


Title	Mr.	First Name	Md. Arif	Last Name	Husain	Photograph
Designation		Assistant Professor				
Department		Geography				
Address (Campus)		Dept. of Geography, Shyama Prasad Mukheji College for Women, University of Delhi. Punjabi Bagh (West), Delhi -110026				
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Email		mdarif391@gmail.com , arif@spm.du.ac.in				
Education		PhD				
Subject		Institution		Details		
Geography		Department of Geography, Delhi School of Economics, University of Delhi.		Ph.D. - “Geospatial Study of Snow Cover Dynamics in Lahaul and Spiti District, Himachal Pradesh”.		
Geography		Department of Geography, Delhi School of Economics, University of Delhi.		M.phil. - “ Snow Cover and Hydrological Responses: A Case Study of Spiti Valley”		
Geography		Department of Geography, Delhi School of Economics, University of Delhi.		M.A		
Geography		Shaheed Bhagat Singh College (M), University of Delhi.		B.A Honors		
Remote Sensing and GIS		Indian Institute of Remote Sensing, Dehradun		Certificate Course: - Geospatial Technology for Urban Planning.		

Humanities	Kendriya Vidyalaya, A.G.C.R. Colony, Delhi	10+2
Research Interests/ Specialization		
Remote Sensing and GIS Techniques, Environment Geography/Glacial Environment/Mountain Ecosystem/Climate Change and Field Technique.		
Teaching Experience		
<ul style="list-style-type: none"> • Guest Faculty at Department of Geography, Shaheed Bhagat Singh College (M), University of Delhi (August, 2017-Dec, 2019). • Assistant Professor at Department of Geography, Shyama Prasad Mukherji College for Women, University of Delhi (January, 2020 till date). 		
Publications: Research Papers in Journals <ul style="list-style-type: none"> • Pankaj Kumar, Dhanjeet Deka, Md. Arif. Husain*, Manish Kumar, Pandurang P. Choudhari, Shipra Singh, Azka Kamil, Abhishek Banerjee. “Trend analysis of Precipitation and Temperature in Lahaul and Spiti District, Himachal Pradesh, India.” <i>Front. Clim.</i> 2024 (Scopus), https://www.frontiersin.org/journals/climate • Husain, A.; Kumar, P.; Gonencgil, B. “Assessment of Spatio-Temporal Land Use/Cover Change and Its Effect on Land Surface Temperature in Lahaul and Spiti, India”. <i>Land</i> 2023, <i>12</i>, x. Impact Factor 3.905. https://doi.org/10.3390/land12071294 • Md. Arif Husain, Pankaj Kumar, Anju Singh, VAV Raman, Rachna Dua and Swati Thakur “Snow Cover and Snowline Variation in Relation to Land Surface Temperature in Spiti Valley, Himachal Pradesh”, India November 2022 International Journal of Ecology and Environmental Sciences 49 (2) • Pankaj Kumar, Arif Husain, R.B. Singh. “Impact of Land Cover Change on Land Surface Temperature: A Case Study of Spiti Valley”. <i>Journal of Mountain Science</i>, 15, Institute of Mountain Hazards and Environment, CAS and Springer-Verlag GmbH Germany, part of Springer Nature, 2018, Impact Factor 2.371 (Scopus), https://doi.org/10.1007/s11629-018-4902-9. • Md. Arif Husain and Prashant Kumar, “Socio Economic Analysis of Snow Cover Dynamics: A Case Study of Spiti Valley, Lahual & Spiti District, Himachal Pradesh.”, <i>ACCST</i>, Vol.xiv, No. 1: January 2016. • Md. Arif Husain and Prashant Kumar, “Urbanisation and its Impact on Environment of Delhi.”, <i>ACCST</i>, vol. xiii, No. 4: October 2015. 		

- Md. Arif Husain and Dr. Pankaj Kumar “**Extreme Events and Adaptation in Himalayan Region: Issues and Strategies**”, *World Focus*, U.S Library of Congress 80910345, vol.437: May 2016, pp 112- 116.

Chapters in Edited Books :

- Md. Arif Husain and Pankaj Kumar “**Remote Sensing and GIS-Based Morphometric Analysis of Spiti River Basin**” in *Water Science and Sustainability*, edited by B.W Wasini Pandey and Subhash Anand, *Springer*, April 11, 2021.
- Md. Arif Husain, Pankaj Kumar, and Aakash Upadhyay “**Emerging Challenges and Agricultural Transformation in Spiti Valley, Himachal Pradesh**”, *SMART AGRICULTURE: Ancient Wisdom and Modern Technology*, edited by Punyatoya Patra, Roshani Devi and Gaurav Sikka (eds). *Rawat*, ISBN 9788131611371, <https://www.rawatbooks.com/geography/smart-agriculture->
- Md. Arif Husain, Prashant Kumar, Prem Prakash, “ **Tourism Infrastructure and Services as a Tool for Regional Development: A Case Study of Spiti Valley**, Dimensions of Development Implications and Management, Edited by V.S Negi, Jagbir Singh, Vaneeta Chandna and Anupam H. Hasija, *RIP*, pp. 178.
- Prem Prakash, Aakash Upadhyay, Md Arif Husain, Prashant Kumar and Himanshu Mishra, “**Potential and Challenges of Water ATMS in Delhi: A Case Study of Jahangirpuri Zone JJ Colonies**”, *Water Resources Potentiality and Management Indian Experiences*, Edited by B.W. Pandey, *RIP*.
- Md. Arif Husain and Pankaj Kumar, “**Drinking Water and Health Related Issues: A Case Study of Patparganj Society**”, New Delhi”, *Water Resources Potentiality and Management Indian Experiences*, Edited by B.W. Pandey, *RIP*, pp.167-183.
- Aakash Upadhyay and Md Arif Husain “**Water Problems and Management: A Case Study of Patparganj Society, Delhi**”, *Contemporary Environmental Issues: Vulnerability and Resilience*, Edited by Dr. Vihswa Raj Sharma, *RIP*, pp.279.

