



PROFILE/BIODATA

Sl. No.	Particulars	Details
1	Name	Prof. Asima Nusrath
2	Date of Birth	8 th Sept 1961
3	Address for Communication	Department of studies in geography, university of Mysore, Mysore 570006
4	Contact details E-mail & Mobile No.	n_asima@yahoo.com 9986525716
5	Educational Qualification	<ul style="list-style-type: none"> ➤ Bachelor of Arts -1980-1983 ➤ Master of Arts- 1983-1985 ➤ Ph.D-1988- 1994.
6	Professional qualification	<ul style="list-style-type: none"> ➤ Professional master's degree in Geoinformatics 2002 – 2003 at The International Institute for Geo-Information Science and Earth Observation (ITC), The Netherlands. ➤ Diploma in remote sensing and digital image processing. IIRS DehraDun
7	Fellowships awarded	<ul style="list-style-type: none"> ➤ Netherlands fellowship 2002 -2003 for research and capacity development in the field of geo-information science and earth observation
6	Experience:- a)Teaching b)Research c)Administration	<ul style="list-style-type: none"> ➤ <u>27 Years</u> of Teaching ➤ <u>30 Years</u> of Research ➤ <u>4 Years</u> of Administration
7	Publications	43 research papers
9	Membership of Professional Body/Organization-National andInternational level	
	<ol style="list-style-type: none"> 1. National Association of Geographers, India (NAGI) Life Member 2. Institute for Indian Geographers, Pune (IIG) Life Member 3. Geographical Science Association, Mysore (GSA) Life Member 4. Indian society of Geomatics (ISG) Life Member 5 Indian Geographical Society, Madras (IGS) Life Member 5. Indian National Cartographic Association (INCA) Member 6. Ecology and Ekistics, West Bengal. Life Member 	

PROFESSIONAL EXPERIENCE

Sl No.	Designation	University/Institution	Location	From	To
1	Professor	Department of Studies in Geography, University of Mysore, Mysuru	Mysore	2010	date
2	Chairman	DoS in Geography, University of Mysore	Mysore	2011	2013
3	Chairman	DoS in Geography, University of Mysore	Mysore	2015	2017

RESEARCH

Sl No.	Area	Particulars	Remarks
1	Ph.D Supervision	11 Students awarded Ph.D	7 under supervision
4	Research Projects as Principal Investigator	<ol style="list-style-type: none"> 1. Mysore City Road transportation information system. 2. Environmental Impact of Iron Ore Mining in Kudremukh region. 3. Landuse and landcover changes in Mysore – Bangalore Corridor Region 	
6	Reviewer	For several national and International Journals,	
	MEMBERSHIP IN ACADEMIC BODIES	Member of Board of Examiners (BoE) Adjudicator of Ph.D Member of Board of Appointment (BoA) to various Universities in Karnataka and other states Member of the Selection Committees (Expert)	

List of Ph.D awarded			
	Name	Topic	Year
1	Lancelet.	Urban land use and land cover changes in Cochin Metropolitan area.	2006
2	Jayamani. M.	Urban land policy and spatial implication on land use change. A case study of Mysore Urban area	2008
3	Mashesh	A geographical appraisal of the closure of Iron Ore Mine and its impact on socio economic scenario – A case study of Kurdremukh mining region	2009
4	Shabeer A.M.	Environmental degradation and natural restoration of Chaliyar river basin: A case study of Mavoor Rayon Industry in Kerala	2012
5	Ali Bolor	Monitoring urbanization and its responses to land use and land dynamics. A case study of Mysore-Mandya corridor Region	2016
6	Naveena T.M.	Urban and rural disparities in food security – A case study of Mysore district	2016
7	Somashekhar. B.M	Application of GIS and Remote sensing in Mapping, Monitoring, and Reverting strategies to combat desertification processes in Karnataka State.	2016
8	Rekh. H.V	Impact of urbanization on the sustainability of surface and ground water in the Arkavathy catchment area	2016
9	Mudassir Majid Mali	Monitoring forest dynamics – processes and patterns in responses to natural and anthropogenic influences – a case study of Baramulla district of Kashmir valley	2018
10	Mushtaq Ahmad Ganie	Application of GIS and remote sensing in studying the cultivation of apple and saffron in Kashmir valley	2018
11	Javid Ahmed Tali	Location of public health care facilities in Kashmir valley	2019
12	Indu T,M.	Impact of urbanization on urban environments, land transition – using geospatial techniques – a case study of Mysore- Srirangapatana region	2019

