

## CURRICULUM VITAE

Name: OMAR JAAN

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### Qualifications

DEGREE/A WARD	YEAR	DISCIPLINE/FIELD	Division	ORGANISATION
12 <sup>TH</sup>	2008	SCIENCE	1 <sup>st</sup>	JKBOSE
B Sc	2011	GEOLOGY(SCIENCE)	1 <sup>st</sup>	UNIVERSITY OF KASHMIR
M Sc	2013-14	APPLIED GEOLOGY	1 <sup>st</sup>	UNIVERSITY OF KASHMIR
Ph.D.	2022	GEOLOGY	-----	UNIVERSITY OF KASHMIR

### Research Experience:

1. Worked as JRF for two years in the Indo-Australian project AISRF entitled as, “interdependencies of deep crustal and surficial changes during the Himalayan collision”.
2. Worked as JRF for two years and SRF for One year in the IUAC sponsored research project on CRN dating of Glacio-fluvial deposits of Kashmir valley”.
3. Working as a Senior Project Associate in DST sponsored research project entitled, “Central of excellence of for glacial studies in western Himalayas”.

### Publications

1. **Paul, O. J.,** Romshoo, S. A., Dar, R. A., Kumar, P., Dhal, S. P., & Chopra, S. (2022). Paleo-glacial reconstruction of the Thajwas glacier in the Kashmir Himalaya using <sup>10</sup>Be cosmogenic radionuclide dating. *Geoscience Frontiers*, 13(6), 101432. (IF. 8.9).
2. **Paul, O. J.,** Dar, R. A., & Romshoo, S. A. (2022). Cirque development in the Pir Panjal Range of North Western Himalaya, India. *CATENA*, 213, 106179. (IF 6.2).
3. **Paul, O. J.,** Dar, R. A., & Romshoo, S. A. (2021). Paleo-glacial and paleo-equilibrium line altitude reconstruction from the Late Quaternary glacier features in the Pir Panjal Range, NW Himalayas. *Quaternary International*. (IF 2.2)

4. Dar, R. A., **Jaan, O.**, Murtaza, K. O., & Romshoo, S. A. (2017). Glacial-geomorphic study of the Thajwas glacier valley, Kashmir Himalayas, India. *Quaternary International*, 444, 157-171. (IF 2.2)
5. Murtaza, K. O., Dar, R. A., **Paul, O. J.**, Bhat, N. A., & Romshoo, S. A. (2021). Glacial geomorphology and recent glacial recession of the Harmukh Range, NW Himalaya. *Quaternary International*, 575, 236-248. (IF 2.2)
6. Dar, R. A., Murtaza, K. O., **Paul, O. J.**, Nisa, A. U., Akhter, N., Dar, F. A., & Mir, R. A. River response to melting cryosphere in the Pir Panjal Range of NW Himalaya. *Frontiers in Water*, 58. (IF 2.9)
7. **Jaan, O.**, Lone, S., Malik, R., Lone, A., & Wasim, M. (2015). Morphotectonic and morphometric analysis of Vishav basin left bank tributary of Jhelum River SW Kashmir Valley India. *International Journal of Economic and Environmental Geology*, 17-26.

### **Book chapters**

1. Dar, R. A., **Paul, O. J.**, Murtaza, K. O., & Romshoo, S. A. (2021). Late Quaternary Glacial Geomorphology of Kashmir Valley, NW Himalayas: A Case Study of the Sind Basin. In *Water, Cryosphere, and Climate Change in the Himalayas* (pp. 145-157). Springer, Cham.

### **Conferences**

1. Presented a paper in the 11th JK science congress entitled as, “Tectono-geomorphic studies of the Sindh watershed using remote sensing and GIS”.
2. Presented a paper in the 11<sup>th</sup> JK science congress entitled as, “Glacio-geomorphologic study of the Thajiwas glacial valley, Kashmir Himalayas, India”.
3. Presented a paper in the national conference ISG-2015 entitled as, “Tectono-geomorphic studies of the Suru basin, Zaskar Himalayas using remote sensing and GIS”.
4. Presented a paper in 12th JK science congress 2017 entitled as, “Glacial geomorphic studies in Pir-Panjal range”.

### **Workshops**

1. Three-day workshop on Accelerator Mass Spectrometry held by IUAC, New Delhi.

### **Scientific Memberships**

Life member of Indian society of Geomatics (ISG-L-1851)

Life member of Indian Meteorological Society (LM-3188)

### **Technical Skills.**

- High altitude fieldwork experience of Ten years at various glaciers.
- Experience in geological and glaciological field work.

- Experience in Cosmogenic radionuclide dating.
- Operation of Global Positioning System (GPS), DGPS, Trimble Electronic Total Station, S6-Surface scanning for Geodetic Mass Balance Estimation.
- Modelling spatial problems in a GIS environment.

Declaration

I declare that the above-mentioned information is correct and comprehensive to the best of my knowledge.



OMAR JAAN PAUL