CURRICULUM VITAE-FAROOQ

FAROOQ AHMAD DAR (PHD)

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University of Kashmir, Srinagar, Jammu and Kashmir, India.
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Websites:
ORCID https://orcid.org/0000-0002-2897-7804
Web of Science https://www.webofscience.com/wos/author/record/1744569
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Research Gate https://www.researchgate.net/profile/Farooq-Dar-5/research

	Google Scholar	Web of Science	Research Gate
Citations	656	630	638
h-index	13	12	13
i10-index	14	11	12

Academic Qualifications

Gold Medal in MSc. Applied Geology

PhD from CSIR-NGRI, Hyderabad

- **Ph.D.:** (2014). Topic "Hydrogeological Characteristics of Carbonate Formations of the Cuddapah Basin, India". Research carried out at IFCGR, CSIR-National Geophysical Research Institute, Hyderabad, India and degree awarded by UCESS, University of Hyderabad India in the subject area 'Earth and Space Sciences'.
- **M.Sc.:** (2007). Applied Geology: University of Kashmir, Srinagar, J & K. Gold Medal with 79.09 % marks.
- **B.Sc**.: (2005). Chemistry, Geology, and Geography: S.P. College, University of Kashmir, J & K with 68.9 % marks.
- **10+2:** (2000). Physics, Chemistry, Biology: Govt. Higher Sec School Kulgam under JK Board of School Education with 68.5% marks.
- **High School/10th:** (1998). TIAI Kanipora, Kulgam under JK Board of School Education with 72 % marks.

Teaching Experience

- Teaching PG Programmes.
- Subjects of interest: hydrogeology, hydrochemistry, environmental geology, hydrology, disaster management, climate change, sedimentology, structural geology, and RS and GIS, geophysics,.
- Guided project fellows and masters students for the mini projects, dissertations in the above fields.

Research Experience

- **Assistant Professor**, University of Kashmir, Srinagar India since **31st December 2015**.
- **CSIR Research Associate:** awarded on **1st October 2015**. Fellowship not availed.
- **Project Scientist: 25th Sep-2014 to 30th Sep-2015.** IFCGR CSIR-NGRI Hyderabad. The responsibilities were compilation and interpretation of hydrogeological data of SAPH PANI and AQUIM projects for management of groundwater resources in various parts of India.
- **Research Associate: 4th April-2014 to 24th Sep-2014.** IFCGR CSIR-NGRI Hyderabad. The responsibilities were to study the urban storm water management in pilot areas of India under 'SAPH PANI' Project (Enhancement of natural water systems and treatment methods for safe and sustainable water supply in India; Urban storm water management in Raipur). Project funded by European Commission, Grant No. 282911.
- **CSIR-UGC Junior Research Fellow (JRF)** from 13th Oct-2008 to 12th Oct-2010 **and Senior Research Fellow (SRF)** from 13th Oct-2010 to 12th Oct-2013. Indo-French Centre for Groundwater Research (IFCGR), CSIR-National Geophysical Research Institute (NGRI), Hyderabad. PhD Topic; Hydrogeological Characteristics of Carbonate Formations of the Cuddapah Basin, India. Focused on karst

geomorphological and hydrogeology, piezometric monitoring, infiltration tests, pumping tests, soil analysis and groundwater chemistry, isotope, and trace metals analysis.

- **Research Trainee from June-2008 to October-2008**: BRGM, Montpellier, France. The focus was to understand karst aquifer systems, application of different techniques, resource monitoring, sampling and analysis of hydrochemical, water level, and spring flows data around Montpellier city of France.

