustainable Resource Management in Asian Countries,**” during November 6–8, 2025.
4. Session Chaired of a Technical Session at the **Institute of Indian Geographers (IIG) International Seminar** on “**Geography in the 21st Century: Navigating Trends, Tackling Challenges**”, Organized by the Department of Geography & Applied Geography, University of North Bengal, from 19th to 21st February, 2026 at Raja Rammohunpur Campus, Siliguri.
5. Session Chaired of a Technical Session at the **International Seminar** on “**Wetland, Society and Sustainability**” Organized by Bangiyo Bhugol Mancha, Kolkata–700051, West Bengal, India, in Collaboration with Gangarampur College, Dakshin Dinajpur-733124, West Bengal, India during 28th February to 2nd March 2026.
6. Session Chaired of a Technical Session at the National Conference on “**Disaster, Resilience and Sustainability**” Organized by Shaheed Bhagat Singh Evening College, University of Delhi, New Delhi on 18th April, 2026.

Paper Presentation and Participation in Conference/Seminar

1. Presented Paper entitled “**Assessing Groundwater Issues using Geospatial Techniques in Guwahati, Assam**” at **International Seminar on “Wetland, Society and Sustainability**” Organized by Bangiyo Bhugol Mancha, Kolkata–700051, West Bengal, India, in Collaboration with Gangarampur College, Dakshin Dinajpur-733124, West Bengal, India during 28th February to 2nd March 2026.
2. Presented Paper entitled “**Assessing the Impact of Urban Expansion on Urban Heat Island: A Case Study of Delhi**” **International Seminar on “Wetland, Society and Sustainability**” at **International Seminar on “Wetland, Society and Sustainability**” Organized by Bangiyo Bhugol Mancha, Kolkata–700051, West Bengal, India, in Collaboration with Gangarampur College, Dakshin Dinajpur-733124, West Bengal, India during 28th February to 2nd March 2026.
3. Presented Paper entitled “**Land-Use Change, Urbanization and Wetland Degradation in Delhi-NCT**” in the **National Seminar on Wetlands and Traditional Knowledge: Celebrating Cultural Heritage** Jointly Organized by Department of Zoology and Geography Raja N.L. Women’s College (Autonomous) Midnapore-721102 West Bengal on 10th February, 2026
4. Presented Paper entitled “**Urbanization-Induced Land Use Land Cover Changes and Their Impact on Thermal Environment in Delhi (2000–2025)**” in the **6th Asian Conference on Geography–2025 (ACG-2025)**, organized by the Department of Geography, Faculty of Sciences, Jamia Millia Islamia, New Delhi, India, in collaboration with the **Asian Geographical Association (AGA), China**, during November 6–8, 2025.

5. Presented Paper on *Peri-urban interface: challenges and opportunities in spatial planning* Organized by **Shaheed Bhagat Singh College, University of Delhi**, New Delhi on 15-16th November, 2024.
6. Presented paper on *Climatic Change and Anthropogenic Impacts on Spring Disappearance in Himachal Pradesh, India* at the *National Seminar on “Disaster Risk Reduction in the Himalayas: Recent Advancements”* organized by the Centre for the Study of Regional Development, Jawaharlal Nehru University, New Delhi held on 20-21 September 2024.
7. Presented paper on *GIS-based land suitability assessment for urban built-up area development* at **International Geographical Union (IGU) Thematic Conference, 2022** Organized by ICSSR and University of Haryana 24-25th November, 2022.
8. Presented paper on *Water Quality Assessment (WQA) of the Newly Emerged Aquaculture Areas of Purba Medinipur District, West Bengal* at **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.
9. Presented paper on *Change monitoring of urban built-up area using CA-Markov method on Siliguri urban area (SUA), India* at **International Geographical Union (IGU)**, India, Organized by University of Burdwan, on 6-8th March, 2020.
10. Presented paper on *Groundwater Potentiality Zone Analysis Using Fuzzy-AHP Approach on Siliguri Urban Area (SUA), India* at **51st Annual Seminar of Regional Science Association India (RASi)**, Organized by Amity University on 13th-15th February, 2020.
11. Presented paper on *Sustainable ecotourism development using SWOT and QSPM approach: A study on Rameswaram, Tamil Nadu* at **UGC-NSQF sponsored One Day International Conference on Smart Tourism and Travel Trade** by Midnapore College (Autonomous) on 10th January, 2020.
12. Presented paper on *Spatiotemporal change analysis of land use and land cover by Geo-spatial techniques* at **International Conference on Society and Sustainability: An Interdisciplinary Approach**, Vivekananda College, 12-13th January, 2019.
13. Presented paper on *Landscape Transformation and Its Impact on Livelihood and Environment* at **International Symposium on Recent Trend in Agriculture Biodiversity and Social Sustainability (ABSS, 2018)**, 30th Sept-01st Oct, 2018 organized by BSI, Allahabad, India.
14. Presented paper on *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.

