



CURRICULUM VITAE

Name: Dr. SHAHAB FAZAL

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Current Position: Professor,
Department of Geography,
Faculty of Science
Aligarh Muslim University, Aligarh.
INDIA

Academic Qualifications:

Graduation: Honours in Geography – University of Rajasthan, 1986. (First Division)

Post Graduation: Geography – University of Ajmer, 1988. (First Division)

M.Phil. – Aligarh Muslim University, Aligarh, 1989. (First Division)

Ph.D. – Aligarh Muslim University, Aligarh, 1993.

Post Graduate Diploma: Application of Remote Sensing and GIS Techniques in Urban and Regional Planning. – Indian Institute of Remote Sensing, Department of Space, Government of India, Dehradun, 1998.

Summer Institute in Canadian Studies: Saint Mary's University, Halifax, Nova Scotia, Canada 2003.

Ph.D. Topic: *Influence of Changing Prices on Cropping Pattern in Upper Ganga- Yamuna Doab.*

Doctoral Fellowships:

1. **Senior Research Fellowship:** Sponsored by Council of Scientific and Industrial Research (**CSIR**), New Delhi, 1991 – 1993.
2. **Junior Research Fellowship:** Sponsored by Aligarh Muslim University, 1989 – 1990.

Post Doctoral Fellowships:

1. **Shastri Faculty Research Fellowship:** Sponsored by Department of Foreign Affairs and International Trade (DFAIT) *Government of Canada*, 2003.
2. **Commonwealth Academic Staff Fellowship:** Sponsored by British Council and Commonwealth Fellowship Programme, *Great Britain*, 2004.
3. **Shastri Faculty Research Fellowship:** Sponsored by Department of Foreign Affairs and International Trade (DFAIT) *Government of Canada*, 2009.
4. **ICSSR-NWO Faculty Exchange Fellowship:** Sponsored by The Netherlands Organisation for Scientific Research (NWO), *The Netherlands*, 2011.
5. **Fulbright Environmental Leadership Fellowship:** Sponsored by United State India Educational Foundation (USIEF) *United States of America* 2013-14.

Work Experience:

1. **Senior Research Fellow (1991 – 1994)** – Department of Geography, Aligarh Muslim University, India. Sponsored by CSIR, New Delhi.
2. **Lecturer (1994 - 2003)** – Department of Geography, Aligarh Muslim University, India.
3. **Associate Professor (2003 – 2014)** – Department of Geography, Aligarh Muslim University, India.
4. **Professor (Since 2014) – Department of Geography, Aligarh Muslim University, India.**
5. **Visiting Scientist (2000) – Department** of Geography, Leipzig University, **GERMANY**. Sponsored jointly by Department of Science and Technology (**DST**), Government of India and German Academic Exchange Programme (**DAAD**).
6. **Visiting Scientist (2001) – Department** of Geography, Leipzig University, **GERMANY**. Sponsored by DST & DAAD.
7. **Faculty Research Fellow (2003)** – Department of Geography, Montreal University, **CANADA**. Sponsored by Department of Foreign Affairs and International Trade (DFAIT), Government of Canada.
8. **Commonwealth Academic Staff Fellow (2004)** – School of Earth Sciences & Geography, Kingston University, London, **United Kingdom**. Sponsored by Commonwealth Fellowship and Scholarship Program (CFSP) & British Council.
9. **Faculty Research Fellow (2009)** – Department of Geography, Montreal University, **CANADA**. Sponsored by Department of Foreign Affairs and International Trade (DFAIT), Government of Canada.
10. **Visiting Faculty (2011)** - Urban and Regional Research Centre, Department of Human Geography & Urban and Regional Planning. Faculty of Geosciences, Universiteit Utrecht, Utrecht, **The Netherlands**.
11. **Fulbright Scholar (2013-2014)** – School of Natural Sciences, University of Connecticut, Connecticut, **USA**.
12. **Visiting Professor** at Maharaja Sayajirao University of Baroda, under UGC Teacher Exchange Program 2012-13.
13. **Visiting Professor** at CAS Department of Geography, **Panjab University**, Chandigarh, under UGC Teacher Exchange Program 2016-17.

Research Projects: Seven

1. *Urban expansion and its impact on eco-system*. Sponsored by Department of Science and Technology (DST), Government of India. 2001 – 2004. (Principal Investigator)
2. *Modelling of city structure for a more effective environmental management*. Sponsored jointly by Department of Science and Technology (DST), Government of India and German Academic Exchange Programme (DAAD). 2000 – 2002. (Co-Investigator)
3. *Land Use in the Urban Fringes of Montreal (Canada)*. Sponsored by Department of Foreign Affairs and International Trade (DFAIT) Government of Canada 2003.
4. *Land Use Dynamics in the London Metropolitan Fringe*, Sponsored by Commonwealth Fellowship and Scholarship Program (CFSP) & British Council, 2004.
5. *Urbanization and Vehicular Traffic in a Developing Economy. A Case Study of Aligarh City*. Sponsored by University Grants Commission (UGC), Under Departmental Research Scheme, AMU, Aligarh. 2005.
6. *Evaluation linkages & livelihood transformation in peri-urban interface, A case study*. Sponsored by Indian Council of Social Science Research, ICSSR, 2008. (Principal Investigator)
7. *Impact of household food insecurity on human health in central India*. Sponsored by Shastri Indo Canadian Institute (SICI), 2010-11.