Field and Professional Experience

- Conducted several individual and group field surveys in different hydrogeological terrains of India such as granites, carbonates, basalts, etc. for different research projects of CSIR-NGRI.
- Knowledge of geological and hydrogeological mapping, piezometric surveys, groundwater sampling, pumping, packer, tracer, and infiltration tests, and geophysical surveys (ERT, Logging, SP, Magnetic) in the different hydrogeological terrains of Jammu and Kashmir, Ladakh, Maharashtra, Karnataka, Andhra Pradesh, Telangana, Chhattisgarh, etc.
- Knowledge of software packages: **GIS**; Arc GIS, MapInfo, Surfer, SAGA GIS, Map window, and related tools. **Modeling;** Visual MODFLOW, Rock Works, Grapher, Sigma plot, Statistica, Aquifer Pro, etc. **Hydrogeological instruments**; Drivers, Logers, Tracers, water quality meters, etc.
- Possess very good communication, presentation, and writing skills.

Professional courses

- **International Training Workshop** on Surface Geophysics for Ground water conducted between 2-12, December 2014 by USGS, World Bank, UKaid, WBADMIP at CSIR-NGRI, Hyderabad.
- **Research Traineeship**: Four months training in karst hydrogeology in the collaborative research program between India and France at BRGM, Montpellier, France between June-October 2008.
- **M.Sc. Dissertation:** Micro-morphology and Litho-stratigraphy of Loess-Palaeosol sequences of Kashmir; Significance for Pedogenesis and Paleoclimate. Master's Dissertation submitted to Department of Geology and Geophysics, University of Kashmir under the guidance of Dr. Rakesh Chandra.
- **Geological Field Tour**: One month geological field training around Udaipur and adjoining areas of Rajasthan, 2005.

Faculty Development Programms

- 2024: 2-Week (ID) Refresher Course in Environmental Sciences, 08-20th Jan. 2024 University of Jammu (Online Mode).
- 2022: 2-Week Research Methodology Course, 14-24th Sep. 2022 University of Ladakh.
- 2021: 1-Week Faculty Development Program, 15-21st Oct. 2021 University of Ladakh.
  2-Week Research Methodology Course, 15-25th April 2021 university of Ladakh.
- 2019: 2-Week Refresher Course in Earth sciences, 05-19th Dec. 2019 with A+ at Osmania University, Hyderabad, Telangana.
- 2017: 4-Week 76th General Orientation Course, 06th Sep. to 06th Oct. 2017, University of Kashmir

Awards & Fellowships

- **2-month research fellowship from Indian Science Academies** (ISA) in 2021 under the mentorship of Prof. AL Ramanathan, Jawaharlal Nehru University, New Delhi.
- **Top Student Award**. International Training Workshop on Surface Geophysics for Ground water, 2-12th December 2014, by USGS, World Bank, UKaid, WBADMIP at CSIR-NGRI, Hyderabad.
- **Research Traineeship, France**: Four months Research Traineeship at BRGM, Montpellier, France from **Jun 2008 to Oct 2008** at monthly scholarship of 700€**.**
- **CSIR-UGC JRF**: Qualified Joint CSIR-UGC Junior Research Fellow in earth, atmosphere and oceanic science in Dec 2007

- **CSIR-UGC NET:** Qualified Joint CSIR-UGC National Entrance Test in earth, atmosphere and oceanic science for eligibility for Lectureship, NET in June 2006
- **Gold Medal**: University of Kashmir (M.Sc. Applied Geology, 2005-07).
- **Topper B.Sc**.: Merit certificate from S. P. College Srinagar for topping B.Sc. 2nd Year exam of 2004.

Memberships

- International Association of Hydrogeologists (IAH, No. 144106)
- Life member of Indian Meteorological Society (IMS, LM-3200)
- Life member of Indian Society of Geomatics (ISG-L-1850)
- Member of Association of Hydrologists of India (AHI)
- Member of American Geophysical Union (AGU)
- Member of Young Earth Scientists Network (YES)
- Member of Society of Exploration Geophysicists (SEG 38606)
- Member of International Speleological Society (ISC)

