

CURRICULUM VITAE

Name: Mohd Altaf Lone

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Qualification details

S. No.	Degree	Subjects	University/Board	Year of passing	Result (%)
1	10+2	English, Physics, Chemistry, Biology, Evs.	JKBOSE	2008	1 st Div.(66.2)
2	B.Sc. (3-year)	English, Geology, Geography and Chemistry	A S College, University of Kashmir	2011	1 st Div.(62.77)
3	M.Sc.	Applied Geology	University of Kashmir	2014	1 st Div.(66.7)
4	Ph.D	Geology	University of Kashmir	2022	Awarded

Awards/Honours

- ✓ Project Junior/Senior Research Fellow

Experience/skills

1. Attended a weeklong geological fieldwork in Kargil Himalayas Ladakh, 2012.
2. Attended one-month fieldwork on Archean geology in and around Bangalore and Mysore city of Karnataka state, 2013.
3. Carried out master's thesis to study Morphotectonics of Ferozpur Nallah left bank tributary of Jhelum river of Kashmir Valley, NW Himalayas 2013-14.
4. One-year experience as a **JRF** on a project entitled as "**Spatial distribution of Uranium and associated water quality parameters in ground/drinking water of nine districts of J&K**", under BRNS-DAE, India.
5. Carried out the geological fieldwork for three weeks across Ladakh, 2017.
6. Three-year experience as a **JRF** on a project entitled as "**Groundwater security of Indus Basin (Ladakh) in present and future climate and land use Scenarios**", sponsored by **MoES**, GoI.
7. Worked in a National programme of Spring Rejuvenation in District Pulwama South Kashmir, 2018.
8. 3-day National training programme of analytical chemistry conducted by Geological Society of India 18-20 February 2021.
9. Experience in Arc-GIS, Eradas 9.1, Arc View and Global Mapper.

Publications

1. Jeelani, G., Hassan, W., Saleem, M., Sahu, S.K., Pandit, G.G. and **Lone, A.**, 2022. Trace metal and radionuclide geochemistry of soils in western Himalaya: implication to ecological and radiological hazards. Environmental Earth Sciences, 81(7), p.205 (**IF. 3.2**).

2. **Lone, A.**, Jeelani, G., Deshpande, R.D. and Padhya, V., 2021. Impact of Indian summer monsoon in westerly dominated water resources of western Himalayas. *Isotopes in Environmental and Health Studies*, pp.1-26. **(IF. 1.6)**
3. Jeelani, G., Lone, S.A., **Lone, A.** and Deshpande, R.D., 2021. Groundwater resource protection and spring restoration in Upper Jhelum Basin (UJB), western Himalayas. *Groundwater for Sustainable Development*, 15, p.100685.
4. **Lone, A.**, Jeelani, G., Deshpande, R.D. and Padhya, V., 2021. Estimating the sources of stream water in snow dominated catchments of western Himalayas. *Advances in Water Resources*, 155, p.103995. **(IF. 5.3)**
5. Lone, S.A., Jeelani, G., Deshpande, R.D., Mukherjee, A., Jasechko, S. and **Lone, A.**, 2021. Meltwaters dominate groundwater recharge in cold arid desert of Upper Indus River Basin (UIRB), western Himalayas. *Science of The Total Environment*, 786, p.147514. **(IF. 10.75)**
6. **Lone, A.**, Jeelani, G., Deshpande, R. D., Kang, S., & Huang, J. (2019) Hydrochemical assessment (major ions and Hg) of meltwater in high altitude glacierized Himalayan catchment. *Environmental monitoring and assessment*, 191(4), 213. **(IF. 3.3)**
7. **Lone A** (2017) Morphometric and Morphotectonic Analysis of Ferozpur Drainage Basin Left Bank Tributary of River Jhelum of Kashmir Valley, NW Himalayas, India. *J Geogr Nat Disast* 7: 208. doi: 10.4172/2167-0587.1000208. **(IF. 0.8)**
8. Suhail A. Lone, **Altaf A. Lone** and Ghulam Jeelani (2016) Characterization of Groundwater Potential of Sindh Watershed Western Himalayas, *J Res. & Dev.* v. (16).

9. Jaan, O., Lone, S., Malik, R., **Lone, A.** and Wasim, M., 2019. Morphotectonic and morphometric analysis of Vishav basin left bank tributary of Jhelum River SW Kashmir Valley India. *International Journal of Economic and Environmental Geology*, pp.17-26.

Conference & Workshop

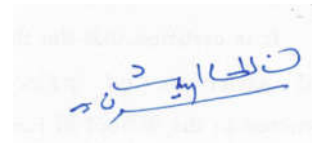
1. Isotopes in precipitation and groundwater in alluvial basin of Kashmir western Himalayas. *International symposium of sustainable urban environment (Issue 2017) Tezpur University, Assam (23-24 June 2017).*
2. Climatic effect on stable isotopic characteristics of a seasonal snow cover and glacial melt. *3-Day National Workshop on Disaster Resilience of Kashmir in the Face of Climate change*, Organized by Department of Environmental Sciences, GDC Bemina, Cluster University Srinagar (13-15 November, 2017).

Specialization

Hydrogeology, Aquifer Mapping, Environmental Isotopes, Geomorphology, Remote Sensing and GIS

Declaration

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



Dr. Mohd Altaf Lone