Subject Expert:

1. Subject Expert at National Testing Agency (NTA) Noida Since, 2017.
2. Subject Expert at Union Public Service Commission, (UPSC) New Delhi for Geography, Since, 2017.
3. Subject Expert at Rajasthan Public Service Commission, (RPPSC) Ajmer Since, 2010.
4. Subject Expert at Jammu and Kashmir SLET, Srinagar for Geography, 2017.
5. Subject Expert at Uttarakhand Public Service Commission, Haridwar for Geography, Since, 2015.
6. Subject Expert at Jharkhand Public Service Commission, Ranchi, (JPSC) Since, 2018.
7. Subject Expert at National Council of Educational Research and Training (NCERT) New Delhi.
8. Subject Expert for CSJM University Kanpur for Selection Committee for Lecturer (Selection Grade) & Reader, Since 2015.
9. Member Expert Committee for Designing and Developing Skill Enhancement Courses on Remote Sensing and GIS, IGNOU, New Delhi, 23rd February, 2016.

Academic Memberships:

1. Member of the Editorial Board for Research Journal, The National Geographical Journal of India (ISSN: 0027-9374), an International refereed journal from Banaras Hindu University (BHU).
2. Member of the Editorial Board for Research Journal Current Research Journal of Social Sciences and Humanities.
3. Member of the Editorial Board for Research Journal URBAN PLANNING - Cogitatio (Portugal); THE GEOGRAPHER - (India); PUNJAB GEOGRAPHER - (India).
4. Member Advisory Committee: UGC-DRS Program, Sri Venkateshwara University, Tirupati.
5. Member – Board of Studies, Department of Chemistry, Aligarh Muslim University. 2018-19.
6. Member – Board of Studies, Department of Geography, Allahabad. 2015-18.
7. Member – Board of Studies, Interdisciplinary Remote Sensing and GIS, Faculty of Science, Aligarh Muslim University. 2015-17

Honours:

8. **Member of the Review Committee for Canadian Studies Fellowship for Indian Scholar.** Appointed by Shastri Indo – Canadian Institute, Department of Foreign Affairs and International Trade (DFAIT), **Government Of Canada.**
9. **Referee for URBAN STUDIES** – an International Journal on issues in the field of Urban and Regional Studies, Published by Taylor and Francis publishers, **U.K.**
10. **Referee for GEOJOURNAL** – an International Journal encompassing all aspects of geography, Published by Springer publishers.
11. **Referee for Urban Affairs Review** – a leading scholarly journal on urban issues and themes, Published by SAGE.
12. **Referee for Land Use Policy** – an international and interdisciplinary journal concerned with the social, economic, political, legal, physical and planning aspects of urban and rural land use, Published by Elsevier Science Publication.
13. **Referee for Landscape and Urban Planning,**– an international and interdisciplinary concerned with conceptual, scientific, and design approaches to land use. It emphasizes ecological understanding and a multi-disciplinary approach to analysis, planning and design. Published by Elsevier Science Publication.
14. **Felicitated by Her Majesty Government of United Kingdom** at The Grand Locarno, Foreign and Commonwealth Office, King Charles Street, London (15th November, 2004).
15. **Member of the NCERT Committee for preparation of Geography Text Book for Class XII, 2006.**
16. **Subject Expert at Rajasthan Public Service Commission, Ajmer** for the Selection of Lecturer in Geography, 2010.
17. **Felicitated on the Republic Day** (26th Jan. 2010) by the Vice Chancellor, AMU for bringing laurels to the Aligarh Muslim University.
18. **Awarded "Distinguished Scientist"** award for his contribution in Land Use Studies by Centre for Advanced Research and Design, Venus International Foundation, Chennai (2015).
19. **Country Advisor** for the Development Partnerships in Higher Education (DelPHE) Proposals - British Council and DFID Sponsored Program, 2009.
20. **Visiting Professor** at Maharaja Sayajirao University of Baroda, under UGC Teacher Exchange Program 2012-13.
21. **Life Member** - National Association of Geographers in India (**NAGI**).
22. **Life Member** – Institute of Indian Geographers (**IIG**).
23. **Life Member** - Association of Punjab Geographers.
24. **Fellow Member** - Bhoo-Vigyan Vikas Foundation, New Delhi
25. **Honorary Member** – Institute of Spatial Planning and Environment Research (ISPER), Haryana 2014.
26. **Coordinator** – Workshop on Application of GIS techniques for research, Sponsored by UGC, Academic Staff College, 11-14 November, 2009.
27. **Special Lectures** – Academic Staff College and NRDMS sponsored programs at Aligarh Muslim University, Aligarh; Jamia Millia Islamia, New Delhi; MDS University, Rohtak, DDU Gorakhpur, University of Kashmir, Srinagar, J & K, Savitri Bai Phule Pune University, Maharashtra, Jawahar Lal Nehru University, New Delhi etc.
28. **External Examiner** – Acted as external examiner at Jawahar Lal Nehru University (**JNU**), Delhi School of Economics, (**DU**), Jamia Millia Islamia (**JMI**), Banaras Hindu University (**BHU**), Punjab University (**PU**), University of Kashmir, Srinagar, D.D. University, Gorakhpur, MDS University, Ajmer etc.
29. **Participated in Fulbright-Nehru Orientation Program** as Indian Scholar, Organized by United States India Education Fund (**USIEF**) at Oberoi Grand, Kolkata, 13 – 15 May 2013.
30. **Coordinator** – Summer School on **Application of Remote Sensing and GIS in Natural Resource Management**, Sponsored by NRDMS, Department of Science and Technology (DST), Government of India, New Delhi, **24th July, 2015 – 14th August, 2015.**
31. **Subject Expert for CSJM University Kanpur** for Selection Committee for Lecturer (Selection Grade) & Reader, December, 2015.
32. **Subject Expert at Uttarakhand Public Service Commission, Haridwar, 2016.**