Reviewer of Journals

- Review Editor, J of Frontiers in Water, Frontiers Group
- Editorial member, J of Hydrology, Science Publishing Group
- Editorial Member OMICS Group of Journals, Omics international, USA.
- Editorial Member Journal of Geography and Cartography, EnPress Publisher, USA.
- Reviewer of following national and international journals: Hydrogeology, Environmental Monitoring and Assessment Springer, J. Earth Science Research, Carbonates and Evaporites Elsevier, International Water Association, Journal of Water and Climate Change, International J. Disaster Risk Reduction, Qeios, PLOS-One, Acta Geophysica Springer, Geoheritage Springer, Arabian J. Geosciences Springer.
- Other: International J. Biodiversity and Conservation, J. Hydrogeology & Hydrologic Engineering SciTechnol, Remote Sensing Applications: Society and Environment

Projects

- Impact of Glacier Recession and Climate Change on Groundwater Dynamics in Ladakh Trans-Himalaya. MoEs, Govt. of India. Dr. Farooq Ahmad Dar (PI), Dr. Riyaz Ahmad Mir, (Po-PI NIH WHRC, Jammu) and Dr. Tanvi Arora (Po-PI CSIR-NGRI Hyderabad). **3 Year project. 116 Lakhs. Resubmitted after Minor Revision.**
- OSL Dating, Carbon Isotope and Magnetic Susceptibility studies of Lacustrine Sediments of Leh, Ladakh India: Implication on Past Climate Changes in Himalayan region. Dr. Farooq Ahmad Dar (PI). 2 years Start-up Grant under Basic Science Research (BSR) from University Grants Commission (UGC). Grant Amount: Rs. 10 Lakh. **Sanctioned: 2017-2020. UGC-BSR-FRPS-Start-up Grant, Project No. 180160142**.

Programs Organized/Coordinated

- **Coordinated/organized**, One day Tier-III Training Course on Regional Ground Water Management Issues. Central Groundwater Board (CGWB), University of Ladakh, Leh Campus. 18th June 2022.

Administrative posts held

- Warden Boys Hostel Leh Campus under University of Ladakh (Post Reorganization Act-2019).
- Chairman of Hostel Committee and Member of various committees.

Academic Field Tours Conducted

- **2024: In-Charge Field Tour**: 12-day field training of 36 students of 3rd Semester Batch 2023 of MA/MSc. Disaster Management of Department of Geography & Disaster management in the UT Ladakh.
- **2023: In-Charge Field Tour**: 11-day field training of 36 students of 3rd Semester Batch 2022 of MA/MSc. Disaster Management of Department of Geography & Disaster management in the UT Ladakh.
- **2021: In-Charge Field Tour**: 10-day field training of 09 students of 1st & 3rd Semester Batch 2021 of MSc. Geology of Department of Geology, University of Ladakh in the UT Ladakh.

- **2018: In-Charge Field Tour**: 21-day field training of 27 students of 3rd Semester Batch 2016 of MSc. Geology of Earth Sciences Department in the Karnataka State.

Publications

2025

- **Farooq A Dar**, Sajida Batool, Riyaz Ahmad Mir, Shabir Ahmad, Shakeel Ahmed. Groundwater Challenges and Solutions in Ladakh: A Case study of Lasirmou catchments of Phyang and Taru. In Ed. (Gaur M.K 2025) **Geo-environment of Ladakh. Springer, Submitted**.
- Riyaz Ahmad Mir, **Farooq Ahmad Dar**, Rayees Ahmed, Rayees Ahmad Pir, Khurshid Ahmad Lone. Declining Groundwater Quality in Urban Kashmir, India: Impact of Climate Change and Human Activities. **Water Conservation Science and Engineering, 10:93. 29 July 2025**. (**Springer IF 2.2**). https://doi.org/10.1007/s41101-025-00416-6
- Somvir Singh; **Farooq Ahmad Dar**; Imran Khan; Sanjay Kumar. Evaluating the groundwater suitability for drinking and irrigation purposes in Bhojpur district of Bihar, India. **Environmental Quality Management, 35:e70183, 1-12. 9 July 2025. (Wiley IF 1.3**). https://doi.org/10.1002/tqem.70183
- Selvam S, Subin S, Priyadarsi D. R, **Farooq A. Dar**, Akhila V. N, Muralitharan J, and Muthukumar P. Appraisal of Groundwater Potential Zones at Melur in Madurai District (Tamil Nadu State) in India for Sustainable Water Resource Management. **Water, 17(8), 1235. 21 April 2025. (MDPI IF 1.2**). https://doi.org/10.3390/w17081235
- Sarah Sarah, Waseem Shah, **Farooq A. Dar**, Tanvi Arora. Hydrochemical composition and hydrodynamics as proxies to identify the stream water sources and pathways in high-altitude catchments. **Applied Geochemistry, 183, 106344. 04 March 2025. (Elsevier IF 3.5).**

