

CURRICULUM VITAE

- **NAME:** ABAAS AHMAD MIR
- **PERMANENT ADDRESS:** Sogam, Lolab, Kupwara Kashmir, 193223
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ACADEMIC QUALIFICATION

- **PDF.** Provisionally recommended for award of ICSSR Post-Doctoral Fellowship for the year 2019- 2020 vide order no. 3-176/19-20/PDF/GEN on topic entitled “*Hydrological Information, Land use/Land cover Prediction and SWAT Analysis for effective Watershed Management in Pohru Watershed of Kashmir Valley (J&K)*” under the supervision of Prof. Pervez Ahmed, Department of Geography and Disaster Management, University of Kashmir.
- **Ph.D.** Thesis submitted to the Department of Geography and Regional Development, University of Kashmir on topic entitled “*Impact of Land use Land cover dynamics on hydrological Regime of Pohru Watershed of Kashmir Valley, India.*” under the Joint supervision of **Dr. Pervez Ahmed** (Associate Professor) and Dr. Harmeet Singh (Associate Professor) Department of Geography and Regional Development.
- **MPhil.** Thesis awarded from the Department of Geography and Regional Development, University of Kashmir on topic entitled “*Land Degradation in Pohru Catchment of Kashmir Valley; Causes and Consequences*” under the supervision of **Dr. Pervez Ahmed** (Sr. Assistant Professor) Department of Geography and Regional Development.

| COURSE | YEAR OF PASSING | UNIVERSITY | CLASS OBTAINED |
|------------------------------|-----------------|-----------------------|----------------|
| PDF | 2019-2020 | ICSSR-New Delhi | |
| Ph. D Geography | 2019 | University of Kashmir | A (Grade) |
| MPhil Geography | 2016 | University of Kashmir | A (grade) |
| State Eligibility Test (SET) | 2018 | University of Kashmir | |
| M.Sc. Geography | 2011 | University of Kashmir | Second class |

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|---|------|------------------------------------|--------------|
| B.Ed. | 2011 | University of Kashmir | First Class |
| DPPTT (Diploma in Pre Primary Teachers Training) | 2013 | University of Kashmir | First Class |
| NCC-B | 2008 | Ministry of Defense Govt. of INDIA | First Class |
| B.Sc. Earth Sciences | 2008 | University of Kashmir | Second Class |
| SSE | 2005 | JKBOSE | First Class |
| SSC | 2003 | JKBOSE | First class |

Professional Experience

- With a tenure of two and half years as a project lead under Indo Global Social Service Society (IGSSS), I successfully spearheaded initiatives such as Tribal Developmental Fund Project, Integrated Watershed Management, Climate Change Fund, Farmer Producer Organizations, Farmer Field Schools, DRR Projects and Capacity Building on Climate Change. The projects were funded by **NABARD and Misereor**.
- Nine years' research experience in the field of watershed level studies, and hydrological modelling as a Research Scholar in the Department of Geography Under the guidance of Prof. (Dr.) Pervez Ahmed.
- Worked under the project entitled "Security Perspectives and Geostrategic and Geospatial Realities of the Borderlands Management in Jammu and Kashmir:" in 01/04/.2015 to 03/09/2015.
- Worked as Mapper/Listener for the conduct of *National Family Health Survey 4th round* (NFHS-4) conducted by Population Research Centre (Sponsored by Minister of Health and Family Welfare Govt. of India) in collaboration with International Institute of Population Sciences (IIPS) Mumbai, October 2015-January 2016.
- Teaching experience at UG level from July 2019-Nov.2019 "SP college Srinager"
- Teaching experience at PG and UG level -2021 "Cluster University Srinagar"

- Teaching experience at UG level at Govt. Degree College Sogam, Kupwara.
- Teaching Experience at UG level (Bed) from 22/05/2012 to 12/06/2012 and 03/02/2015 to 27/02/2015.
- Worked as Consultant under IGSSS Kashmir Region for Research studies on Climate change projects funded by NABARD.
- Teaching experience at UG level from Sep. 2024- June. 2025 “GDC Sogam, Kupwara”.

