

## **CURRICULUM VITAE**

**Name** : REYAZ AHMAD DAR  
**Parentage** : GH. MOHI-UD-DIN DAR  
**Date of Birth** : 16-05-1982  
**Marital Status** : MARRIED  
**Place of Birth** : KASHMIR, INDIA  
**Present Destination** : Department of Earth Sciences,  
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**Google Scholar:** <https://scholar.google.co.in/citations?user=fWJDOzoAAAAJ&hl=en>

### *Qualifications*

Degree/award	Year	Discipline/field	Organisation
Ph. D	2014	Geology	University of Kashmir
M Sc	2007	Applied Geology	University of Kashmir
B Sc	2005	Geology (science)	University of Kashmir
NET-JRF	2008	Earth Sciences	CSIR+UGC

### *Appointment(s)/positions(s)*

Position held	Organisation	Duration
Research Fellow	ISRO, INDIA	2007-2009
JRF/Ph. D Scholar	University of Kashmir	2010-2011
SRF/Ph. D Scholar	University of Kashmir	2012-2014
Research Associate	AISRF (Joint Indo-Australian R. Project)	2014-2015
Assistant Professor	Department of Earth Sciences, Uni. of Kashmir	Dec. 2015.....

**FELLOWSHIPS:** CSIR-JRF and SRF Fellowships during Ph. D program

**AREA OF SPECIALIZATION:** Tectonic-Geomorphology, Quaternary Geology, Paleoclimate

### Peer Reviewed International Journal Publications

1. Dar R.A., and Zeeden, C. (2020). Loess-Palaeosol Sequences in the Kashmir Valley, NW Himalayas: A Review. **Front. Earth Sci.** 8:113. doi: 10.3389/feart.2020.00113 (IF: 2.89)

2. Rashid, Irfan, Showkat H. Mir, Débora Zurro, **Reyaz A. Dar**, and Zafar A. Reshi, (2019). "Phytoliths as proxies of the past." **Earth-Science Reviews**, 194, 234-250. [doi.org/10.1016/j.earscirev.2019.05.005](https://doi.org/10.1016/j.earscirev.2019.05.005) (IF: 9.53)
3. **Reyaz Ahmad Dar**, Mir, Sareer A. Mir. Shakil Ahmad Romshoo: Influence of geomorphic and anthropogenic activities on channel morphology of River Jhelum in Kashmir Valley, NW Himalayas. **Quaternary International**, 2018. [doi.org/10.1016/j.quaint.2018.12.014](https://doi.org/10.1016/j.quaint.2018.12.014) (IF: 2.19)
4. Shakil A. Romshoo, Sadaf Altaf, Irfan Rashid and **Reyaz A. Dar** (2018). Climatic, Geomorphic and Anthropogenic Drivers of 2014 Kashmir Extreme Flooding in Kashmir, India. **Geomatics, Natural Hazards and Risk**, Vol. 9 (1): 224-248 (IF: 1.7)
5. **Reyaz Ahmad Dar**, Omar Jaan, Khalid Omar Murtaza, Shakil Ahmad Romshoo: Glacial-geomorphic study of the Thajwas glacier valley, Kashmir Himalayas, India. **Quaternary International** 05/2017; <http://dx.doi.org/10.1016/j.quaint.2017.05.021>. (IF: 2.19)
6. Shakil A. Romshoo, **Reyaz Ahmad Dar**, Khalid Omar Murtaza, Irfan Rashid, Farooq A. Dar: Hydrochemical characterization and pollution assessment of groundwater in Jammu Siwaliks, India. **Environmental Monitoring and Assessment** 2017; 189:122, DOI 10.1007/s10661-017-5860-3. (IF: 1.80)
7. **Reyaz A. Dar**, Shakil A. Romshoo, Rakesh Chandra, Ishtiaq Ahmad: Response to "No major active backthrust bounds the Pir Panjal Range near Kashmir basin, NW Himalaya" by Shah. **Journal of Asian Earth Sciences** 123 (2016) 58–60. (IF: 2.86)
8. Denis Stojanovic, Jonathan C. Aitchison, Jason R. Ali, Talat Ahmad, **Reyaz Ahmad Dar**: Paleomagnetic investigation of the Early Permian Panjal Traps of NW India; regional tectonic implications. **Journal of Asian Earth Sciences** 115 (2016) 114–123. (IF: 2.86)
9. **Reyaz Ahmad Dar**, Rakesh Chandra, Shakil Ahmad Romshoo and Nazia Kowser: Micromorphological investigations of the Late Quaternary loess-paleosol sequences of the Kashmir Valley, India. **Journal of Asian Earth Sciences** 111(2015) 328-338. DOI:10.1016/j.jseaes.2015.07.004. (IF: 2.86)
10. Shakil Ahmad Romshoo, **Reyaz Ahmad Dar**, Irfan Rashid, Asif Marazi, Nahida Ali, Sumira Zaz: Implications of Shrinking Cryosphere under Changing Climate on the Streamflows in the Lidder catchment in the Upper Indus Basin, India [In Press]. **Arctic Antarctic and Alpine Research** 06/2015; 47(3). (IF: 2.23)
11. **Reyaz Ahmad Dar**, Rakesh Chandra, Shakil Ahmad Romshoo, Mahjoor Ahmad Lone, Syed Masood Ahmad: Reply to the comment by Shah on "Isotopic and