2024

- Hind Fadhil Abdullah, Iman A. Al-Ali, **Farooq A. Dar**, Osamah N. Al-Sheikh. Groundwater quality assessment and pollution sources identification using statistical analyses at Missan Governorate, Southeast Iraq. Discover Sustainability, 5:416. 16 October 2024. https://doi.org/10.1007/s43621-024-00578-8
- **Farooq Ahmad Dar**, Imran Khan, Malik Zubair Ahmad, Mamilla Venkateshwarlu. Modeling the environment and climatic conditions of Ladakh Himalaya using Quaternary sediments. Modeling Earth Systems and Environment, 10, 3495–3515. 19 Jan. 2024. (Springer **IF 0.72**). https://doi.org/10.1007/s40808-024-01965-w
- **Farooq A. Dar**, RL Ramanathan, Rayees Ahmad Pir, Reyaz Ahmad Mir. Groundwater scenario under climate change and anthropogenic stress in Ladakh Himalaya, India. J. Water and Climate Change, 15(4), 1459-1489. 23 February 2024. (Springer **IF 2.8**). doi: 10.2166/wcc.2024.307

2023

- Akhtar Rasool Mir, **Farooq Ahmad Dar** and Malik Zubair Ahmad. Characteristics of Geosites for promotion and development of Geotourism in Ladakh, India. Geoheritage 15:105. 27 July 2023. Springer **IF. 3**. https://doi.org/10.1007/s12371-023-00866-1

- Riyaz A. Mir, **Farooq A. Dar** and Khalid M. Gani. Editorial: Hydrosphere-Cryosphere Interactions in the Himalayas under Climate Change. Front. Water (Sec. Water and Climate) 5. 16 February 2023. doi:10.3389/frwa.2023.1135955.

2022

- **Farooq A. Dar**. Hydrogeological aspects of Karst and Cave Science: A case study of Southern India. In Ed. Cave Sciences: Insights from the Indian Subcontinent. National Cave Research and Protection Organization, India. 01 January 2022. ISBN-978-81-939423-0-7.
- Reyaz Ahmad Dar, Khalid Omar Murtaza, Omar Jaan Paul, Azra Un Nisa, Nida Akhter, **Farooq A. Dar**, Riyaz Ahmad Mir. River Response to Melting Cryosphere Since Late Quaternary in the Pir Panjal Range of NW Himalaya. *Front. Water* 4:879001. 29 April 2022. https://doi.org/10.3389/frwa.2022.879001.

2021

- **Farooq A. Dar**, Ghulam Jeelani, Jerome Perrin, Shakeel Ahmed. Groundwater recharge in Semi-arid Karst context, using stable Water Isotopes. Groundwater for Sustainable Development 14, 100634. 01 August 2021. **IF. 3**. https://doi.org/10.1016/j.gsd.2021.100634
- Tanvi Arora, Taufique Warsi, **Farooq A. Dar** and Shakeel Ahmed. Electrical imaging of karst terrene for managed aquifer recharge: A case study from Raipur, central India. Journal of Earth System Science, 130 (14), 2-14. 04 February 2021. **IF: 1.423.** Springer.
- Riyaz A Mir, **Farooq Ahmad Dar, Gh.** Jeelani. Chemical weathering in River Jhelum and its tributaries, Kashmir Basin, western Himalaya. Ed: Water, Cryosphere, and Climate Change in the Himalayas, A Geospatial Approach, P. 203–232. Publisher: © Springer Nature Switzerland AG 2021. ISBN 978-3-030-67931-6. https://doi.org/10.1007/978-3-030-67932-3. 25 April 2021.

