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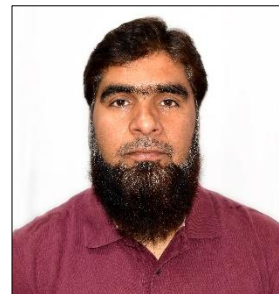
Dr. Arshid Jehangir (NET, Ph.D)

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Area of specialization: Paleoclimatology, Air Pollution and Air Quality, Climate Change, Solid Waste Management and Environmental Pollution

Teaching Experience: 13 years

Research Experience: 15 years

Research Guidance: PhD: 12(2) M.Phil: 3 M.Sc Projects: 25

No of publications > 30; **H-index**=9; **i-10 index**= 7; **Citations** =201; **Cumulative impact Factor** >18;

Books / Monographs Published: 3

Research Projects completed and in progress (3) **Local** (1) **National** (1) **International** (1)

Consultancy projects completed as FAE (14)

Workshop Conferences, Symposia and Seminars organized (11)

Workshop/ Conferences/ Symposia and Seminars Attended (10)

Faculty development programs participated (14)

Accredited Functional Area Expert (FAE) for Air Quality (AQ) and Air Pollution (AP) by NABET, Quality Council of India (QCI) for Category A EIA Projects

Nominated as Expert member (13/01/2015) by National Green Tribunal (NGT) constituted Committee for implementation of Solid Waste Management in Srinagar City

Ten important publications:

1. Khanday, S.A., Romshoo, S.A., **Jehangir, A.**, Sahay, A., Chauhan, P. 2018. Environmetric and GIS techniques for hydrochemical characterization of the Dal lake, Kashmir Himalaya, India. *Stochastic Environmental Research and Risk Assessment*, 1-18. ISSN: 1436-3259 (electronic version) **(IF-2.668)**
2. Praveen K. Mishraa, Sushma Prasad, **Arshid Jehangir**, Ambili Anoop, Abdul R. Yousuf, Birgit Gaye, 2018. Investigating the role of melt water versus precipitation seasonality in abrupt lake-level rise in the high-altitude Tso Moriri Lake (India). *Palaeogeography, Palaeoclimatology, Palaeoecology* 493 (2018) 20–29: **(IF-2.942)**.
3. Shabir A. Khanday, A. R. Yousuf, Zafar A. Reshi, Irfan Rashid, **Arshid Jehangir** & Shakil Ahmad Romshoo, (2017). Management of *Nymphaea peltatum* using water level fluctuations in freshwater lakes of Kashmir Himalaya. *Limnology*, (2017) 18:219–231 ISSN: 1439-8621 **(IF: 0.913)**
4. Sushma Prasad, Praveen K. Mishra, Philip Menzel, Birgit Gaye, **Arshid Jehangir**, Abdul R. Yousuf, 2016: Testing the validity of productivity proxy indicators in high altitude Tso Moriri Lake, NW Himalaya (India). *Palaeogeography, Palaeoclimatology, Palaeoecology* 449 (2016) 421–430: **(IF-2.942)**.
5. Aadil Hamid, Salim Aijaz Bhat, Sami Ullah Bhat and **Arshid Jehangir**, 2016: Environmetric techniques in water quality assessment and monitoring: a case study. *Environ Earth Sci* (2016) 75:321: **(IF: 1.765)**.
6. Praveen K. Mishra, Sushma Prasad, A. Anoop, B. Plessen, **Arshid Jehangir**, B. Gaye, Philip Menzel, S.M. Weise, A.R. Yousuf. Carbonate isotopes from high altitude Tso Moriri Lake (NW Himalayas) provide clues to late glacial and Holocene moisture source and atmospheric circulation changes. *Palaeogeography, Palaeoclimatology, Palaeoecology*, Volume 425, 1 May 2015, Pages 76-83. (ISSN: 0031-0182). **(IF. 2.942)**
7. Praveen K. Mishra, A. Anoop, G. Schettler, Sushma Prasad, **Arshid Jehangir**, P. Menzel, R. Naumann, A.R. Yousuf, N. Basavaiah, K. Deenadayalan, M.G. Wiesner, B. Gaye. Reconstructed late Quaternary hydrological changes from Lake Tso Moriri, NW Himalaya" *Quaternary International*, 2014. **357**(4): 1 -17 **{IF: 2.128}**.
8. Praveen K Mishra, A. Anoop, **Arshid Jehangir**, Sushma Prasad, P. Menzel, G. Schettler, R. Naumann, S. Weise, N. Andersen, A. R. Yousuf and B. Gaye *Limnology and modern sedimentation patterns in high altitude Tso Moriri Lake, NW Himalaya "implications for proxy development."* *Fundamental and Applied Limnology*, 2014. **185**(4): 329 -348 **{IF 1.0}**.
9. **Jehangir, A.**, Yousuf, A.R. Reshi, Z. A., Tanveer, A. and Bhat, A. A. Comparison of Physical, Chemical and Microbial Properties of Soils in a Clear-cut and Adjacent Intact Forest in North Western Himalaya, India. *International J. Soil Science*. 2012, 7(3); 71-81. **(ISSN:1816-4978)**.
10. Bhat, F. A., Yousuf, A. R., Ahmad, A. **Jehangir, A.**, Mehdi, D. Balki, M. H. Ecology and biodiversity in Pangong Tso (lake) and its inlet stream in Ladakh, India. *International J. Biodiversity Conservation*. 2011, Vol. 3(10), pp. 501-511. **(ISSN: 2141-243X)**.

