

Curriculum Vitae

Dr. ASIF (*Ph. D.*)

Assistant Professor

Department of Geography, Faculty of Sciences
Jamia Millia Islamia (JMI), New Delhi-110025

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Employment Details

- ❖ Assistant Professor (Permanent) JMI: April 2017 – to date
- ❖ Assistant Professor (Contractual) JMI: 2016 – 2017
- ❖ Guest Faculty, JMI: 2015 – 2016
- ❖ Research Associate, JMI: 2011 – 2015
- ❖ Research Assistant, UGC: 2009 – 2011

Academic Credential

- ❖ B.A. (H) Geography) with First Division (AMU): 2000
- ❖ M.A. Geography with First Division (AMU): 2002
- ❖ PG Diploma in Geo-informatics (JMI): 2016
- ❖ Ph. D in Agriculture and Social Geography (AMU): 2008
- ❖ UGC-NET: 2013

Ph. D Thesis: Spatial Dimensions of Agricultural Change and Socio-Economic Development in Rohilkhand Region of U. P.

Fellowships & Awards

- Indian Council of Social Science Research (ICSSR) Research Fellowship for Doctoral Research: 2005
- Indian Council of Social Science Research for Field Survey during Ph. D Research: 2005-06

Teaching Interest

Social Geography

Cultural Geography

Geographical Thought

Environmental Management
Political Geography and Geopolitics

Research Interest

Social and cultural issues
Geography of regional politics
Environmental management
Tribal Population and Health
Population Policies and Health Related Issues
Solid Waste management
Climate Change
Application of Geospatial Techniques in Geographical Studies

Software Skills

- MS Office (Word & Excel)
- SPSS
- Stata
- ArcGIS
- ERDAS Imagine
- Arc View GIS

Research Publications

Books

1. Asif & Hemant (2023) An Introduction to the Social geography of India: Concept, Problems and Prospects. Routledge India., Taylor & Francis Group. [ISBN: 9781003378006]
2. Rahman, A., Siddiqui, L., Pathak, P. K., Bansal, T., & Asif. (2021). Sustainable Development Environmental Issues and Self Sustained Society. R.K. Books, Daryaganj, Delhi. [ISBN 978-81-951923-4-2]
3. Nasruddin & Asif (2017) Migrant Workers in Delhi Slums. Bal Vikas Prakashan Pvt. Ltd., Delhi. [ISBN: 81-7669-135-6]
4. Asif (2013) Spatial Dimensions of Agricultural & Socio-Economic Development. Lambert Academic Publishing, Germany. [ISBN978-3-659-45297-0]

Research Papers

1. Abedin, Z., Asif, Hemant (2024). On the margins: exploring barriers to health service accessibility for tribal women in India. *Human Geographies: Journal of Studies &*