2017

- Sajad Hussain Dar, **Farooq A Dar**, Asrar Amin Khan, Abid Rashid, Abdul Rashid Teli and Muzamil Bashir (2017). Biomonitoring with macrozoobenthos as a special tool to predict the water quality of Dal Lake Srinagar. The Pharma Innovation Journal 2017; 6 (11): 734-744.http://www.thepharmajournal.com/archives/?year=2017&vol=6&issue=11&ArticleId=1496. NAAS Rating 2017: 5.03. ISSN 2349-8242.
- **Farooq A Dar**, Javid Ahmad Ganai, Shakeel Ahmed, M Satyanarayanan, **2017**. Groundwater trace element chemistry of the karstified limestone of Andhra Pradesh, India. Environmental Earth Sciences, 76 (20), 673. DOI 10.1007/s12665-017-6972-3. **IF: 1.765.** ISSN 1866-6280. Accepted: 7 September 2017. Springer. **UGC Listed**
- Shakil A Romshoo, Reyaz A Dar, Khalid Omar, Irfan Rashid and **Farooq A Dar** (2017). Hydrochemical characterization and pollution assessment of groundwater in Jammu Siwaliks, India. Environmental Monitoring and Assessment 189 (3), 122. DOI 10.1007/s10661-017-5860-3. **IF: 1.679.** ISSN 0167-6369. Accepted: 15 February 2017. Springer. **UGC Listed**

2016

- Riyaz Ahmad Mir, Gh Jeelani & **Farooq A Dar** (2016). Spatio-temporal patterns and factors controlling the hydrogeochemistry of the river Jhelum basin, Kashmir Himalaya. Environmental Monitoring and Assessment, 188; 438. DOI 10.1007/s10661-016-5429-6. **IF: 1.679**. ISSN 0167-6369. Accepted: 14 June 2016. Springer. **UGC Listed**

- **Farooq A Dar**, T Arora, T Warsi, A R Devi, M Wajihuddin, G Grutzamer, N Bodhankar and S Ahmed, 2016. 3-D Hydrogeological Model of Limestone Aquifer for Managed Aquifer Recharge in Raipur of Central India. Carbonates and Evaporites, 31,72. DOI: 10.1007/s13146-016-0304-7. **IF: 0.974.** ISSN 0891-2556. Accepted: 29 March 2016. Springer. **UGC Listed**

2015

- **Farooq A Dar**, R Rangarajan, D Muralidharan and S Ahmed, 2015. Recharge Rate to a Carbonate Aquifer Using Soil Water Balance and Tritium Data: A Case Study from Southern Andhra Pradesh, India. Journal of Indian Geophysical Union, 19, 4, 401-413. http://www.igu.in/19-4/3paper.pdf. **IF: 0.3.** ISSN 0971-9709. Accepted: 15 October 2015. **UGC Listed**
- Selvam S, **Farooq A Dar**, Magesh N. S., Singaraja C., Venkatramanan S. & Chung S. Y., 2015. Application of remote sensing and GIS for delineating groundwater recharge potential zones of Kovilpatti Municipality, Tamil Nadu using IF technique. Earth Sci. Informatics. 9:137–150. DOI 10.1007/s12145-015-0242-2. **IF: 1.524**. ISSN 1865-0473. Accepted: 7 October 2015. **UGC Listed**