33. **Member Expert Committee** for Designing and Developing Skill Enhancement Courses on Remote Sensing and GIS, **IGNOU, New Delhi, 23rd February, 2016.**
34. **Coordinator** – Winter School on **Application of Remote Sensing and GIS in Natural Resource Management**, Sponsored by NRDMS, Department of Science and Technology (DST), Government of India, New Delhi, **5th January, — 25th January, 2017.**
35. **Visiting Professor** at CAS Department of Geography, **Panjab University**, Chandigarh, under UGC Teacher Exchange Program 2016-17.
36. **Subject Expert at Rajasthan Public Service Commission, Ajmer** for the Selection of Lecturer in Geography, 2018.
37. **Coordinator** – **GIAN Course (Course ID-174025N01)** on Rural Development Challenges in Transforming Global and Regional Economies, Sponsored by MHRD, Government of India, **29th January – 5th February, 2018.**
38. **Member Advisory Committee:** UGC-DRS Program, **Sri Venketeshwara University, Tirupati.**

Academic Program Coordinated:

1. **GIAN Course (Course ID-174025N01)** on Rural Development Challenges in Transforming Global and Regional Economies, Sponsored by MHRD, Government of India, **29th January – 5th February, 2018.**
2. **Subject Refresher Course on Disaster Management**, Sponsored by UGC, Human Resource Development Centre, 30th January To 12th February, 2020.
3. **Subject Refresher Course on Disaster Management**, Sponsored by UGC, Human Resource Development Centre, 3rd December To 24th December 2014.
4. **Subject Refresher Course on Disaster Management**, Sponsored by UGC, Human Resource Development Centre, **19 March 2014 and 7 April 2014.**
5. **Winter School on Disaster Management**, Sponsored by UGC, Human Resource Development Centre, 18th November To 8th December 2015.
6. **Workshop on Application of GIS techniques** for research, Sponsored by UGC, Academic Staff College, 11-14 November, 2009.
7. **Winter School on Application of Remote Sensing and GIS in Natural Resource Management**, Sponsored by NRDMS, Department of Science and Technology (DST), Government of India, New Delhi, **5th January, — 25th January, 2017.**
8. **Summer School on Application of Remote Sensing and GIS in Natural Resource Management**, Sponsored by NRDMS, Department of Science and Technology (DST), Government of India, New Delhi, **24th July, 2015 — 14th August, 2015.**

Administrative Assignments

1. **Deputy Director** – Directorate of School Education, Aligarh Muslim University.
2. Member – **Academic Programmes Committee**, Aligarh Muslim University.
3. Member – **Alumni Affairs Committee**, Aligarh Muslim University.
4. Member – **Board of Studies**, Department of Chemistry, Aligarh Muslim University. 2018-19.
5. Member – **Board of Studies**, Department of Geography, Allahabad. 2015-18.
6. Member – **Board of Studies**, Interdisciplinary Remote Sensing and GIS, Faculty of Science, Aligarh Muslim University. 2015-17
7. Member – Aligarh Muslim University **GIAN Coordinating Committee**. 2016-17
8. Member – **University Ranking and Academic Progression Committee**, Aligarh Muslim University. 2015-17
9. Course Coordinator – Under Graduate Courses, Department of Geography, Aligarh Muslim University. 2015-17
10. Co-Coordinator – Department of Space and Technology for Resource Management, Aligarh Muslim University.
11. **Observer B. Tech / MBBS Admission tests** in Bhopal, Kolkata, Guwahati and Patna since 2010.

Research Guidance

Post Doctoral Fellows:

1. *Dr. Arshad Amin* – Sponsored by **Indian Council of Social Science Research, ICSSR**, 2014-2018.
2. *Dr. Nasrin Banu* - Sponsored by **University Grants Commission (UGC)**, 2015–2018.
3. *Dr. Salma Sultana* - Sponsored by **Indian Council of Social Science Research, ICSSR**, 2019-2021.

Doctoral Fellows:

1. *Mr. Arshad Amin* – PhD Awarded 2012
2. *Ms. Nasrin Banu* - (**UGC - NET**), PhD Awarded 2014.
3. *Mr. Azharuddin S K* (**UGC - NET**), PhD Awarded 2019.
4. *Mr. Akhtarul Hoque* (**UGC - JRF**), PhD Submitted 2019.
5. *Ms. Salma Sultana* (**UGC - NET**), PhD Awarded 2019.

Research Publications

Books – Fourteen

1. *Agricultural Production and Price Mechanism*, Chugh Publications, Allahbad (1998)
2. *Agriculture and Rural Development*, B. R. Publishers, New Delhi. (1998). Co-author. **ISBN 8170189608**
3. *A Dictionary of GIS Terminology*, New Age International Publishers, New Delhi. (2007). **ISBN 8122420877**
4. *Urban Environmental Management*, B. R. Publishers, New Delhi. (2007). Co-author. **ISBN 8176466263**
5. *Rural Environmental Management*, B. R. Publishers, New Delhi. (2007). Co-author. **ISBN 8176466255**
6. *GIS Basics*, New Age International Publishers, New Delhi (2008). **ISBN 978 8122423761**
7. *Remote Sensing Basics*, Kalyani Publishers, New Delhi. (2009). **ISBN 978 8127249892**
8. *Land Use Dynamics in the London Metropolitan Fringe* Lambert Academic Publishing Germany (2010) **ISBN 9783838381350**
9. *Ills of Urbanization in Developing Economy*. Lambert Academic Publishing Germany (2010) **ISBN 9783838399720**
10. *Agricultural Dynamics In The Montreal Metropolitan Fringe*. VDM Verlag Dr. Müller Publishers, Mauritius. (2010) **ISBN 978-3-639-28848-3**
11. *Land Use Dynamics in a Developing Economy. Regional Perspectives from India*. (2013) Springer Publishers. The Netherlands **ISBN 978-94-007-5254-2**
12. *Peri – Urban Livelihoods: Opportunities and Challenges*. (2014) Concept Publication Pvt. Ltd. **ISBN No. 978-81-8069-973-3**
13. *Livelihood and Wellbeing in the Urban Fringe*. (2016) Springer International Publishers, Switzerland. **ISBN 978-3-319-39659-0**
14. *Global Positioning Systems : Concept, Technique and Application*. (2016) New Age International Publishers, New Delhi . **ISBN 978 81-224-4065-2**