2. Naikoo, M. W., Bindajam, A. A., Talukdar, S., Tayyab, M., Mallick, J., Ishtiaq, M., & Rahman, Asif. (2024). Monitoring dynamics of urban expansion using time series Landsat imageries and machine learning in Delhi NCR. *Environment, Development and Sustainability*, 1-34. Springer Nature [ISSN: 1573-2975, IF= 4.7]
3. Shahfahad, Talukdar, S., Ghose, B., Islam, A. R. M. T., Hasanuzzaman, M., Ahmed, I. A., Praveen, B., Asif., Paarcha, A., Rahman, A., & Afzal, M. (2024). Predicting long term regional drought pattern in Northeast India using advanced statistical technique and wavelet-machine learning approach. *Modeling Earth Systems and Environment*, 10(1), 1005-1026. Springer Nature [ISSN: 2363-6211, IF= 2.7]
4. Mishra, H., Asif, A., & Abedin, Z. (2023). Health Problems of Solid Waste Collectors in India: A Scoping Review. *Journal of Industrial Pollution Control* 39(3): 1-10). [ISSN 2693-5015]
5. Shahfahad, Bindajam, A. A., Naikoo, M. W., Talukdar, S., Asif, Mallick, J., & Rahman, A. (2023). Analysing diurnal temperature range and extreme temperature events over Delhi and Mumbai mega cities. *Natural Hazards*, 1-29. Springer Nature [IF=3.3]
6. Shahfahad, Naikoo, M. W., Das, T., Talukdar, S., Asgher, Md. S., Asif, & Rahman, A. (2022). Prediction of land use changes at a metropolitan city using integrated cellular automata: past and future. *Geology, Ecology, and Landscapes*, 8(3), 287–305. Taylor & Francis <https://doi.org/10.1080/24749508.2022.2132010>
7. Shahfahad, Mourya, M., Kumari, B., Tayyab, M., Paarcha, A., Asif, & Rahman, A. (2021). Indices based assessment of built-up density and urban expansion of fast growing Surat city using multi-temporal Landsat data sets. *GeoJournal*, 86, 1607-1623. Springer Nature [IF= 2.0]
8. Kumari, B., Shahfahad., Tayyab, M., Ahmed, I. A., Baig, M. R. I., Ali, M. A., Asif., Usmani, TM., & Rahman, A. (2021). Land use/land cover (LU/LC) change dynamics using indices overlay method in Gautam Buddha Nagar District-India. *GeoJournal*, 87: 2287–2305. Springer Nature [IF= 2.0]
9. Asif. (2018). Urbanization and its Impact on Health. *Online International Interdisciplinary Research Journal*, 8(1). [ISSN: 2249–9598]
10. Asif. (2018). Expansion of Urban Facilities and Amenities in Rural India: A case study of Bundelkhand Region of Uttar Pradesh and Madhya Pradesh. *Indian Council of Social Science Research (ICSSR)*.
11. Rahman, A., & Asif. (2018). Assessment and Prediction of Soil Erosion Risk using Remote Sensing and Geographical Information System (GIS) Techniques, *The GIS Special Issue: Natural resource Management and Risk Analysis*, Geography & You (G&U), 18 (8), ISSN: 234 -788-4
12. Mustaquim, M., Islam W., & Asif. (2018). Way to Immersing Cottage Industry in Ambarrpur Village of Murshidabad District: A Geographical Study. *International Journal of Management Studies (IJMS)*, 5(3(4), 154–162, EISSN: 2231-2528
13. Asif., Nasruddin., Tayyab, M. (2018). Urban Sprawl and its impact on land use changes in South Delhi: A Geo-spatial Analysis. *Urban Panorama*,17(1).
14. Nasruddin., & Asif. (2018). Women Empowerment Through Urban Local Bodies,

IJHDIS, 11(1): 75-101.

15. Nasruddin., & Asif. (2018). Women Participation in Urban Local Governance: A Case Study of Lucknow City. *Indian Journal of Development Research and Social Action*, 14(1): 113-120.
16. Hussain, A., Tayyab, M., & Asif. (2018). Indira Gandhi canal project environment and changing scenario of Western Rajasthan, *IJARD*, 3(4): 15-19.
17. Kumari, B., Shahfahad., Tayyab, M., Hang, H.T., Asif., & Rahman, A. (2017). Urban growth and mass rapid transit System: A study of Delhi Metro in Metro City of Delhi, *The Indian Geographical Journal*, 92(2): 152-167.
18. Asif., Hussain, A. (2016). Agricultural Efficiency and Productivity, *IJRDMs*, 10(1): 39-45.
19. Mustaquim, M., Asif. (2016). Regional Disparities in the Levels of Development in West Bengal: An Inter District Analysis. *Annals of the National Association of Geographers*, India, 36(1): 120-152.
20. Hussain, A., Asif. (2014). Indira Gandhi Canal: Transforming Barren Desert into Prosperous, Productive and Lush Field. *Third Concept: An International Journal of Ideas*. [ISSN: 0970-7247]
21. Hussain A, Asif (2014), Indira Gandhi Canal and sustainable development, *Third Concept An International Journal of Ideas*.
22. Asif. (2012). Spatial Patterns and Trends of Growth in Area, Production and Yield of Major Crops in Bareilly District of U.P. *AVANI Journal of Geography*, 2(1). [ISSN-2250-3447]
23. Asif. (2011). Agricultural Productivity Regions of Rohilkhand Plain Based on Standard Nutrition Unit Method, *International Journal of Business Management and Social Sciences (IJBMS)*, 1(1). [ISSN 2249 – 7463]
24. Asif (2009). Levels of Agriculture and Socio-economic Development in Rohilkhand Region of Uttar Pradesh: A Micro Level Analysis. *Annals of the National Association of Geographers*, India, 29(2): 100-111.
25. Julfikar, M., Asif. & Ali, M., (2008). Population explosion and dynamism of urbanization: A case study of West Bengal, *MAN IN INDIA-An International Journal of Anthropology*, 88: 567-584.
26. Rahman, H., Wahab, A., & Asif. (2008). Patterns of Agricultural productivity in The Ganga Yamuna Doab, *The Geographer*, 55(1): 10-2.