2014

- Allu China Narayana, M G Yadava, **Farooq A. Dar** and Rengaswamy Ramesh, 2014. The Spectacular Belum and Borra Caves of Eastern India. V. S. Kale (ed.), Landscapes and Landforms of India, World Geomorphological Landscapes. Chapter 19, ISBN: 978-94-017-8028-5. 189-194. DOI: 10.1007/978-94-017-8029-2_19. Springer Dordrecht Heidelberg New York London. ISSN 2213-2104. Accepted: 5 May 2014.
- **Farooq A. Dar**, Jerome Perrin, Shakeel Ahmed, Allu China Narayana, Jean Riotte, 2015. Hydrogeochemical Evolution of Groundwater: A Study from Semi-arid Karst Aquifer of Kurnool District, Andhra Pradesh, India. Arab J Geosci. 8, 5, 2739-2750. DOI 10.1007/s12517-014-1440-9). **IF: 1.152**. ISSN 1866-7511. Accepted: 29 April 2014. Springer. **UGC Listed**
- **Farooq A. Dar**, Jerome Perrin, Shakeel Ahmed, Allu China Narayana, 2014. Review: Carbonate Aquifers and Future Perspectives of Karst Hydrogeology in India. Hydrogeology J. 22, 7, 1493–1506. DOI: 10.1007/s10040-014-1151-z. **IF. 1.675.** ISSN 1431-2174. Accepted: 28 April 2014. Springer. **UGC Listed**
- Shakeel Ahmed, Tanvi Arora, S Sarah, **Farooq A. Dar**, Tarun Kumar Gaur, Taufique Warsi and P. Raghuvendar, 2014. Viewing Sub-Surface for an effective Managed Aquifer Recharge from a Geophysical Perspective. Chapter 18 In Thomas Wintgens, Anders Nättorp, Elango Lakshmanan and Shyam R. Asolekar (Eds.) Natural Water Treatment Systems for Safe and Sustainable Water Supply in the Indian Context: Saph Pani, IWA Publishing, Alliance House, 12 Caxton Street, London, UK. ISBN:9781780408385. ISSN:9781780408392. DOI: 10.2166/97817880408392. Accepted July 2016.

2013

- Sahebrao Sonkamble, Subash Chandra, E. Nagaiah, **Farooq A. Dar**, V. K. Somvanshi & Shakeel Ahmed, 2013. Geophysical signatures resolving hydrogeological complexities over hard rock terrain-a study from Southern India. Arab. J. Geosci., 7, 6, 2249-2256. DOI 10.1007/s12517-013-0931-4. **IF: 1.152**. ISSN 18656-7511. Accepted: 15 March 2013. Springer. **UGC Listed**
- **D.** Purushotham, Mehnaz Rashid, Mahjoor A Lone, A. Narsing Rao, Shakeel Ahmed, E. Nagaiah and **Farooq A. Dar**, 2013. "Environmental Impact Assessment of Air and Heavy Metal Concentration in Groundwater of Maheshwaram Watershed, Ranga Reddy District, A.P. India. Journal of the Geological

Society of India, 81, 385-396. DOI: 10.1007/s12594-013-0049-z. **IF: 0.994**. ISSN 0016-7622. Accepted: 3 March 2013. Springer. **UGC Listed**

2012

- Fakhre Alam, Rashid Umar, Shakeel Ahmed and **Farooq A. Dar**, 2012. A new model (DRASTIC-LU) for evaluating groundwater vulnerability in parts of central Ganga Plain, India. Arab J Geosci. 7, 3. DOI 10.1007/s12517-012-0796-y. **IF. 1.152.** ISSN 1866-7511. Accepted: 29 November 2012. Springer. **UGC Listed**

2011

- **Farooq A. Dar**, J. Perrin, J. Riotte, H. D. Gebauer, A. C. Narayana and S. Ahmed, 2011. Karstification in the Cuddapah Sedimentary Basin, Southern India: Implications for Groundwater Resources. Acta Carsologica, 40(3), 28-42**.** DOI: http://dx.doi.org/10.3986/ac.v40i3.5. **IF. 0.756.** ISSN 1580-2612. Accepted: 8 March 2011. Postojna (Slovenia). **UGC Listed**