Chapters in Volume –

1. **Non – Spatial Data Structure** as Course Material in Fundamentals of Geographic Information System for PG Certificate Program in Geoinformatics, Indra Gandhi National Open University (IGNOU), 2011. **ISBN 978-81-266-6318-7**
2. **Spatial Information Technology** for Practical Work in Geography Part II NCERT, 2007. **ISBN 81-7450-702-7**

Research Articles --

Scopus Author ID – 6603571815

<https://scholar.google.co.in/citations?user=5XL6rawAAAAJ>

International Publications:

1. *Land-use change in the 'edgelands': Policies and pressures in London's rural–urban fringe.* **Land Use Policy**, Elsevier Science Publication, Vol. 28, No.1 **United Kingdom**. 2011, pp 266-279.
Impact Factor: 2.536 Digital Object Identifier: 10.1016/j.landusepol.2010.06.007
2. *A pragmatic assessment of livelihood status in the peri-urban interface: a case from developing India.* **Asian Geographer**, Volume 34, 2017 - Issue 1, Routledge Publication, **Hong Kong**, 2017, pp 1-24.
Digital Object Identifier: 10.1080/10225706.2017.1296366
3. *Land-use dynamics and its determinants in India.* In Ed. S Dara, et.al, **Climate Change Issues and Perspectives of South Asia**, Kamala Publications, Dhaka, Bangladesh, 2020. pp 183–204.
4. *The Need For Preserving Our Farm Lands. A Case Study from a Predominantly Agrarian Economy.* **Landscape and Urban Planning**, Vol 55, No.1, Elsevier Science Publication, **United Kingdom**. 2001. pp1-13.
Impact Factor: 3.101 Digital Object Identifier: 0169-2046(00)00134-1
5. *Addressing congestion and transport-related air pollution in Saharanpur, India.* **Environment and Urbanization, IIED**, Vol.18. No.2, London. 2006. pp 141-154.
Impact Factor: 1.667 Digital Object Identifier: 10.1177/0956247806063970
6. *Boatmen and Status of Dal Lake and Its Environs: A Tale of Srinagar.* **Environment and Urbanization Asia, SAGE**, 2013, 4(1) 73–92.
Digital Object Identifier: 10.1177/0975425313477727
7. *Status of Dairying Activity in Urban Fringe: A Regional Perspective from India.* **Asian Profile**, Vol. 41. No.3. **Canada** 2013. pp 295 – 304.
8. *Impact of Urban Land Transformation on Water Bodies in Srinagar City, India.* **Journal of Environmental Protection**, Scientific Research Publishing, Inc., USA. 2011, 2, pp 115-212.
Impact Factor: 0.44 Digital Object Identifier: 10.4236/jep.2011.22016
9. *Monitoring Urban Sprawl Using Remote Sensing and GIS Techniques of a Fast Growing Urban Centre, India.* **IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING**. VOL. 4, NO. 1, March 2011. pp 56–64.
Impact Factor: 1.489 Digital Object Identifier: 10.1109/JSTARS.2010.2084072
10. *Quantification of Land Transformation Using Remote Sensing and GIS Techniques.* **American Journal of Geographic Information System**, Scientific and Academic Publishing, 1(2): 2012, pp 17-28.
Digital Object Identifier: 10.5923/j.ajgis.20120102.01
11. *Land Transformation Analysis Using Remote Sensing and GIS Techniques (A Case Study)* **Journal of Geographic Information System**. Scientific Research Publishing, Inc., USA. Volume 4, June, 2012 pp 229 – 236.
Impact Factor: 0.57 Digital Object Identifier: 10.4236/jgis.2012.43027
12. *Expanding Cities, Contested Land: Role of Actors in the Context of Peri-Urban Interface.* **Current Urban Studies** Scientific Research Publishing, Inc., USA. Volume 3, September, 2015 pp 187–198.
Impact Factor: 0.29 Digital Object Identifier: 10.4236/cus.2015.33016
13. *Dynamics of Land Reorganization in and around Urban Areas of India, A Case Study.* **International Journal of Environment, Ecology, Family and Urban Studies (JEEFUS)** , Trans Stellar Publications. Vol. 6, Issue 1, Feb 2016, pp 71-82.

