




Faculty Details Proforma for DU Website



Title	Dr.	First Name	Suvamoy	Last Name	Pramanik	
Designation		Assistant Professor				
Address		C-77, C-2, Paryavarn Complex, Saket, New Delhi - 110030				
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Residence Mobile		09002761870				
Email Web-Page		suvamoy.pramanik@sbse.du.ac.in ; suvamoy.csrd.jnu@gmail.com ; https://www.researchgate.net/profile/Suvamoy-Pramanik https://scholar.google.com/citations?user=wSWtcXsAAAAJ&hl=en				
Educational Qualifications						
Degree		Institution			Year	
Ph.D.		CSR D, Jawaharlal Nehru University			2024	
M.Phil.		CSR D, Jawaharlal Nehru University			2019	
PG		Dept. of Geography & Environmental Management, Vidyasagar University			2015	
UG		Midnapore College, Vidyasagar University			2013	
NRDMS-DST Winter School on Geospatial Technologies (Level 2): Water Resource Management, 2019						
Career Profile						
<ol style="list-style-type: none"> Assistant Professor – Joined as Assistant. Professor, Dept. of Geography, Shaheed Bhagat Singh Evening College, University of Delhi from Jun 2023 to date. Senior Research Fellow – DST Funded Project under National Geospatial Programme, India, Jan 2023 – Jun 2023. Teaching Assistant – CSR D, JNU, Academic Year 2020 – 2022. Visiting Faculty – Amity Institute of Remote Sensing and GIS, Noida, Uttar Pradesh, July 2020 – Dec 2020. Guest Lecturer – Dept. of Geography & Env. Management, Vidyasagar University, West Bengal May 2016 – Jun 2016. Guest Lecturer – Dept. of Geography, Garhbeta College, Affiliated to Vidyasagar University, West Bengal Aug 2015 – Mar 2016. 						
Administrative Assignments						
<ol style="list-style-type: none"> Member: Admission Committee 2023 Member: Disciplinary Committee 2023-24 Since 1st September 2023 						
Areas of Interest / Specialization						
Climatology, Urban Geography, Regional Development & Planning, Remote Sensing & GIS, Cartography						
Subjects Taught						
Geomorphology, Climatology, Remote Sensing, GIS, Digital Cartography, Population Geography						
Research Guidance						
NA						
Publications Profile						

Research Articles:

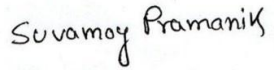
1. Dutta, R., Punia, M. and **Pramanik, S.**, 2024. Investigating Factors Influencing Groundwater in the Upper Yamuna Basin, India: A Geospatial Analysis. In *Water Resource Management in Climate Change Scenario: Innovations in Geospatial Techniques and Models* (pp. 133-152). Cham: Springer Nature Switzerland., https://doi.org/10.1007/978-3-031-61121-6_8
2. Maiti, A., Hasan, M.K., Sannigrahi, S., Bar, S., Chakraborti, S., Mahto, S.S., Chatterjee, S., **Pramanik, S.**, Pilla, F., Auerbach, J. and Sonnentag, O., 2024. Optimal rainfall threshold for monsoon rice production in India varies across space and time. *Communications Earth & Environment*, 5(1), p.302., <https://doi.org/10.1038/s43247-024-01414-7>
3. Chakraborty, Saurav, Hashem Dadashpoor, Josef Novotný, Indranil Maity, Alexander Follmann, Priyank Pravin Patel, Utpal Roy, and **Suvamoy Pramanik**. "In pursuit of sustainability–Spatio-temporal pathways of urban growth patterns in the world's largest megacities." *Cities* 131 (2022): 103919, <https://doi.org/10.1016/j.cities.2022.103919>
4. **Pramanik, S.**, Punia, M., Yu, H. and Chakraborty, S., 2022. Is dense or sprawl growth more prone to heat-related health risks? Spatial regression-based study in Delhi, India. *Sustainable Cities and Society*, 81, p.103808, <https://doi.org/10.1016/j.scs.2022.103808>
5. Chakraborty, S., Novotný, J., Das, J., Bardhan, A., Roy, S., Mondal, S., ... & **Pramanik, S.** (2022). Geography matters for sanitation! Spatial heterogeneity of the district-level correlates of open defecation in India. *Singapore Journal of Tropical Geography*, 43(1), 62-84.
6. Chakraborty, S., **Pramanik, S.**, Follmann, A., Giri, B., Mondal, B., Patel, P.P., Maity, I., Das, J., Punia, M. and Sahana, M., 2021. Dominant urban form and its relation to nighttime land surface temperature in the rapidly urbanizing National Capital Region of India. *Urban Climate*, 40, p.101002, <https://doi.org/10.1016/j.uclim.2021.101002>
7. Maiti, A., Zhang, Q., Sannigrahi, S., **Pramanik, S.**, Chakraborti, S., Cerda, A. and Pilla, F., 2021. Exploring spatiotemporal effects of the driving factors on COVID-19 incidences in the contiguous United States. *Sustainable cities and society*, 68, p.102784, <https://doi.org/10.1016/j.scs.2021.102784>
8. Chakraborti, S., Maiti, A., **Pramanik, S.**, Sannigrahi, S., Pilla, F., Banerjee, A. and Das, D.N., 2021. Evaluating the plausible application of advanced machine learnings in exploring determinant factors of present pandemic: A case for continent specific COVID-19 analysis. *Science of the Total Environment*, 765, p.142723, <https://doi.org/10.1016/j.scitotenv.2020.142723>
9. **Pramanik, S.**, Butsch, C. and Punia, M., 2021. Post-liberal urban dynamics in India–The case of Gurugram, the ‘Millennium City’. *Remote Sensing Applications: Society and Environment*, 22, p.100504, <https://doi.org/10.1016/j.rsase.2021.100504>
10. Chakraborty, S., Maity, I., Patel, P.P., Dadashpoor, H., **Pramanik, S.**, Follmann, A., Novotný, J. and Roy, U., 2021. Spatio-temporal patterns of urbanization in the Kolkata Urban Agglomeration: A dynamic spatial territory-based approach. *Sustainable Cities and Society*, 67, p.102715, <https://doi.org/10.1016/j.scs.2021.102715>
11. **Pramanik, S.**, Areendran, G., Punia, M. and Sahoo, S., 2021. Spatio-temporal pattern of urban eco-environmental quality of Indian megacities using geo-spatial techniques. *Geocarto International*, pp.1-24, <https://doi.org/10.1080/10106049.2021.1903578>
12. **Pramanik, S.** and Punia, M., 2020. Land use/land cover change and surface urban heat island intensity: source–sink landscape-based study in Delhi, India. *Environment, Development and Sustainability*, 22(8), pp.7331-7356, <https://doi.org/10.1007/s10668-019-00515-0>
13. **Pramanik, S.** and Punia, M., 2019. Assessment of green space cooling effects in dense urban landscape: a case study of Delhi, India. *Modeling Earth Systems and Environment*, 5(3), pp.867-884, <https://doi.org/10.1007/s40808-019-00573-3>
14. Chakraborti, S., Banerjee, A., Sannigrahi, S., **Pramanik, S.**, Maiti, A. and Jha, S., 2019. Assessing the dynamic relationship among land use pattern and land surface temperature: A spatial regression approach. *Asian Geographer*, 36(2), pp.93-116, <https://doi.org/10.1080/10225706.2019.1623054>