Policy Documents

- **2016.** Alexandra Boisson, Dhanamadhavan S, Elango Lakshmanan, **Farooq A. Dar**, et al., (July 2016). Report on field investigations on the performance of MAR techniques under the conditions in India (Deliverable D2.3). Saph Pani Project, Enhancement of natural water systems and treatment methods for safe and sustainable water supply in India. Project supported by the European Commission within the Seventh Framework Programme Grant agreement No. 282911. DOI: 10.13140/RG.2.2.34677.78563. July 2016.
- **2015.** Tanvi Arora, **Farooq A. Dar**, Wajihuddin, Taufique Warsi, R Rangarajan, Shakeel Ahmed, Alexandra Boisson and G Grutzmacher (March 2015). Hydrological and Geophysical investigations for enhances recharge to a dugwell at NGRI Hyderabad, India. A technical report prepared under the 'SAPH PANI Project (EU Grant Agreement no. 282911). CSIR-NGRI, Hyderabad. NGRI Technical Report: NGRI-2015-GW-884, March, 2015.
- **2015.** Tanvi Arora, **Farooq A. Dar**, Rama Devi, Tarun K Gaur, P Raghuvendar, Ninad Bodhankar, N C Ghosh, Shakeel Ahmed and G Grutzmacher (March 2015). Feasibility of managed aquifer recharge in karst aquifers of Raipur through hydro-geophysics. A technical report prepared under the 'SAPH PANI Project (EU Grant Agreement no. 282911). CSIR-NGRI, Hyderabad. NGRI Technical Report: NGRI-2015-GW-883, March, 2015.
- **2012. Farooq A. Dar**, T.K., Gaur, N. Rana, and S. Ahmed, (2012). Technical Report on Geological Reconnaissance and Geophysical (VES) Survey in Raipur Urban Area for Artificial Recharge to Groundwater- A technical report prepared under the 'SAPH PANI Project (EU Grant Agreement no. 282911). NGRI Technical Report: NGRI-2013-GW, March, 2013.

Conferences

- **2023.** Sajida Batool*, **Farooq A Dar**, Riaz MK Khan. Are groundwater resources of Ladakh sustainable under climate change and anthropogenic activities? 3-Day International Conference on Sustainable Development Goals with Special Focus on Climate Action. Islamic University of Science & Technology, J&K. 8-10th August 2023.
- **2022. Resource Person**. Delivered a lecture on Groundwater depletion as a hazard in Ladakh. Regional Training Programme on Environment Sector & Disaster Management. National Institute Of Disaster Management (Ministry of Home Affairs, Government of India) New Delhi, University of Ladakh & G.B. Pant National Institute of Himalayan Environment (Leh Branch). 02-04th August-2022.
- **2022.** Attended three days 6th National Geo-Research Scholars Meet-2022. Wadia Institute of Himalayan Geology, Dehradun at University of Ladakh, Ladakh. 7th to 10th June 2022.