Research Publications

1. Lancelet & Asima Nusrath: Urbanization and urban sprawl of cochin urban area, Proceedings of NAGI conference, Dec 2005
2. Asima Nusrah: Mysore city roads: testing the accident prediction model, Indian geographical journal, Peer reviewed, Vol.80, No.2, Sept 2006
3. Asima Nusrath & Nasser Saleh: Decision support system for sustainable road management, International journal of environmental, cultural economic and social sustainability, Peer reviewed refereed journal, Common ground publishers. Melbourne Australia, Vol 4, No.3, 2008, 1832-2077
4. Abdoulla Namdar & Asima Nusrath: Tsunami Numerical Modeling and mitigation, Frattura ed Integrità Strutturale, (Fracture and Structural Integrity), Publishers: Gruppo Italiano Frattura

- (IGF); Published in Italy, an open-access, peer reviewed journal., Volume: 4; Issue: 12; Start page: 57; Date: 2010, DOI: [10.3221/IGF-ESIS.14.08](https://doi.org/10.3221/IGF-ESIS.14.08), 1971-8993
5. Abdoulla Namdar & Asima Nusrath: Liquifaction mathematical analysis for improvement structure's stability, *Frattura ed Integrità Strutturale*, (Fracture and Structural Integrity), Publishers: Gruppo Italiano Frattura (IGF); Published in Italy, an open-access, peer reviewed journal. Volume: 4; Issue: 14; Start page: 75; Date: 2010; DOI: [10.3221/IGF-ESIS.14.08](https://doi.org/10.3221/IGF-ESIS.14.08) 1971-8993
 6. Jayamani & Asima Nusrath: Recent trends in changing residential system: land market in urban area, *Southern Economist*, Sree Ranga Publishers, Bangalore, Vol. 49, No.9., September 2010, 0038-4046
 7. Hassan Ahmadi & Asima Nusrath:Vegetation change detection of Neka river in Iran by Using Remote sensing and GIS, *Journal of Geography and Geology*, Peer reviewed refereed journal., Canadian center of science and education, Vol.2, No.1, Sept 2010, Print: 1916-9779 ,Online: 1916-9787
 8. Jayamani M & Asima Nusrath: Urban development and vulnerability of heritage hot spots in Mysore city, *Asian journal of development matters*, Center for advanced Rural policy innovation and management. And Road trust Karnataka , Vol. 4, No.3, Dec 2010, On line 0976-4674, Printed: 0973-9629
 9. Jayamani M & Asima Nusrath:Booming real estate markets, changing urban design and endangered heritage status: A case study of Mysore Urban Area, *ITPI Journal*, A quarterly (Refereed) Journal, Institute of Town Planners, India , Vol.8, No 2, April-June 2011, 0537-9679
 10. Jayamani M & Asima Nusrath:Vulnerability of heritage areas to the changing nature of residential buildings – a case study of Mysore urban area, *Nagarlok, Urban Affairs Quarterly*, Center for urban studies, the Indian institute of Public Administration, Vol XLIII, Vol.2, April-June 2011, ISSN 0027-7584
 11. Asima Nusrath: Proliferation of ferrous oxide in the landscape and impact on the local communities, *Environment, Agriculture and Food Security*, Proceedings of 31st IIG meet, Vol.1, 2011, ISBN-13:978-81-91053-0-2
 12. Shabeer A.M. & Asima Nusrath Impact of industrial shut down and land use change in Chaliyar basin, *Environment, Agriculture and Food Security*, Proceedings of 31st IIG meet, Vol.1, 2011, ISBN-13:978-81-91053-0-2
 13. Abdoulla Namdar & Asima Nusrath: Urban area and Liquifaction, *Environment, Agriculture and Food Security*, Proceedings of 31st IIG meet, Vol.1, 2011, ISBN-13:978-81-91053-0-2

