



Mohd Farooq Azam

INDIA

Associate Professor & Inspire Faculty Fellow

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Familiar Languages: English, Hindi, Urdu, French **Hobbies:** mountaineering, cycling, off-roading, and cooking

Recognitions, Awards and Honors:

- Early Career Scientist Award 2023 by the International Union of Geodesy and Geophysics (IUGG).
- National Correspondent for World Glacier Monitoring Services (WGMS), Switzerland.
- Selected by International Glaciological Society for Young Scientist panel discussion in International Symposium on Glaciology in High Mountain Asia, Kathmandu, NEPAL (1-6 March 2015).
- INSPIRE Faculty Fellow, 2014.
- Appointed as a forum member for 'International Forum on the 'Cryosphere and Society: The Voice of the HKH' by International Centre for Integrated Mountain Development (ICIMOD), Nepal.
- Best presentation in International Symposium on Glaciology in High Mountain Asia, International Glaciological Society meeting, Kathmandu, Nepal (1-6 March 2015).

Major contributions:

- Undertaking comprehensive field studies and maintain long-term glacier monitoring on Chhota Shigri and Durung Drung glaciers in India.
- Produced reference review articles through comprehensive glaciological research in Himalaya and glaciers' response to climate change.

Research Documentaries:

- Impact of glacier melting on Himalayan Karakoram river's region by Ministry of Education under India Science Program: <https://www.youtube.com/watch?v=KDo-80FVY94&t=141s>
- Listening to Ice (learning from glaciers and mountain communities) in the Zaskar region of the Himalayas: <https://listening-to-ice.org/>
- Crying Himalayan Glaciers: <https://www.youtube.com/watch?v=sPqNs-bttl>

Scientific Expertise and Research Area Interests:

Glacier mass and dynamic studies, glacier/snow surface energy balance modeling, hydrological modeling, hydro- meteorological monitoring, runoff and mass balance modelling, climate change impacts on Himalayan water resources, cryosphere changes under climate change, cryospheric hazards, Permafrost thawing, and black carbon impact on glacier mass budget.

Publications:

32 research articles (8 as lead author) in peer-reviewed journals (including two in SCIENCE).

24 National/International Conferences.

2266 citations, h-index 20, <https://www.researchgate.net/profile/Mohd-Farooq-Azam/publications>

Research output has been featured in >200 national/international media reports, TV Interviews/debates with BBC, NDTV, Sky News London etc.

Research and Academic experience:

Nov 2022 - present: Associate Professor, IIT Indore, India

Dec 2017- Nov. 2022: Assistant Professor, IIT Indore, India

Dec 2022: Visiting Professor at Institute of Geosciences, University of Grenoble, France.

Apr - May 2019: Visiting Professor at Inst. of Geosciences and Environment, Univ. of Grenoble, France.

Mar 2015 – Mar 2019: INSPIRE Faculty at NIH Roorkee, India Nov 2011 - Dec 2014: PhD, Grenoble, France.

Apr 2010 - Nov 2011: Junior Research Fellow in DST sponsored Project, Himachal Pradesh, India

Feb 2010 – May 2010: Training and data analysis of Ground Penetrating Radar (GPR) techniques, LGGE, Grenoble, France.

Early Career Scientist Award (2023)

of the International Union of Geodesy and Geophysics (IUGG) <http://iugg.org/>