14. *Urban Expansion and Loss of Agricultural Land. A GIS Based Study of Saharanpur City, India.* **Environment and Urbanization**, Vol.12. No.2, IIED, London, 2000. pp 133- 149.
Impact Factor: 1.667 Digital Object Identifier: 10.1177/095624780001200211
15. *Urbanization and Quality of Urban Environment Using Remote Sensing and GIS Techniques in East Delhi-India.* **Journal of Geographic Information System**. Scientific Research Publishing, Inc., USA. Volume 3, Number 1, January, 2011 pp 62 – 84.
Impact Factor: 0.57 Digital Object Identifier: 10.436/jgis.2011.31005
16. *Interpretation of Trends in Land Transformations—A Case of Green Heart Region (The Netherlands).* **Natural Resources**, Scientific Research Publishing, Inc., USA. 2012, Vol. 3, pp 107-115.
Impact Factor: 0.44 Digital Object Identifier: 10.4236/nr.2012.33015
17. *Urban Expansion: A Threat to crop Land. A GIS based Study of Aligarh City, INDIA.* In Ed. J. Livingstone, **Trends in Agriculture and Soil Pollution Research**, Nova Science Publications, New York, USA. 2005. pp 191 – 204.
18. *Farmers Adaptation to Urban Forces: Dynamics in the Urban Fringe of a Growing Urban Centre in India* In Edited Volume by Christopher R. Bryant, Edward Makhanya and Thora Martina Herrmann, **THE SUSTAINABILITY OF RURAL SYSTEMS IN DEVELOPING COUNTRIES**. Laboratoire de Développement durable et dynamique territoriale, Université de Montréal, Canada. 2008, pp 71 - 84.
Digital Object Identifier: HC59.72.E5S97 2008
19. *Land Reorganization Study Along Major Roads.* **Land Use Policy**, Elsevier Science Publication, Vol. 18, No.2. **United Kingdom**.2001. pp 191-199.
Impact Factor: 2.536 Digital Object Identifier: S 0 2 6 4 - 8 3 7 7 (0 1) 0000 7 – 2
20. *Hanjis Activities and Its Impact on Dal Lake and Its Environs (A Case Study of Srinagar City, India).* **Research Journal of Environmental and Earth Sciences**, Maxwell Scientific Organization, Vol. 4 No. 5 2012. pp - 511-524.
21. *Income, Environment and Health, A Household Level Study of Aligarh City, India.* **Habitat International**, Sheffield, **United Kingdom**, Vol.20, No.1, 1995. pp.77-91. Co-author.
Impact Factor: 1.534 Digital Object Identifier: 0197-3975(95)00035-6
22. *The Role of Accessibility in Land Transformation: A GIS Based Study of a Growing Urban Centre in a Developing Economy.* **Asian Profile**, Vol. 32. No.1. **Canada** 2004. pp 61 – 76.
23. *Urbanization and Vehicular Traffic in a Developing Economy. A Case Study of Growing Urban Center.* **Asian Profile**, Vol. 32. No.1. **Canada** 2006. pp 61 – 76.
24. *Application of Remote Sensing and GIS Techniques in Urban Sprawl and Land Use Mapping. A Case Study of A Growing Urban Centre in India.* **Asian Profile**, Vol. 29. No.1. **Canada**.2001. pp 45- 62.
25. *Factors Deciding Farmer's Choice of Crops.* **Asian Profile, Canada**, Vol.22, No.5, 1994. pp.413-426.

National Publications:

1. *Some insight into the language census of India,* **The Geographer**, Vol. 66, No. 1. Aligarh. 2019, pp 31 – 45.
2. *Livelihood transformations and its impact on the living standard in the urban fringe: A regional perspective from India.* **Annals of the National Association of Geographers, India**, Vol. XXXVI, No. 2, December 2016. pp 101-122..
3. *Land Transformation and Redevelopment Plan in CBD (A GIS based Study of Lal Chowk, J&K, India).* **Journal of Remote Sensing & GIS**, Vol.7, No. 2, 2016 pp 16-26.

4. *Economic transformations and development in quality of life in the urban fringe: A regional perspective from North India*, in B. Thakur, H.S. Sharma, S. Misra, S. Chattopadhyay and S. Singh (eds) *Regional Development: Theory and Practice*, Professor R.P. Misra Felicitation Volume, Vol. 3: *Development Patterns and Structures*, ISBN: 978-93-512-2202-3, New Delhi: Concept Publications Company, 2017, pp. 381-399.
5. *Land Use Dynamics in Urbanizing India: Some Observations*. In Negi, V., Pandey, B. And Kumaria, P. (eds) *Whither Sustainable Development*, Research India Press, New Delhi, 2017, pp 32-47.
6. *Development of Infrastructural Facilities in Public Sector on the Urban Fringe of Aligarh* **Journal of Infrastructure Development**, SAGE Vol.5, No. 2, 2013 pp151-168.

Digital Object Identifier: [10.1177/0974930614527946](https://doi.org/10.1177/0974930614527946)

7. *Evaluating intra city livability status. A case study using GIS techniques*. **Annals of the National Association of Geographers, India**, Vol. XXVIII, No. 2, December 2008. pp 18-31.
8. *Transforming Land*. **Span** (The US Embassy Magazine), May/June 2016. <http://span.state.gov/science-technology/transforming-land/20160508>.
9. *Agricultural transformations in the peri-urban interface of a developing economy: A case study*. **Man & Development**, Volume XXXVI, No. 2 June 2014, pp 31-48.
10. *Land Transformation: An Outcome of Actor's Role in Srinagar Local Area*. **Global Advanced Research Journal of Geography and Regional Planning** Vol. 2(5) pp. 097-110, August, 2013.
11. *Assessment of Forest Fragmentation in District Shopian Using Multi-temporal Land Cover (A GIS Approach)*. **Journal of Geosciences and Geomatics**, Vol. 5, No. 1, 2017, PP 12-23.
12. *Land Transformation and Redevelopment Plan in CBD , (A GIS based Study of Lal Chowk, J&K, India)*. **Journal of Remote Sensing & GIS**, Volume 7, Issue 2, 2016 pp16-26.
13. *Dynamics of land reorganization in and around urban areas of India, A case study*. **INTERNATIONAL JOURNAL OF ENVIRONMENT, ECOLOGY, FAMILY AND URBAN STUDIES**, Trans Stellar Publication, Vol. 6, Issue 1, 2016, pp. 71-82
14. *Open space preservation – Approaches and Practices: A case study of Green Heart Region (Netherlands)*, **The Geographer**, Vol. 59, No. 2. Aligarh. 2012, pp 28 – 38.
15. *Developments at the rurban fringe: impact on agriculture and rural land*. **Indian Journal of Regional Sciences**, Kolkata. Vol. XXXXIII, No. 2, 2011, pp. 96 - 109.
16. *Effects of Land Transformation on Water Quality of Dal Lake, Srinagar, India*. **Journal of Indian Society of Remote Sensing**, Springer Publications. (2013),

Digital Object Identifier: [10.1007/s12524-013-0297-9](https://doi.org/10.1007/s12524-013-0297-9)

17. *Assessment of Land use/land cover Change in the North-West District of Delhi Using Remote Sensing and GIS Techniques*. **Journal of Indian Society of Remote Sensing**, Springer Publications. Volume 40, Issue 4 (2012), pp 689-697.