14. Jayamani M. & Asima Nusrath: GIS for estimating changing land values for Mysore city, Environment, Agriculture and Food Security, Proceedings of 31st IIG meet, Vol.1, 2011, ISBN-13:978-81-91053-0-2
15. Shabeer A.M. & Asima Nusrath: Environmental degradation and land use change in chaliyar river basin – a case study of Mavoor industrial region, Mining of river sand and its impact on the environment, Proceedings of National Seminar , Center for water resources development and management (CWRDM), February 2011
16. Shabeer A.M. & Asima Nusrath: Spatio temporal analysis of surface water quality degradation and natural restoration – a case study of rayon industry, International journal of current scientific research, CurrentSciDirect publication- IJCSR, Vol. 2, No.2, 2011, 2250-0138
17. Shabeer A.M. & Asima Nusrath: Impact of industrial shut down and land use change in Chaliyar basin, Journal of Geography and Geology, Peer reviewed refereed journal., Canadian center of science and education, Vol.3, No.1, Sept 2011, Print: 1916-9779, Online: 1916-9787
18. Mahesh & Asima Nusrath: Impact of mining on social and economic condition in Mudigere taluk, Chikamagalur Taluk, Asian journal of development matters, Rural organization for appropriate development, Road trust & Karnataka Kindey Health foundation., Vol 6, No. 1, June 2012, On line 0976-4674, Printed: 0973-9629
19. Rekha H.V. & Asima Nusrath: Impact of urbanization on land use and land cover- A case study of Arkavathy river, Asian Journal of Research in social sciences and Humanities, A peer reviewed refereed monthly international journal- Asian Research Consortium, Vol 2, issue 9, Sept 2012, 2250-1665.
20. Naveena T.K. & Asima Nusrath: Growth of population and impact on Food security - A case study of Mysore District, Asian Journal of development matters, No. 1, June 2014, ISSN 0976-4674
21. Mudassir Majid Malik & Asima Nusrath:A Literature Survey on Rural Urban Fringe, Journal of International Academic Research for Multidisciplinary, 2014, 2 (1): 504 – 517, (ISSN: 2320-5083)
22. Mushtaq Ahmad Ganie & Asima Nusrath:”Estimation Of Apple Orchard Using Remote Sensing And Agro-Metrology Land Based Observation In Pulwama District Of Kashmir Valley”., International Journal Of Remote Sensing And Geosciences,ISSN NO:2319-3484,volume 3,issue 6,Nov 2014,pp 21-26
23. Mushtaq Ahmad Ganie & Asima Nusrath:”use of geospatial technology and analysis based on limnological parameters-environmental monitoring and assessment of chikbanvara lake

Bangalore”; international journal of geographical analysis,ISSN-2319-5371,volume-3 number-1, June -2014,pp 49-54