Chapters in Edited Books

1. Islam, M. R., Talukdar, S., Ahmed, I. A., Rihan, M., Naikoo, M. W., Asif, & Siddiqui, A. M. (2024). Assessment of Ecological Conditions on Loktak Lake After Construction of Ithai Barrage. In *Water Resource Management in Climate Change Scenario: Innovations in Geospatial Techniques and Models* (pp. 77-93), Cham: Springer Nature Switzerland. [ISBN: 978-3-031-61120-9]
2. Naikoo, M. W., Shahfahad, Talukdar, S., Das, T., Ahmad, M., Asif, & Rahman, A. (2023). Land Use Land Cover Change Modeling and Future Simulation in Mumbai City by Integrating Cellular Automata and Artificial Neural Network. In *Advancements in*

Urban Environmental Studies: Application of Geospatial Technology and Artificial Intelligence in Urban Studies (pp. 69-85). Cham: Springer International Publishing, [ISBN: 978-3-031-21587-2]

3. Asif, Mustaquim, M. and Hemant (2021), Muslims in Higher Education in India: A Geographical Analysis, Atiqur Rahman, Lubna Siddiqui, Praveen K Pathak, Taruna Bansal & Asif (ed.), Sustainable Development, Environmental Issues and Self-sustained Society, RK Books, New Delhi, pp. 184-202. [ISBN:978-81-951923-4-2]
4. Tayyab, M., Kumari, B., Shahfahad., Asif., Hang, H.T., Hameed, S.S., Rahman, A. (2021). Geo-Spatial Analysis of Health Care Service Centres for Smart Cities: A Study of South-East District, Delhi-India. In: Sharma, P. (eds) Geospatial Technology and Smart Cities. The Urban Book Series. Springer, Cham. [ISBN: 978-3-030-71945-6] https://doi.org/10.1007/978-3-030-71945-6_13
5. Singh, A.K., Nasruddin., & Asif. (2020). Communication Need Assessment for Disaster management: A Study of Uttarakhand State. In Urban Environment Issues and Challenges, 2020 (eds.) Atiqur Rahman, Shahnaz Parveen and Mary Tahir, RK Books Daryaganj, New Delhi. [ISBN: 978-93-82847-99-1]
6. Asif, Shahfahad, Tayyab M, Ahmed IA, Baig MRI, Rahman A (2020). Traffic Pollution and its Effect on the Health: A Case Study of NCT of Delhi. In Rahman A, Praveen, S Tahir M (eds.) Urban Environment, Issues and Challenges. RK Book, New Delhi. pp-340-363. [ISBN: 978-93-82847-99-1]
7. Asif. (2017). Evolution of Geography as a Discipline, Emerging Discourse in Social Science and Management, *Society for Policy Research and Empowerment* (SPRE), New Delhi Publisher. [ISBN: 978-93-85503-83-2]
8. Asif. (2013). Agriculture and Socio-Economic Development in Rohilkhand Region of Uttar Pradesh: A Temporal Analysis, *Jamia Geographical Studies*, Volume 2. [ISBN: 978-93- 7831-326-4]
9. Mustaquim, M., & Asif. (2013). Male Household Industry Workers and Levels of Socio-Economic Development in West Bengal: A Study in Geographical Perspective, *JamiaGeographical Studies*, Volume 2. [ISBN: 978-93-7831-326-4]

