

Nissar Ahmad Kuchai (Ph.D)

Home Address: Humhama, Budgam,

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Education

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| 2015 | Ph.D. Geography, University of Kashmir, Jammu & Kashmir, India |
| 2011 | M. Phil. Geography, University of Kashmir, Jammu & Kashmir, India |
| 2006 | P.G Diploma in Remote Sensing & GIS, University of Kashmir, Jammu & Kashmir, India |
| 2004 | Masters in Geography , University of Kashmir, Jammu & Kashmir, India |

Thesis

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| Ph. D | Urban Sprawl of Srinagar City and its Impact on Land Transformation and Hydro-geomorphological Characteristics-A Case of Dudganga Catchment in Western Himalayas |
| M. Phil | Mapping and Modeling the Land use Dynamics in Srinagar City-A Geospatial Approach |

Professional Employment

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| 2019-Present | <u>Assistant Professor</u> , Department of Geography, GDC Sopore, University of Kashmir, Sopore, Baramullah, Jammu & Kashmir. |
| 2017-2019 | <u>Assistant Professor</u> , Department of Geography, S. P. College, Cluster University of Srinagar, Srinagar, Jammu & Kashmir, India. |
| 2007-2017 | <u>Cartographer</u> , Department of Geography & Regional Development, University of Kashmir, Jammu & Kashmir, India. |
| 2006-07 | <u>Contractual Lecturer</u> , Department of Earth Sciences (Geo-informatics), University of Kashmir, Jammu & Kashmir, India. |

- 2010-13** **Remote Sensing & GIS Consultant** for major research project- *Anthropogenic Impact on Land use Dynamics of Western Himalayas- A case Study of Lidder catchment of Kashmir Valley*, Funded by Indian Council of Social Science Research (ICSSR), Ministry of Human Resource Development, Government of India.
- 2010-13** **Remote Sensing & GIS Consultant** for major research project- *Urban Sprawl of Srinagar City- An Impact Assessment Analysis Using Geo-Spatial Tools*, Funded by University Grants Commission (UGC), Government of India.

Skills and Activities

- Geospatial Software (ERDAS Imagine, Arc GIS, PCI Geomatica)
- Handling of Global Positioning System and Total Station

Publications

- I. **Nissar A. Kuchay**, M. Sultan Bhat, Nuzhat Shafi: *Population growth, urban expansion and housing scenario in Srinagar City, J&K, India*. 2016; 9(1):1-11
- II. **Nissar A. Kuchay**, M. Sultan Bhat: *Analysis and Simulation of Urban Expansion of Srinagar City*. Transactions of the Institute of Indian Geographers, 2014; 36(1):110-121.
- III. **Nissar A. Kuchay**, M. Sultan Bhat: *Urban Sprawl of Srinagar City and its Impact on Wetlands- A Spatio-temporal Analysis*, International Journal of Environment and Bioenergy, 2014, 9(2): 122-129
- IV. **Nissar A. Kuchay**, M. Sultan Bhat: *Automated Drainage Characterization of Dudganga Watershed in Western Himalayas*, European Scientific Journal, 2013, 9 (35): 126-138
- V. **Nissar A. Kuchay**, M. Sultan Bhat: *Tourist Flow and Tourism Potential Regions of Gulmarg in Kashmir Himalayas*, Global Journal of Human Social Science Research, 2013, 10 (4): 29-35
- VI. Zahoor A. Nengroo, M. Sultan Bhat & **Nissar A. Kuchay**: *Measuring Urban Sprawl of Srinagar City, Jammu and Kashmir, India*, Journal of Urban Management, 2017, 6 (2): 45-55
- VII. Showkat A Ganaie, M. Sultan Bhat, **Nissar A. Kuchay**, Jahangeer A Parry: *Delineation of Micro Agro-Climatic Zones of Jammu and Kashmir*, Int. J. Agricult. Stat. Sci. 2014, 10, Supplement 1
- VIII. Arif H Shah, Zahoor A Nengroo, **Nissar A. Kuchay**, M Sultan Bhat: *Morphometric Analysis and Watershed Prioritization for Hydrological Studies in Dal Lake Watershed of Jammu & Kashmir: A Remote Sensing & GIS Approach*, International Journal of Recent Scientific Research, 2014, 5.

- IX. Arif H. Shah, Hakim F. Ahmad, Zahoor A. Nengroo, **Nisar A. Kuchay**, M Sultan Bhat: *Changing Land use and Cropping Pattern in Budgam District of Jammu and Kashmir – A Spatio-temporal Analysis*. International Journal of Scientific and Engineering Research 02/2013; 4(2).
- X. Zahoor Ahmad Nengroo, M S Bhat, **Nissar A. Kuchay**: *Delineation of Rural-Urban Fringe - a Case Study of Srinagar City*, International Journal of Innovative Research and Development, 2012, 1-4.

Conference & Workshops

- I. Participated and presented paper in about Twenty International and National conferences and workshops.
- II. Refresher Course in Geography and Environmental Studies, organized by HRDC, Jamia Millia Islamia, New Delhi (2 weeks) 2020
- III. Faculty Development Programme (Capacity Building Training) on Geo informatics organized by National Skill Development Corporation (IEST) (21 Days) 2020.
- IV. Advanced Training Programme on Applications of Geomatics in Urban Transportation Planning and Management, organized by St. Peter's University, Chennai (21 days) 2008
- V. Off Campus Outreach Certificate Programme on Remote Sensing, GIS and GPS, organized by Indian Institute of Remote Sensing (NRSA), Department of Space, Govt. of India (6 Weeks) 2007

Research/ Consultancy Projects (Completed)

- i. Associated with the Project on *Concurrent Evaluation of Targeted Public Distribution System, (Jammu & Kashmir Area)* , Conducted by Indian Institute of Public Administration, New Delhi, sponsored by Department of Food and Public Distribution, Ministry of Consumer Affairs, Food and Public Distribution, Government of India, 2007
- ii. Associated with the Project on *Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) of Passenger Ropeway Project, Makhdoom Sahib Shrine, Srinagar*, 2010
- iii. Associated with the Project on *EIA & EMP of Phalgam Development Area, Jammu & Kashmir*, 2011
- iv. Associated with the Project on *Rapid EIA & EMP of Gulmarg Development Area, Jammu & Kashmir*, 2012
- v. Associated with the Project on *EIA & EMP of Yusmarg Development Area, Jammu & Kashmir*, 2012
- vi. Associated with the project on *EIA & EMP of Sonmarg Development Area, Jammu & Kashmir* Operational from 2014.

College Corporate Responsibility

Co-convener, Academic Excellence Committee
Member, Student Welfare Committee
Member, Campus Sanitation Committee
Member, College Research and Development Cell

Dr. Nissar Ahmad Kuchai

Assistant Professor
Department of Geography
GDC Sopore, J&K, INDIA