24. Naveena T.M. & Asima Nusrath: Factors influencing food availability focusing on land use change and growth of population in Mysore district, International journal of contemporary science, volume 2, No.1 May 2015, ISSN 2349-0195
25. Ali Bolor & Asima Nusrath: Spatio temporal change detection analysis of land use and land cover: A study of Mysore – Mandya corridor region, International journal of advanced research, Nov. 30 vol. 3. issue 11 (2015), ISSN No. 2320 – 5407
26. Ali Bolor & Asima Nusrath: Ali Bolor & Asima Nusrath: Demographic change of settlements along the Mysore Bangalore corridor Region, International journal of advanced research, Nov. 30 vol. 3. issue 11 (2015), ISSN No. 2320 – 5407
27. Ali Bolor & Asima Nusrath: Monitoring and estimating carbon storage and Co2 Sequestration based on remote sensing and InVest Model in Mysore Mandya corridor region, Landscape and urban planning, Under review
28. Mudassir Majid Malik & Asima Nusrath: Assessing land suitability of vegetation of Baramulla District, Kashmir Valley, International Journal of Multidisciplinary Research and Development, ISSN: 2349 -4182, Print: 2349 – 5979, Impact factor RJIF 5.72, September 2017
29. Asima Nusrath: Regional diversities of food security in India, Article contributed in the “Regional Development theory and practice” felicitation volume, IBN 10, ISBN 13, Kaveri books, December 2017.
30. Mudassir Majid Malik & Asima Nusrath: An assessment of the literature survey on spatial Planning and regional development ", North Asian International Research Journal of social science and Humanities, Vol-3 issue-9 September 2017
31. Javid Ahmad Tali & Asima Nusrath: Location–Allocation model applied to urban public services: Spatial analysis of fire stations in Mysore urban area Karnataka, India, International Journal of Advanced Research and Development, 2017, 2 (5): 795-801 (ISSN: 2455-4030)
32. Javid Ahmad Tali & Asima Nusrath: Geographical Accessibility and Spatial Coverage Modeling of the Healthcare Centers in District Pulwama (J&K State), International Journal of Scientific Research in Science and Technology, 2017, 3(7), (ISSN: 2395-602X)
33. Javid Ahmad Tali & Asima Nusrath: Accessibility to Higher Order Public Health Centers a Study of District Pulwama (J&K), International Journal of Scientific Research in Science and Technology, 2017, 3(8), (ISSN: 2395-602X)

34. Javid Ahmad Tali & Asima Nusrath: Spatial Distribution of Health Centers: A Study of District Pulwama (Jammu and Kashmir), International Journal of Health Sciences and Research, 2017, 7(11), (ISSN: 2249-9571)
35. Mudassir Majid Malik & Asima Nusrath: Assessment of Land Use and Land Cover Change in District Baramulla, Jammu and Kashmir, Research & Reviews: Journal of Space Science & Technology, 2017, 6(3), (ISSN: 2321-2837)
36. Mudassir Majid Makik & Asima Nusrath: Spatio-Temporal Changes of Forest Cover in Baramulla District, Journal of Remote Sensing & GIS, 2017, 8(3), (ISSN: 2230-7990)
37. Indu T.K & Asima Nusrath: Land use and over changes and prediction using geo spatial techniques in Mysore srirangapatana region (MSR), May 2019, Internal Journal of Research and Analytical Reviews (IJRAR)., Vol. 6, issue 2, may 2019, E-ISSN 2348-1269, P – ISSN 2349 – 5138
38. Indu T.K. & Asima Nusrath: Impact of Urbanization on elevation and water bodies in Mysore Srirangapatana region, May 2019, Online , international interdisciplinary research (bi monthly) www.oijrj.org, -ISSN 2249-9598, P –
39. Indu T.K. & Asima Nusrath: Urban expansion of Mysore Srirangapatana region, May 2019, Journal of emerging technologies and innovative research , Vol. 6, issue 5, may 2019, -ISSN 2349-5162, P –
40. Shruthi & Asima Nusrath: Impact of demographic transition on key variables of development in karnataka, Journal of Global Resources, Volume 6 (01), August 2019-January 2020 Page 129-133, ISSN: 2395-3160 (Print), 2455-2445 (Online)
41. Shruthi & Asima Nusrath: An Analysis of Trend and Spatial Distribution Pattern of Agricultural Active Workers in Karnataka, Juni Khyat, ISSN: 2278-4632, Vol-10 Issue-9 No.05 September 2020
42. Javid Ahmad Tali & Asima Nusrath: Location–Allocation Model Applied to Urban Public Services: Spatial Analysis of Fire Stations in Mysore Urban Area Karnataka, India, September 2020, The Indonesian journal of geography 52(2):201, DOI:[10.22146/ijg.25365](https://doi.org/10.22146/ijg.25365)