Digital Object Identifier: [10.1007/s12524-011-0165-4](https://doi.org/10.1007/s12524-011-0165-4)

18. *Urban fringe modelling for future residential demands: A case study*. **The Geographer**, Vol. 56, No. 1. Aligarh. 2009, pp 51 -63.
19. *Suburban Land Conversion and its Impact on Agricultural Land: A GIS Based Study from a Predominantly Agrarian Economy, India*. **Annals of the National Association of Geographers, India**, Vol. XXII, No. 1, June 2002. pp 14 – 30. Co-author
20. *Urban Land Transformation in Relation to Distance, A Case Study*. In Ed. R.B.Singh, **Sustainable Urban Development**, Concept Publishing Company, New Delhi, 2006. pp 187 – 204.
21. *Land use issues in a growing urban centre in India. A case study using remote sensing and GIS techniques*. *Proceedings of the National Conference on Environmental Planning and Conservation*. 2007, pp. 53-69.
22. *Impact of urbanization on landuse in suburban areas of a developing economy: A case study*. **Indian Journal of Regional Sciences**, Kolkata. Vol. XXXI, No. 1, 2009, pp. 48 - 60.

23. *Planning for future residential developments in a growing urban centre, A case study.* **Development Concerns in 21st century.** Edited Volume, Sudesh Nangia et.al. Concept Publishing Company, New Delhi. 2010.
24. *Modelling Urban Expansion for Protecting Cropland, A Case Study Using GIS Technique.* **Indian Journal of Landscape Systems and Ecological Studies**, Vol. 32, No. 1, June 2009. pp 227 - 236.
25. *Rural Environmental Management: Need of the Hour.* **Rural Environmental Management**, B. R. Publishers, New Delhi. 2007. pp 1 - 24.
26. *Urban environmental management: An agenda.* **Urban Environmental Management**, B. R. Publishers, New Delhi. 2007. pp 1 - 29.
27. *Impact of urbanization on landuse in suburban areas of a developing economy: A case study. .* **Indian Journal of Regional Sciences**, Kolkata. Vol. XXXXI, No. 1, 2009, pp. 48 - 60.
28. *Land Transformation in Relation to Distance in Developing Economy.* In Ed. A.L.Singh, **Land and Water Resource**, B. R. Publishers, New Delhi. 2005. pp 398 – 424.
29. *Land use dynamics in the London Metropolitan fringe. A case study.* **The Geographer**, Vol. 51, No. 2. Aligarh. 2004, pp 60 - 71.
30. *Urban Sprawl Mapping Using Remote Sensing and GIS Techniques. A Case Study Of Aligarh City, INDIA.* **The Geographer**, Vol. 49, No.2. pp 398 – 424 Co-author
31. *Dynamics of Urban Land Transformation in Developing Economy.* **Indian Journal of Regional Sciences**, Kolkata, Vol. XXXIII, No.1, 2001. pp 98 -111.
32. *Status of Women in Rural India, Some Preliminary Observations.* **Man In India**, Ranchi, Vol 81, No. 3&4, 2001. pp 353 – 362.
33. *The Impact of Price on Area Under Crops in Upper Ganga - Yamuna Doab.* **Commercial Activities and Development in the Ganga Basin** ed. by V.K. Srivastava, Concept Publishing Company, New Delhi 1999.
34. *Employment of Labourers In and Out-side the Villages of India.* **Indian Journal of Regional Sciences**, Indian Institute of Technology, Kharagpur, Vol.28, No.1, 1996. pp.13-26. Co-author
35. *Farmers Response to Economic Variables and its Impact on the Cropping pattern in Upper Ganga - Yamuna Doab.* **National Geographical Journal Of India**, Vol.42, Varanasi, 1996. Co-author
36. *Factors Accounting for Changes in Area Under Selected Crops in Muzaffarnagar District.* **The Geographer**, Aligarh, Vol.42, No.1, 1995. pp.9-17. Co-author
37. *The Role of Landless Labourers in the Agricultural Economy of Aligarh District.* **National Geographer**, Allahabad, Vol.XXX, No.2, 1995. pp.25 – 35. Co-author
38. *Marketing of Agricultural Produce by the Sampled Farmers in Upper Ganga Yamuna Doab.* **The Geographer**, Aligarh, Vol.41, No.2, 1994. pp.1 – 12. Co-author
39. *The Need for the Appraisal of Small Farmers.* **Indian Journal of Regional Sciences**, Indian Institute of Technology, Kharagpur, Vol.XXVI, No.2, 1994. pp.15-22. Co-author
40. *Farmers Decision Making Process in Traditional versus Commercial Farming: A Case Study of Upper Ganga Yamuna Doab.* **The Geographer**, Aligarh, Vol.XI, No.2, 1993. pp.9-20. Co-author
41. *Changes in Cropping Pattern due to Variations in Prices in Upper Ganga Yamuna Doab.* **The Geographer**, Aligarh, Vol. XXXIX, No.1, 1992. pp.16-32. Co-author
42. *Impact of Price Movement on Area under Sugarcane in Saharanpur District.* **National Geographer**, Allahabad, Vol. XXV, No.1, 1990. pp.75-80. Co-author