Workshop and Training Courses/FDP/CBP

1. Successfully completed a **one-week online Short-Term Training Programme** on **“Development of E-Content and MOOCs”** with Grade “A”, under the Malaviya Mission Teacher Training Programme (MMTTP), UGC, held from December 8–13, 2025, organized by the Malaviya Mission Teacher Training Centre (MMTTC), Shri Mata Vaishno Devi University, Katra, J&K.
2. Successfully completed **Faculty Induction Programme (Online FIP)** (Guru Dakshata) organized by **Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC)**, **Hansraj College** under the **Malaviya Mission Teacher Training Programme** from 02 - 28 June, 2025.
3. Participated and completed **Two-week CBP** on organized by the School of Social Sciences at **UGC- Malaviya Mission Teacher Training Centre, UGC-MMTTC JNU, New Delhi** from 30th September to 11th October 2024.
4. Participated and completed **One week FDP on NEP 2020 Orientation & Sensitization Programme** organized by **UGC-Malaviya Mission Teacher Training Centre, UGC-MMTTC JNU** through online mode from 18th March to 28th March, 2024.
5. Participated and completed **One-week FDP on Communication and Presentation Skills in Classroom Teaching** (18-22 December 2023) organized by **University of Delhi**.
6. Participated in **One Day FDP on NEP 2020: Pedagogical Imperatives of Higher Education** organised by **University of Delhi** held on 1st December, 2023.
7. Participated and completed **Three days Training Programme on “Disaster Response and Preparedness Towards Building Resilient Institution”** jointly organised by **University of Delhi and National Institute of Disaster Management (NIDM)** from 3 April, 2024 to 5 April, 2024.
8. Participated in International G20 Conference on **“Resilient Approaches for New World Order & Viksit Bharat”** at **Dr. Ambedkar International Centre, New Delhi, India** organised by **Shaheed Bhagat Singh College, University of Delhi** held on September 25, 2023.
9. Participated in International Webinar on **“Blue Planet: Environmental Change, Vulnerability and Geopolitics of Ocean”** Organised by **IGI-Young Geomorphologists Forum (IGI-YGF)** held on 8 June, 2023.
10. 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.

11. 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.
12. 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.
13. 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.**
14. 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.**
15. 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.**
16. Hospital Management during COVID-19 Surge on 29th April, 2021 (Online Mode). **National Institute of Disaster Management, Ministry of Home Affairs, Government of India.**
17. Improved Climate Change Strategies in Water Resources, 12-18th November, 2018. **Global Initiative of Academic Networks (GIAN), Indian Institute of Technology Kharagpur, India.**
18. 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.**

National/International Research Project

1. Received a research project as a Co-PI from IoE, University of Delhi titled “*Assessing Urban and Shoreline Vulnerabilities in Kochi, Kerala in Response to Climate Change, and City-Level Mitigation and Adaptation Measures for a Climate-Resilient City*” Budget Approved: Rs. 400000/-
2. Received a research project as a **Co-Project Director (Co-PD)** from ICSSR-funded titled “*Agrarian Challenges and Changing Family Systems among Different Religious Groups in Punjab: Future Scope and Possibilities of Revival*” on “Family and Family Systems in India” (2025-26), Budget Approved: Rs. 2000000/- (Twenty Lakh Rupees Only).

Editorial Activities

1. **Editorial Board Member, Humanities and Social Sciences Communications (Nature)**
Impact Factor: 3.6 (ISSN 2662-9992)
2. **Guest Editor, Discover Cities (Springer Nature)** (ISSN: 3004-8311)
3. **Editorial Board member at Deep Science Publishing** (International Book Publisher)
Since 2024 <https://deepscienceresearch.com/dsr>

Reviewing Activities in Scopus/WoS-Indexed Journals

1. Urban Climate (ISSN:2212-0955)
2. Environmental Monitoring and Assessment (ISSN:1573-2959)
3. Ecological Indicator (ISSN:1872-7034)
4. Economies (ISSN: 2227-7099)
5. Scientific African Journal (ISSN: 2468-2276)
6. Journal of Urban Technology (ISSN: 1466-1853)
7. Science of The Total Environment (ISSN:1879-1026) July, 2021- till date
8. Urban Climate (ISSN:2212-0955) October, 2021 - till date
9. Ecological Indicator (ISSN:1470-160X) August, 2023- till date
10. Environmental Development (ISSN:2211-4645) December, 2022- till date
11. Environment, Development and Sustainability (ISSN: 1573-2975) Dec, 2022-till date
12. Trees, Forests and People (ISSN: 2666-7193) October, 2021- till date
13. Sustainability (ISSN:2071-1050) 2022- till date
14. Energies (ISSN: 1996-1073) 2022- till date

15. Buildings (ISSN:2075-5309) 2022- till date
16. Journal of the Indian Society of Remote Sensing (ISSN: 0255-660X) July, 2023- till date
17. Environmental Monitoring and Assessment (ISSN:1573-2959) December, 2023- till date
18. Ecological Informatics (ISSN: 1574-9541) February, 2024 – till date
19. Scientific Reports (ISSN: 2045-2322) August, 2024- till date
20. Discover Series (Springer) April 2025- till date
21. Scientific African (ISSN: 2468-2276) August, 2025- till date
22. Geo-informatics, Natural Hazards and Risk (ISSN: 1947-5705)- till date

Date: 05/06/2026

Suraj Kumar Mallick.

Signature

(Dr. Suraj Kumar Mallick)