PUBLICATIONS

- **Abaas Ahmad Mir**, Ummar Ahad, Meer Inayatullah, Umair Ali, & Pervez Ahmed: Evaluation of Water Quality Status of Pohru watershed, Kashmir Valley, Jammu and Kashmir, India. *Water, Air and Soil Pollution* (2023) 234: 154. Springer.
- **Abaas Ahmad Mir** and Rayees Ahmed: SWAT Based Prioritization of Sub-watersheds in Pohru Watershed of Jhelum Basin, Northwestern Himalayas. *Research Journal of Agricultural Sciences: An International Journal*.2021; 12(4): 1308-1315.
- Rayees Ahmed, Syed Towseef Ahmed, Gowher Farooq Wani, Pervez Ahmed, **Abaas Ahmad Mir**, and Amarjeet Singh: Analysis of land use and land cover changes in Kashmir valley, India- Areview. 2021. *Geojournal*. Springer.
- **A. A. Mir**, A.A. Wani, Z. Ul Islam, P. Ahmed: Tectonic geomorphology of lolab watershed, northwestern Himalayas, India. *Disaster Advances* 11/2018; 11(11):1-9.
- Maqbool Yousuf, Kaiser Bukhari, Ayaz Mohmood Dar, **Abaas Ahmad Mir**: Seismic Vulnerability Assessment of major construction pattern of the Srinagar city. *IJARSE*, 7(4), 2018.
- Mifta Ul Shafiq, Pervez Ahmed, **Abaas Ahmad Mir**, Himayoon Hassan: Trend Analysis of Winter Precipitation over Kashmir valley from 1980-2016. *IJARSE*, 7(4), 2018.
- **Abaas Ahmad Mir**, Maqbool Yousuf, Pervez Ahmed: Integrated Land Resource Management Plan for Pohru Watershed Of Kashmir Valley (J & K). *i-manager's Journal on Civil Engineering*, 7(4), 2018.
- Saiema Ali, Harmeet Singh, **Abaas Ahmad Mir**, Pervez Ahmed, Rafiq Hussain: Infrastructural Facilities for Floriculture Development in Kashmir Himalayas with special reference to Greater Srinagar. *International Journal of Engineering and Technology*. 04(12), 2017.

- Parvaiz A. Bhat, Mifta ul Shafiq, **Abaas A Mir**, Pervez Ahmed: Urban Sprawl and its Impact on Landuse /Land Cover Dynamics of Dehradun City, India. 6(2), 2017, DOI:10.1016/j.ijsbe.2017.10.003
- Aadil Manzoor Nanda, **Abaas Ahmad Mir**, Imtiyaz A Malik, Pervez Ahmed, T. A. Kanth: Evaluation of Landuse/Landcover Dynamics in Rembiara Watershed of Kashmir Valley (J&K). *International Journal of Emerging Technology and Advanced Engineering*, 7(08), 2017.
- Mifta ul Shafiq, **Abaas A Mir**, Rehana Rasool, Harmeet Singh, Pervez Ahmed: A Geographical Analysis of Land Use/Land Cover Dynamics in Lolab Watershed of Kashmir Valley, Western Himalayas Using Remote Sensing and GIS. *Journal of remote sensing and GIS*. DOI:10.4172/2469-4134.1000189
- Mifta Ul, Shafiq, **Abaas A Mir**, Pervez Ahmed, Parvaiz A Bhat: Landuse/ Land cover Analysis in Hamal Watershed of North western Himalaya's using Remote Sensing & GIS. *International Journal of Engineering and Technology*. 04(03), 2016.
- **Abaas Ahmad Mir**, Pervez Ahmed, Parvaiz Ahmad Bhat, Harmeet Singh: Analyzing Land Use/ Land Cover Change Using Remote Sensing and GIS Techniques in Pohru Watershed of Kashmir Valley. *Journal of Research and Development*, 16, 2016.
- **Abaas Ahmad Mir**, Pervez Ahmed: Sediment yield estimation for watershed management in Lolab water shed of Jammu and Kashmir State using geospatial tools. *International Journal of Advanced Remote Sensing and GIS*, 3(01), 2014.
- **Abaas Ahmad Mir**, Pervez Ahmed: Micro watershed Level Conservation Strategies for Effective Land Management in Haheom Watershed, Kashmir Valley (J & K). *Landscape Ecology and Water Management*, 2014: pages 341-352, DOI: 10. 1007/978-4-431-54871-3_24.

Books:

- Abaas Ahmad Mir, and Harmeet Singh “**Watershed Management – Concept and Approaches**” Ariana Publishers and Distributers- New Delhi, 2021, Doi. 978-81-953726-6-9.
- Abaas Ahmad Mir “**Teaching of Geography**” for B.Ed. Students, published through University of Kashmir, 2022, and revised in 2024.
- Yasir Qurashi, Abaas Ahmad Mir, Showkat Hussain Para “**ABC Climate Change Booklet**” for farmers and artisans of the country in different languages. April, 2022.
- Abaas Ahmad Mir “**Farm Book- Keeping**” calculating Cost incurred for different crops. 2022.