Lectures Delivered Abroad:

1. **Germany – 2000**, 'UFZ Centre for Environmental Research, Department of Urban Landscapes, Leipzig', "**Urban expansion and loss of agricultural land, A case study**".
2. **Canada – 2003**, 'Summer Institute in Canadian Studies, Saint Mary's University, Halifax, Nova Scotia', "**State of Indian agriculture: problems and Prospects**".
3. **Canada – 2003**, 'Faculte des arts et des sciences, Department de Geographie, Universite de Montreal, Montreal', "**Land use dynamics in urban fringe, A case study of a growing urban centre in India**".
4. **Great Britain – 2004**, 'School of Earth Sciences and Geography, Kingston University, London', "**Application of Remote Sensing and GIS Techniques in Urban Sprawl and Land Use Mapping**".
5. **United States of America – 2014**, NRE Special Seminar at Natural Resource and Environment, University of Connecticut, USA, "**Urban Expansion: Issues and Challenges. A Regional Perspective from India**".

Paper Presented in Conferences:

International Conferences:

1. **Sweden – 2001**, "*The urgency of marginal land utilization for future urban expansion. An example from a developing country (India)*", at **IGU Commission on Evolving Issues of Geographical Marginality**, Stockholm, 25 – 28 June 2001.
2. **Germany – 2000**, "*The Role of Accessibility in Land Transformation: A GIS Based Study of a Growing Urban Centre in a Developing Economy*", at **URBAN 21**, The Global Conference on the Urban Future, Berlin, 4 – 6 July 2000.
3. **India – 2002**, "*Suburban Land Conversion and its Impact on Agricultural Land: A GIS Based Study from a Predominantly Agrarian Economy*", at **2nd International Conference on Sustainable Agriculture**, New Delhi, 18 – 20 December 2002.
4. **United Kingdom – 2004**, "*Land use dynamics in suburban area of a developing economy. A case study*", at **30th Congress of the International Geographical Union**, Glasgow, 15 – 20 August 2004.
5. **India – 2008**, '*Landuse-land cover change in India*' at International Seminar on **Landuse Change and Agro Biodiversity**, National PG College, Lucknow, 7-8 March 2008.
6. **India – 2011**, '*The actors and their role in peri urban interface land transformation. A case study.*' At International Seminar on **Technology, Energy and Sustainable Rural Environment**, Department of Geography, Banaras Hindu University, Varanasi, 23-24-25 February, 2011.
7. **Belgium – 2011**, **GIS-education in a changing academic environment**, Katholieke Universiteit, Leuven, 18th November, 2011.
8. "*Urban Expansion and Its Impact on Cropland*" At 3rd International Seminar on **Man is part of Nature: Heuristics and Political Ecology**, Organized By: Institute for Spatial Planning and Environment Research (ISPER), Panchkula, 16-18 November 2012.
9. *Expanding Cities, Contested Land: Role of Actors in the Context of Peri-Urban Interface*, at the International Conference on **Disasters, Natural Resource Management and Socio-Economic Development**, Organized by Department of Geography, Kurukshetra University, Kurukshetra. 4–5 October, 2013.
10. *Harji's – The Boatmen and Status of Dal Lake and It's Environs*, at the International Conference on **Change in Cryosphere, Its Impact on Eco-System Services and Rural Livelihood**, Organized by Bhadarwah Campus, University of Jammu, 13–14 October, 2014.

11. *Urban Expansion and Agricultural Land Fragmentation, A Case Study Using Geo-Spatial Techniques*, at the 8th International Geographical Union (IGU) Conference on **Landuse, Water, Climate and Urban Health in Changing Urban Environments**, Organized by SNTD Women's University, Pune, 4–6, November, 2015.
12. *Urban Expansions: Is Sustainability a Real Concern* at the International Seminar on Pathways to Sustainable Urbanisation organized by **Transdisciplinary Research Cluster on Sustainability Studies (TRCSS)**, Jawaharlal Nehru University (JNU), New Delhi, 28 – 29, January 2016.
13. *Climate change and land use land cover change, some insights. At 9th International Geographical Union (IGU) Conference on Land use change, climate change and Disaster Risk Reduction*, University of Delhi, New Delhi, 18-20 March, 2016.
14. Plenary lecture on Land use dynamics and ecological implications at International Conference on **Challenges in Human Geography**, Maharashtra Bhugol Parishad, Dhule, Maharashtra, 21-22 January, 2019.
15. Plenary lecture on Land use dynamics in India: Some observations at XIV IGU INDIA, International Conference on **Agriculture, Food, Water and Biodiversity in changing climate**, University of Burdwan, West Bengal, 6-8 March, 2020.

National Conferences:

1. *Impact of Price Movement on Area under Sugarcane in Saharanpur District. At 11th Indian Geography Congress, NAGI*, Department of Geography, Delhi School of Economics, University of Delhi, New Delhi. 3-5 October, 1989.
2. *Status of Women in Rural India. At 18th Indian Geography Congress, NAGI*, Department of Geography, North Eastern Hill University (NEHU), Shillong, 29-31 October, 1996.
3. *Role of Accessibility in Land Transformation: A GIS Based Study of a Growing Urban Centre . at The National Conference on Environmental Degradation and Sustainable Development, S.D. Government College, Beawar, 9-11 November 2005.*
4. *Application of Remote Sensing and GIS Techniques in Urban Sprawl and Land Use Mapping. A Case Study of A Growing Urban Centre in India. At National Seminar on Spatial Information System for Natural Resource Management*, Department of Geography, Delhi School of Economics, University of Delhi, New Delhi. 21-23 February, 2003.
5. *Urban expansion and it's impact on eco-system. At DST Group Monitoring Workshop*, National Institute of Oceanography, Dauna Paula, Goa, 11-12 January, 2003.
6. *Land Transformation in Relation to Distance in Developing Economy. At 27th Indian Geography Congress, NAGI*, Department of Geography, Bangalore University, Bangalore, 2-4 December, 2005.
7. *Application of Remote Sensing and GIS Techniques for Modelling Sustainable Urban Development. At National Seminar on Economic Development, Climatic Change and The Environment*, Department of Geography, D G College, Kanpur, 13 December, 2007.
8. *Dynamics of Urban Land Transformation in Developing Economy. At The National Seminar on Managing our natural resources with a focus on land and water*, Department of Geography, Allahabad University, Allahabad, 16-18 November, 2006.
9. *Urbanization a Threat to Agricultural Sector: A Myth or Reality. At National Seminar on Population, Environment and Development in North Western India*, Department of Geography, Punjab University, Chandigarh, 1-2 February, 2007.
10. *Suburban Land Conversion and its Impact on Agricultural Land: A GIS Based Study. at The National Conference on Environmental Management and Conservation, Government College, Ajmer, 22-23 December 2006.*