Research Projects Conducted

I. Research Projects as Principal Investigator

S. No.	Title of Project	Sponsor	Period
1.	National Carbonaceous Aerosol Programme (NCAP) WGIII: Carbonaceous Aerosol Emissions, Source Apportionment and Climate Effects	MOEF &CC	30 th March, 2017-2022 (5 years)
2.	Ecological Monitoring of Dal Lake: Studies on the Periphyton, Benthos and Fish and Fisheries.	LAWDA, J&K Govt.	2012-2015

II. Research Projects in Collaboration

S. No	Project Title	Sponsors	Period
1.	HIMPAC (Himalayan Modern and Past Climate)	Deutsches GeoForschungs Zentrum (GFZ) Potsdam, Germany	2011-2014

Training Courses/Workshops Completed

- Presented a paper (poster) titled **“Potential of Amino Acid Proxy for Determining State of Organic Matter Degradation in the Sediments of Ahansar Lake of Kashmir Himalaya”** in national Seminar on "Climate Change and its Impact on Himalayan Ecology and Food Security" organized by *Division of Environmental Science, SKUAST-Kashmir, Shalimar* from 13-14th March, 2019.
- Workshop on **“Positive Matrix Factorization (PMF)”** organised by NCAP Coalesce IITB, Mumbai from August 22-24, 2019.
- Short term course on **“Materials Characterizations Techniques”** sponsored by TEQIP III organized by department of Physics, National Institute of Technology (NIT), Srinagar from June 24-28, 2019.
- Technical workshop on **“Ozone Precursors (VOCs & Carbonyls) Monitoring”** organized by Dr S.K. Tyagi Former Addl. Director CPCB, Delhi and SWAN, at Delhi, from 06-12-2018 to 07-12-2018
- “High Temporal Resolution Air Quality Observations from Space”** organized by NASA, Applied Remote Sensing Training Program (ARSET), from September 04-25-2018 (Webinar).
- “Satellite Remote Sensing of Air Quality Data, Tools, and Applications”**, organized by NASA, Applied Remote Sensing Training Program (ARSET), and Indian Institute of Tropical Meteorology, Ministry of Earth Sciences, Government of India, Pune, from 23-05-2017 to 26-05-2017.
- “Water Resources: Threats and Challenges: A way forward”**, organized by Department of Environmental Science and Centre of Research for Development, University of Kashmir, from 22-03-2017 to 23-03-2017
- “Requirements, Practices, Gaps & Challenges in Air Quality Study for Preparation of EIA Report”**, organized by Indian Association for Air Pollution Control, Delhi Chapter (IAAPC), dated 27-08-2016
- Four weeks UGC sponsored **“Special Winter School Refresher Course” with Grade A** organized from 9th Feb. to 3rd March, 2016 conducted by Human Recourse Development Centre, University of Kashmir, Srinagar
- One month training through webinar on **“Satellite Remote Sensing of Particulate Matter Air Quality: Data, Tools, Methods and Applications (Aka AOD-PM)”**, organized by Applied Remote Sensing Training (ARSET) Air Quality, National Aeronautics and Space Administration (NASA), from 01-10-2015 to 29-10-2015.
- Three Day Course on Meteorology, Air Quality Modeling and Prediction**, organized by Gujarat Energy Research and Management Institute (GERMI), from 21-09-2015 to 23-09-2015.
- One month's training in **“Sediment core opening, sampling and correlation using magnetic susceptibility and XRD data at Deutsches GeoForschungsZentrum (GFZ) Potsdam, Germany** in connection with the Project HIMPAC (Himalayas: Modern and Past climate) in the time frame of 7th May- 7th June, 2012.