Book Chapters:

- **Abaas Ahmad Mir**, Pervez Ahmed: *Microwatershed Level Conservation Strategies for Effective Land Management in Haheom Watershed, Kashmir Valley (J & K)*. Landscape Ecology and Water Management, 01/2014: pages 341-352; , ISBN: 978-4-431-54870-6, DOI:10.1007/978-4-431-54871-3_24.
- **Abaas Ahmad Mir**, Pervez Ahmed and Umair Ali “Understanding Hydrologic Response Using Basin Morphometry in Pohru Watershed, NW Himalaya” Geographic Information System for Land Resource Management.
- **Abaas Ahmad Mir**, Ahsan Afzal Wani, and Pervez Ahmed “Morphometry Analysis of Haheom watershed, Northwest Kashmir valley, using Geospatial tools. Disaster Risk: Resilient cities and Societies, 2021
- Umair Ali, Ummar Ahad, Syed Ahmad Ali, Mukeem Ahmad, **Abaas Ahmad Mir**, and Tanzeel Khatoon, 2021 “Assessing the Risk of watersheds to Soil Erosion Using GISciences” ISBN 9781774910481 pp. 454.

WORKSHOPS & TRAININGS

- Participated as resource person in one day training programme on Civil Defense exercises on 31/05/2025 at GDC sogam Lolab, Kupwara.
- Participated as Resource Person in One day District Level Workshop on Disaster Management Organized by District Administration Kupwara on 22nd Feb. 2025 at DC Office, Complex Kupwara.
- Attended training course/ workshop on “Community Based Disaster Management” from 17/01/2023 to 19/01/2023 at Jammu and Kashmir Institute of Management, Public Administration and Rural Development, Srinagar.
- Attended one-week Training programme on Earthquake Risk Mitigation and Management, organized by the Deptt. of Geography and Disaster Management, University of Kashmir, Srinagar in collaboration with National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India from Oct. 17-21, 2022.
- Attended one week training programme at Bankers Institute of Lucknow, UP on Farmer Producer Organizations Management (2022).
- Participated as Resource person in four days workshop on Revisiting Farmer Field School organized by Indo-Global Social Service Society (IGSSS) Kashmir on 8th Sept. 2022 to 11th Sept. 2022 at Hotel Paradise Gateway Nishat, Srinagar.
- 6 months diploma in computer Applications from Info Net Computer Education 2006.
- Training program on *Remote Sensing, GIS, GPS and its applications* conducted at Regional Remote Sensing Centre (west), Jodhpur, Rajasthan 2011.
- SWAYAM Online Course Certification. Offered by University of Madras, Mysur, with consolidated score of 76%.

- Attended UGC-SAP seminar cum workshop on Application of Remote Sensing, GIS and GPS in Resource management organized by Department of Geography, University of Kashmir from 23 Feb to 1st March 2013.
- Participated and made Oral presentation in the Ninth JK Science Congress, 2013 and Regional Science Congress held at University of Kashmir from Oct 1-3, 2013.
- 11th JK Science Congress 2015 “Scientific, Social and Economic Dimensions of Climate Change” from October 12-14 2015.
- Attended 6 days’ workshop on *Disaster Management* organized by UGC Academic Staff College in Collaboration with Department of Geography, University of Kashmir from 27 Jan to 1st Feb 2014.
- 21 days training program on *Geospatial Technology and Application* held at JSS University Mysore (Karnataka) from 4th to 24th August 2014.
- 21 days DST sponsored Training Program on *Geospatial Technologies* held at department of Geography University of Kashmir, 2014.
- Attended one week National Seminar on Disaster Mitigation: Approaches and Strategies organized by Department of Geography Kashmir University from 13th to 18th March 2017.
- Combined Annual training at Nagrota NCC Camp from Sep. 10- 2007 to Sep. 21-2007.
- Annual Training NCC Camp at Srinagar from 04 Oct. 2008 to 13 oct. 2008.
- Special Combined Annual Training Cap-08 from 19 April 2008 to 20 April 2008 Held at HQ DG NCC camp, Garrison Parade Ground, Delhi.
- Participated online webinar programme on Earthquake Monitoring and Management on 11th August 2020 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with National Center for Seismology, Ministry of Earth Sciences, Govt. of India.
- Participated in one day International Webinar on Indian Economy: Current Scenario and Way Forward organized by Government Degree college Sumbal, J&K, India on 7th September 2020.
- Participated in the three days online Training programme on Climate Change and Future Trends in Disaster Management jointly organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and University of Kashmir held from 27-29 January 2021.
- Participated in the one day International Webinar on Environmental Sustainability Challenges & Strategies: A way Forward organized by Government Degree College Sumbal, Jammu & Kashmir, India on 11th August 2020.
- Participated in the 20th anniversary of the M6.9 Bhuj Earthquake of January 26, 2001 on Urban Earthquake Risk Mitigation organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India held on 25 January 2021.
- Participated in the Webinar on Disaster Risk Reduction and Child Protection held on 18th January 2021, organized by Child Centric Disaster Risk Reduction Centre, National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.