11. *Modelling for Sustainable Urban Expansion. At National Seminar on Problems and Management of Rural Urban Fringe*, GIRI Institute of Development Studies, Lucknow, 17-18 November, 2009.
12. *Urban Expansion and Loss of Agricultural Land – A threat or Myth. At National Seminar on Land Use Planning for Agricultural Development and Establishment of Agro-Economic Zones: Strategies for India with special reference to Uttar Pradesh*. Indian Institute of Management (IIM), Lucknow, 11-12 December, 2009.
13. *Issues of urban land transformation,. A Geographical Analysis.” At 32nd Indian Geography Congress, NAGI*, Department of Geography, Punjab University, Chandigarh, 19-20-21 November, 2010.
14. *The actors and their role in urban land transformation. A case study.” At 32nd Indian Geographers Meet, IIG*, Department of Geography, Rajasthan University, Jaipur, 17-18-19 January, 2011.
15. *“The Transformations in Agricultural Activity. A Case of Peri-Urban Interface”*. At National Seminar on “North West India: Issues in Sustainability”, Department of Geography, Panjab University, Chandigarh, 23-24 February 2012.
16. *“Transformations at the urban margins and beyond: case study of a contested zone”* at the National Seminar on **Revisiting Geography as a Sustainable Discipline**, Jamia Millia Islamia, New Delhi, 20-21 February, 2013.
17. *The Changing Face of Agriculture in the Urban Fringe, A Case Study, at the National Seminar on Sustainable Development of Rural India by 2022*, NITTTR, Chandigarh, 7th – 8th March, 2013.
18. *Expanding Cities, Contested Land: Role of Actors in the Context of Peri-Urban Interface. at the National Seminar on Immortal Cities: Past and Future Concepts, Changing Morphology and Sustainability* Organized By: Institute for Spatial Planning and Environment Research (ISPER), Panchkula, April 23 - 24, 2014.
19. *Dissemination Workshop on Census 2011*, at Department of Statistics and Operational Research, Aligarh Muslim University, Aligarh, 19th November, 2014.
20. *Urban Expansion and Its Impact on Agricultural Land Fragmentation, at the 36th Indian Geography Congress, NAGI*, Department of Geography, University of Rajasthan, Jaipur, 17-18-19 November, 2014.
21. *Margins of Land, Health-Care and Livelihoods*, at Centre for Study of Regional Development **CSRD**, Jawahar Lal Nehru University, New Delhi, 20-21 December 2014.
22. *Agricultural Geography – A Step Forward, at the National Symposium on “Re-Orienting Teaching and Research in Geography at The University Level, Organized by Savitri Bai Phule Pune University*, Maharashtra, 26-27-28 December 2014.
23. *Dal Lake and Status of Harji’s Livelihood, at the 16th APG National Conference on Changing Mountain Environment, Resource Utilization and Sustainable Livelihood, Organized by Department of Geography, University of Jammu, Jammu and Kashmir, 28-29 September, 2015*.
24. *Resources, Environment and Development: A Case Study at the 37th Indian Geography Congress, NAGI*, Department of Geography, University of Jammu, Jammu and Kashmir, 2-4 Decemberr, 2015.
25. *Urban Expansion: Is Sustainability a Real Concern? A case study using Geo-Spatial Technique at The International Conference on Pathways to Sustainable Urbanization*, Jawaharlal Nehru University, New Delhi, January 29–30, 2016.
26. *Land Use Dynamics in Bundelkhand Region. At Brain Storming Session on An integrated study for exploration of the natural resources to the advancement and growth of under privileged region of Bundelkhand, Bundelkhand University, Jhansi, 10-11 March, 2016*
27. *Geo-spatial Technology Education – Issues and Challenges at the National Workshop on Strengthening Capacity Building in Geospatial Education, Institute of Environment Education and Research, Bharti Vidyapeeth, Pune, 22-23 August 2016*.

28. *Land use and climate change: agriculture, forestry and water resources. At National Conference on **Adaptation and implementation of Paris Agreement: National initiatives towards climate change mission.*** University of Delhi, New Delhi, 21-22 April, 2017.
29. *Challenges in rapidly transforming areas: the assessment of livelihood status and sustainability in peri-urban interface". At National Seminar on "**Transforming backward areas: issues, challenges and strategies,**"*, Department of Geography, Panjab University, Chandigarh, 4-5, October 2018.
30. *Tourism and Environment: A geographical perspective, at National workshop on Skill trends and skill needs in tourism sector, organized by Department of Commerce, Aligarh Muslim University, Aligarh, 23-28 September 2019.*
31. *Maps and their feature at National Workshop on Cartography, Organized by DAV College Kanpur, 8-14 February, 2020.*