micromorphological studies of Late Quaternary loess-paleosol sequences of the Karewa Group: inferences for palaeoclimate of Kashmir Valley”. **Quaternary International** 06/2015; 374:200-202. DOI:10.1016/j.quaint.2015.03.029. (IF: 2.19)

12. **Reyaz Ahmad Dar**, Rakesh Chandra, Shakil Ahmad Romshoo, Mahjoor Ahmad Lone, Syed Masood Ahmad: Isotopic and micromorphological studies of Late Quaternary loess-paleosol sequences of the Karewa Group: Inferences for palaeoclimate of Kashmir Valley. **Quaternary International** 10/2014; 371(2015):122-134. DOI:10.1016/j.quaint.2014.10.060. (IF: 2.19)
13. **Reyaz Ahmad Dar**, Shakil Ahmad Romshoo, Rakesh Chandra, Ishtiaq Ahmad: Tectono-geomorphic study of the Karewa Basin of Kashmir Valley. **Journal of Asian Earth Sciences** 10/2014; 92:143-156. DOI:10.1016/j.jseaes.2014.06.018. (IF: 2.86)
14. **Reyaz Ahmad Dar**, Irfan Rashid, Shakil Ahmad Romshoo, Asif Marazi: Sustainability of winter tourism in a changing climate over Kashmir Himalaya. **Environmental Monitoring and Assessment** 2013; 186(4). DOI:10.1007/s10661-013-3559-7. (IF: 1.80)
15. **Reyaz Ahmad Dar**, Rakesh Chandra, Shakil Ahmad Romshoo: Morphotectonic and Lithostratigraphic Analysis of Intermontane Karewa Basin of Kashmir Himalayas, India. **Journal of Mountain Science** 02/2013; 10:1-15. DOI:10.1007/s11629-013-2494 (IF: 1.13)

#### **OTHERS (National/Regional Publications)**

16. **Reyaz Ahmad Dar**, Shakil Ahmad Romshoo: Estimating Daily Stream Flow in the Glacierized Mountainous Kashmir Himalayan Basin. **Journal of Research and Development** 2012, 12, 113-130. (ISSN 0972-5407)

#### **PROFESSIONAL COURSES**

**One month geological field training** in Udaipur and adjoining areas of Rajasthan, Feb-2006.

**Dissertation project** on Remote Sensing and Gis application in land use land cover mapping of District Kupwara, Kashmir 2006-2007.

Attended **Field School in Advanced Structural Geology with Australian Geologists** held in the hills around Manali, Himachal Pradesh, in October 2012, for duration of **three weeks**.

Organized and Participated in the **Finish Geologists Field Trip to North Western Himalayas and Karakoram** from **9-18<sup>th</sup> June, 2012**.

Organized and Participated in the **Indo-French field workshop on “Himalayan Tectonics”** sponsored by Centre Franco-Indien pour la Promotion de la Recherche A’vancee (CEFIPRA), New Delhi, India from **20<sup>th</sup> to 29<sup>th</sup> July, 2014**.

Attended **ANUX Summer School** organized by the **Research School of Earth Sciences (RSES), Australian National University, Australia** for duration of six weeks from **2<sup>nd</sup> November-11<sup>th</sup> December, 2015**.

Attended, **IHCAP ‘Teach the Teachers workshop’ on glaciology and related areas**, at the Universities of **Fribourg and Zurich**, Switzerland from **June 30 to July 6, 2016**.

Participated in the **Applied Glaciology Training and Capacity Building Workshop** organized by the Department of Geography, Shaheed Bhagat Singh College, **University of Delhi**, under the Indian Himalayas Climate Adaptation Programme (IHCAP), **February 2-5, 2016**.

Attended **four week 73<sup>rd</sup> General Orientation Course** organized by **UGC-Human Resource Development Centre, University of Kashmir, Srinagar** from **06<sup>th</sup> December, 2016 to 4<sup>th</sup> January, 2017**.

Participated in the field training and delivered a lecture in the **mini HKT** workshop organized by the **Research School of Earth Sciences (RSES), Australian National University, Australia** from **2<sup>nd</sup> April to 11<sup>th</sup> April, 2017**.

**Organized the field** work in the area around Lake Tso Morari, Ladakh for USA geologists (from Washington State University and Boise State University) from **24-July-2018-6-August-2018**.

**Reyaz Ahmad Dar**