CONFERENCE/ PROCEEDINGS

- Mifta Ul Shafiq, Pervez Ahmed, Abaas Ahmad Mir, Himayoon Hassan: *Trend Analysis of Winter Precipitation over Kashmir valley from 1980-2016*. 1st International Conference on Recent Developments in Science, Humanities & Management-2018 (ICRDSHM-18), Amar Singh College (Cluster University, Srinagar), 2018.
- Maqbool Yousuf, Kaiser Bukhari, Abaas Ahmad Mir, Ayaz Mohmood Dar, Mohammad Saleem: *Seismic Vulnerability Assessment of major construction pattern of the of Srinagar city*. Ist International Conference on Recent Developments in Science, Humanities & Management-2018 (ICRDSHM-18), Amar Singh College (Cluster University, Srinagar), 2018.
- Abaas Ahmad Mir: *Hydrological Characterization of Pohru Watershed to changing Land Use/ Land cover using SWAT Model*. 13TH JK Science Congress Kashmir University, 2018.
- Maqbool Yousuf, Abaas Ahmad Mir, Ahsan Afzal Wani, Mohammad Saleem: *Risks and Benefits of Design Perspectives of Srinagar Master Plan 2035*. 3 Day workshop on Disaster Resilience of Kashmir in the Face of Climate Change, Srinagar, 2017.
- Abaas Ahmad Mir, Parvaiz A Bhat, Pervez Ahmed: *Micro Watershed Prioritization for Sustainable Development and Management of Natural Resources in Pohru Watershed, J&K*. National Conference on Climate Change and Sustainable Development: Perspectives and Transformational Challenges, 2017.
- Abaas Ahmad Mir, Aadil Manzoor Nanda, Pervez Ahmed, Fayaz A. Lone, T.A.Kant: *Evaluation of Landuse/Landcover Dynamics in Rembiara Watershed of Kashmir Valley (J&K)*. International Conference on Remote Sensing and GIS for Applications in Geosciences, Aligarh Muslim University, 2017
- Mifta Ul Shafiq, Abaas Ahmad Mir, Saiema Ali, Pervez Ahmed: *An investigation of land use/land cover changes and possible causes in Lolab watershed of Kashmir Himalayas*. National Seminar on Environmental Pollution, 2016.
- Abaas Ahmad Mir, Pervez Ahmed: *Modelling Approach for Conservation of Soil Resources in Kashmir Himalayas using Remote Sensing and GIS*. International Geographic Union (IGU) Commission Conference, Srinagar, 2014.
- Abaas Ahmad Mir: *Deterioration of Wular Lake in Kahmir*. International Conference on Regional Development, Sustainability and Socio-Economic Development in Jammu and Kashmir, Srinagar, 2013.
- Abaas Ahmad Mir, Maqbool Yousuf, Ahsan Afzal Wani, Mohammed Saleem. Risk and benefits of design perspectives of Srinagar Master plan 2035. 2017.
- Abaas Ahmad Mir: *Anthropogenic Impact on the Change in water Chemistry of Wular Lake*, 9th JK Science Congress, Srinagar, 2013.
- Abaas Ahmad Mir: *Micro-watershed prioritization for sustainable development and Management of Natural Resources in Pohru Watershed, J&K*, International Conference on Environmental Issues and Sustainable Development, Srinagar, 2013.
- Abaas Ahmad Mir: *Prioritization of Sub-watersheds in Pohru watershed of Kashmir Himalayas using hydrological modelling*, National conference on Climate Change and Pathways to self-Reliant India: Opportunities and challenges for sustainable Development,

organized by Department of Geography, Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi during March 15-16, 2021.

- Abaas Ahmad Mir: Watershed Prioritization of (J&K) Using Sediment Yield Index Model, National conference on Climate Change and Pathways to self-Reliant India: Opportunities and challenges for sustainable Development, organized by Department of Geography, Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi during March 15-16, 2021.
- Abaas ahamd Mir. Eco-tourism in Lolab with prospective of poverty alleviation and nature conservation.
- UGC-Sap Sponsored two days National Seminar on Himalayan resources: Issues, Challenges and Management strategies form 11-12 October -2011.

Publication Record

CITATIONS: 340

H-INDEX: 7

DECLARATION

I hereby declare that all the details furnished above are correct and trustworthy to the best of my knowledge.

DATE: 26/06/2025

PLACE: Sogam Lolab Kupwara

ABAAS AHMAD MIR