Paper Presented in Seminar/Conferences

1. India's leadership role at climate change negotiations: A critical review of International Solar Alliance in *International Conference on Global Climate Change: Resilient Society and Sustainable Development*, held on 28- 30th September, 2024 in the Department of Geography, Aligarh Muslim University, Aligarh – 202002.
2. Environmental Sustainability through 'Spiritual Ecological Heritage': A Case Study of the Dabla Movement of Bikaner District in *International Conference on Global Climate Change: Resilient Society and Sustainable Development*, held on 28- 30th September, 2024 in the Department of Geography, Aligarh Muslim University, Aligarh – 202002.
3. Impact of Land use/Land Cover Change on the Ground Water recharge: A Case Study of Jamia Nagar of South-East Delhi in *National Conference on Geoinformatics for Natural Resource Management* held on 7th & 8th February 2017 in Department of Geography, Jamia Millia Islamia, New Delhi - 110025
4. Spatial-temporal Variation in the Pattern of Tourist Influx in Himachal Pradesh in

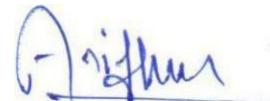
National Conference on Tourism, Environment and Development held on 26th to 28th February 2015 in the University Department of Geography, Magadh University, Bodhgaya in collaboration with The Deccan Geographical Society, India.

5. Geography: Past, Present and Future in National Seminar on *Revisiting Geography as a Sustainable Discipline* dated 20th and 21st February 2013 organized by A. M. Khwaja Chair, Department of Geography, Jamia Millia Islamia, New Delhi – 110025
6. Agricultural Productivity Regions of Rohilkhand Plain Based on Standard Nutrition Unit Method in *National Symposium on Paradigm Shift in Geography* on 28th& 29th November 2011 organized by Shri A.M. Khwaja Chair, Department of Geography, Jamia Millia Islamia, New Delhi – 110025
7. Levels of Agricultural and Socio-Economic Development in Rohilkhand Region of Uttar Pradesh in *National Conference on Population, Resource and Environment* held on 1st and 2nd March, 2011 in the Department of Geography, Aligarh Muslim University, Aligarh – 202002.
8. Impact of Landuse/Land Cover Change on the Ground Water recharge: A Case Study of Jamia Nagar of South-East Delhi in *National Conference on Geoinformatics for Natural Resource Management* held on 7th& 8th February 2017 in Department of Geography, Jamia Millia Islamia, New Delhi – 110025.
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10. Geography: Past, Present and Future in National Seminar on *Revisiting Geography as a Sustainable Discipline* dated 20th and 21st February 2013 organized by A. M. Khwaja Chair, Department of Geography, Jamia Millia Islamia, New Delhi – 110025.
11. Agricultural Productivity Regions of Rohilkhand Plain Based on Standard Nutrition Unit Method in *National Symposium on Paradigm Shift in Geography* on 28th& 29th November 2011 organized by Shri A.M. Khwaja Chair, Department of Geography, Jamia Millia Islamia, New Delhi – 110025.
12. Levels of Agricultural and Socio-Economic Development in Rohilkhand Region of Uttar Pradesh in *National Conference on Population, Resource and Environment* held on 1st and 2nd March, 2011 in the Department of Geography, Aligarh Muslim University, Aligarh -202002

Seminar/Conferences Attended

1. Emerging Social and Economic Challenges (Online) under the Aegis of UGC-DRS SAP-I Programme Organized by Department of Geography (UGC DRS-SAP-I & DST-FIST Supported) Dated November 25-26, 2020, Jamia Millia Islamia, New Delhi – 25
2. *National Seminar on Revisiting Geography as a Sustainable Discipline* dated 20th and 21st February 2013 organized by A. M. Khwaja Chair, Department of Geography, Jamia Millia Islamia, New Delhi – 110025
3. *National Symposium on Paradigm Shift in Geography* on 28th& 29th November 2011 organized by Shri A.M. Khwaja Chair, Department of Geography, Jamia Millia Islamia, New Delhi.

4. *National Conference on Population, Resource and Environment* on 1st& 2nd March 2011 organized by, Department of Geography, Aligarh Muslim University, Aligarh – 202002.
5. *National Conference on Urban and Rural Environment Management* on 2nd& 3rd March 2006 (Under UGC - DRS Programme) organized by, Department of Geography, Aligarh Muslim University, Aligarh – 202002.
6. *National Conference on Land and Water Resources: Their Use and Misuse in India* on 5th& 6th March 2005 (Under UGC - DRS Programme) organized by, Department of Geography, Aligarh Muslim University, Aligarh – 202002.



[Dr. Asif]