Paper Presented in Seminar/Conference
<ol style="list-style-type: none"> 1. <i>'Impacts of Urban Morphology on Heat Related Health Risk: A Geostatistical Study in Dense Urban Landscape in Delhi, India'</i>. International Conference on 'Climate Change, Natural Disasters and Sustainable Development' February 22 – 24, 2019. XII International Geographical Union (IGU), India, Conference. 2. <i>'Land Use Land Cover Change and Surface Heat Island Intensity: A Case Study in NCT- Delhi'</i>, International Conference on Global Environmental Challenges Human Health and Sustainable Development'. January 11 – 13, 2019. Organised by Environment and Social Development Association (ESDA) Delhi. 3. <i>'Urban Development and Sustainability in Gurgaon'</i>. International Workshop on Resilient and Sustainable Cities, March 21st, 2018. Organised by the collaboration of Jawaharlal Nehru University and University of Cologne, Germany. <i>'Peripheral Urbanisation: Issues of Land in Gurgaon, India'</i>. National Seminar on 'Population, Development and Environment: Challenges Ahead for India. January 8th – 9th 2020. Organised by Department of Geography, Midnapore College

Certificate / Workshop Attended		
Description	Board	Date
1. Introduction to Population Grids and their Integration with Remote Sensing Data for Sustainable Development and Disaster Management	NASA's Applied Remote Sensing Training Program	March 30 & April 6, 2021
2. Introduction to NASA Resources for Climate Change Applications	NASA's Applied Remote Sensing Training Program	September 29th & October 6 th 2021
3. Using Google Earth Engine for Land Monitoring Applications	NASA's Applied Remote Sensing Training Program	June 16th, 23rd, & 30th 2021
4. Introduction to NASA's "Black Marble" Night Lights Data	NASA's Applied Remote Sensing Training Program	December 3rd, 2020
5. Winter School & Academic Writing Workshop	DAAD Network Remapping the Global South and Global South Study Center (GSSC).	December 9th – 19 th 2019
6. One week capacity building programme 'Issues and Challenges of Urban Sector in India',	GCRF, SHLC, University of Glasgow, Jawaharlal Nehru University, National Institute of Urban Affairs	July 8 th – 13 th 2019.
7. Statistical Computing with R	JNU, New Delhi	May 17 th – 18 th 2019
8. International Workshop cum Summer School on Delhi GIS-R: Geospatial Data and Research',	Geographic-Cities, JNU, CSH, CPR, New Delhi	April 9 th – 12 th 2019.
9. Google Earth Engine Workshop	JNU, New Delhi, India	February 23 rd 2018.

Awards	
Organisation	Year
1. UGC Senior Research Fellowship	2019
2. Ph.D. Research Exchange Fellow, University of Cologne, Germany, DAAD (German Research Exchange Service)	2017, 2018, 2019
3. UGC Junior Research Fellowship	2015
4. University Gold Medal, First Class First in PG – Geography & Env. Mang.	2017
5. University Silver Medal, First Class Second in UG – Geography	2015

Other Professional Activities

Reviewer	
Name of Journal	Publishers
Scientific African	Elsevier
Building and Environment	Elsevier
GIScience and Remote Sensing	Taylor and Francis
Geo journal	Springer
Environment, Development and Sustainability	Springer
Indian Journal of Remote Sensing	Springer
Association With Professional Bodies	
NIL	
 Signature of Faculty Member	