Participation in International Conferences/Workshops:

- Presented a paper on “**Trend analysis of Precipitation and Temperature in Lahaul and Spiti districts, Himachal Pradesh, India**” in National Seminar on "Climate Change, Disasters and Increasing Vulnerability in Western Himalayas", organized by D.D. College, Dehradun, January 06-07, 2023.
- Presented a paper on “**Insights into the Cold Desert Environment in the Indian Himalaya: A Case Study of Lahaul and Spiti**” in International Geographical Union Thematic Conference, organized by Dept. Of Geography, Central University of Haryana, India. November, 24-25, 2022.
- Participated and Presented a paper entitled “**Impact of Land Cover Change on Land Surface Temperature: A Case Study of Spiti Valley**”, in XII International Geographical Union, India Conference on Climate Change, Natural Disasters and Sustainable Development, Organized by Department of Geography Govt. P. G. College, Sector 1, Panchkula, February 21-23, 2019”.

- Participated and Presented a paper entitled **“Seasonal and Spatial Characteristics of Urban Heat Island: A Case Study of Mumbai”**, in International Conference on **Livable Cities: Transforming Sustainability and its Challenges**, Organized by Shaheed Bhagat Singh College (M), New Delhi, February 05-07, 2018”.
- Participated and Presented a paper entitled **“The Effects of Snow Cover Dynamic on Agricultural Economy and Its Sustainability: A Case Study of Spiti Himalaya”**, in International Conference on **Spatial Decision Support Systems for United Nations Sustainable Development Goals**, Organized by Kalindi College New Delhi, February 01-02, 2017”.
- Participated and Presented a paper entitled **“Socio-Economic Analysis of Land use/Cover Change: A Geo-Spatial Study of Spiti Valley, Himachal Pradesh”**, in 9th International Geographical Union (IGU) Conference on **Land Use Change, Climate Extremes and Disaster Risk Reduction** New Delhi, March 18-20, 2016”.
- Participated and Presented a paper entitled **“Analysis of Land use Land Cover Change and Its Impact on Rural Economy: A Case Study of Hangrang Valley, Himachal Pradesh”**, IX DGSi International Geography Conference, organized by Department of Geography, Magadh University Bodhgaya, 26-28 Feb. 2015.

Innovative Projects:

- CO-PI of the research project titled **“Accelerated Change in Glacial Environment and Fragmentation of Glacier in Baspa River Valley, Himachal Pradesh”** under FRP, Institute of Eminence, University of Delhi, 2022-23.

Awards/Recognition:

- Awarded with the Best Paper Presentation in the International Workshop on Geography and Sustainability 2023 (GEOSUS 2023), hosted by Beijing Normal University (China), Oct. 27-28, 2023.

As Resource Person:

- **Rapporteur and Session-in-Charge** during the technical session titled **"Hazard, Disasters, Extreme Events and Future Earth"** at the IGU Thematic Conference, 2022, which will be held on the campus of the Central University of Haryana on **November 25th, 2022**.
- Rapporteur of **Technical Session III: Geopolitics, International Diplomacy, Political Movement within Nation States Base** in International Conference held on 5th and 6th April 2021.
- Rapporteur of the **Technical Session IX**, on **“Scope and challenges in science to policy framework for achieving sustainable development goals in India”** in virtual International Conference on **"Future Challenges and Sustainable Development Goals: Science to Policy Framework”** scheduled on 11.30 to 1.00. Pm. on 17th April, 2021.
- Deliver a Lecture on **“Snow Cover Dynamics and Geohazard: A Case Study of Spiti Valley”** in the 3-Day FDP cum Training Workshop on Geo-Spatial Technology, Inclusive and Accessible Disaster Risk Reduction (DRR), Jointly Organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and Shyama Prasad Mukherji College for Women during 04-06 March 2021.

Other Responsibilities:

- Convener of Student Council of Dept of Geography, SPM (2022-2023)
- Co- Convener of website committee of Dept of Geography, SPM (2022-2023)
- Convener of academic committee of Dept of Geography, SPM (2021-2022)
- Member of workload committee of Dept of Geography, SPM (2021-2022)
- Convener of website committee of Dept of Geography, SPM (2020-2021)
- Co- convener of library committee of Dept of Geography, SPM (2020-2021)