CURRICULUM VITAE-FAROOQ

- **2022.** *Attended 36th International Geological* Congress (Virtual) from 20th-22nd March 2022 at FICCI Bike Platform.
- **2021.** Riyaz Ahmad Mir, **Farooq A. Dar (presenter)** and Khurshid Ahmad lone. Understanding the behavior of groundwater quality in parts of Srinagar district, using geospatial techniques. National Conference (Online) on climate change and pathways to self-reliant India: Opportunities and challenges for sustainable development. Department of Geography, Jamia Millia Islamia, New Delhi. 15-16th March, 2021.
- **2020. One-day international webinar** on Dam and Network Safety Assurance, on 10th September 2020. Organized by ICID-CIID and Aqua Foundation Academy New Delhi, India.
- **2018. Farooq A. Dar**. 13th JK Science Congress. 2-4th April 2018. University of Kashmir, J and K. Coordinated as Rapporteur of several sessions.
- **2017. Farooq A. Dar**, Jerome Perrin, Shakeel Ahmed, AC Narayana. Groundwater resources in karst aquifers of India: Insights using multiple approaches. 12th JK Science Congress. 2-4th March 2017. University of Jammu, J and K.
- **2014. Farooq A. Dar**. Recharge estimation methodology in carbonate aquifer of India. 4th International Conference on Hydrology and Watershed Management. 29th Oct-1st November-2014, Jawaharlal Nehru Technological University, Hyderabad, India.
- **2014. Farooq A. Dar.** Attended SAPH PANI Project meeting and conference. 17-20th September-2014, India Habitat Center, New Delhi, India.
- **2014. Farooq A. Dar**, A. Boisson and Shakeel Ahmed. Some critical aspects to consider in recharge assessment in limestone (karst) aquifers. 3rd International Conference on Hydrology & Meteorology. September 15-16, 2014, HICC, Hyderabad, India.
- **2014.** Warsi, T., **Farooq A. Dar**, Sarah, S., Arora, T. and Ahmed, S. Assessing feasibility of limestone aquifer for Managed aquifer recharge, presented at 3rd international conference on Hydrology & Meteorology (OMICS Group). September 15-16, 2014, HICC, Hyderabad, India.
- **2014. Farooq A. Dar**, Shakeel Ahmed, Jerome Perrin. Importance of karst resources of Kurnool district, Andhra Pradesh India for management and sustainability of groundwater resources and food security. 3rd Young Earth Scientists (YES) congress. 11-14th August-2014, MJNICC, Dar Es Salaam, Tanzania. Thanks to YES and International Association for Mathematical Geosciences (IAMG) for Travel Grant of 1000 USD.
- **2013. Farooq A. Dar**, Shakeel Ahmed, A.C Narayana. Exploring new resources of groundwater in Karst Formation of Andhra Pradesh. National Conference on Water Resources Management, Nov. 29-30, 2013, University of Hyderabad. **Second prize** in oral presentation.
- **2013. Farooq A. Dar**, Shakeel Ahmed, A.C Narayana, Jerome Perrin. Groundwater in Karst Aquifers: What has been achieved from India? A. P. Science Congress- Nov. 14-16, 2013. University of Hyderabad, India.
- **2013**. Attended Intergraph Users' Conference 2013 on GIS and its applications. Hyderabad, India.
- **2012. Farooq A. Dar**, Shakeel Ahmed, Jerome Perrin, A.C Narayana; Development of Hydrogeological thoughts in disregarded Karst Lithologies: A Case Study from Southern Andhra Pradesh, India. Fifth International Groundwater Conference (IGWC-2012) December 18-21, 2012. Aurangabad, Maharashtra, India.
- **2012. Farooq A. Dar**. Participation in 3rd Annual Syposium of IGCP-581. Response of Asian Rivers to Climate Change- Past, Present and Future Scenario, 14-16 Nov. 2012, CSIR-NGRI, Hyderabad.

- **2012. Farooq A Dar**, Fakhre Alam, Shakeel Ahmed. Hydrogeological scenario of India. 2nd Indo-Tunisian Joint International workshop on Science and Technology" organized by CSIR-NGRI, MOWS, DST GOI, 1-5th Feb, 2012 at IFCGR, CSIR-NGRI, India.
- **2011. Farooq A. Dar,** J. Perrin, S. Ahmed, A. C. Narayan; Hydrogeology of carbonate rocks: an example from semi-arid southern India". IGU 48th Annual Convention and Meeting, 20-22 December 2011, Vishakhapatnam, India.
- **2011. Farooq A. Dar**, J. Perrin, S. Ahmed and A. C. Narayana; Karst Aquifers: A Promising Groundwater Resource in Scarcity Context. Discovering their Hydrogeological Potential in Semi-arid Southern India. Vth WAC (Exhibition & Conference), 16-18th Nov. 2011, New Delhi, India.
- **2010. Farooq A. Dar**, J. Perrin, and S. Ahmed; Geomorphology and Hydrogeology of the Belum Karst Aquifer, Southern Andhra Pradesh, India. 7th AOGS Conference, 5-9th July 2010, Hyderabad, India.
- **2009. Farooq A. Dar.** Attended Joint International Convention (JIC) of 8th IAHS Scientific Assembly and 37th IAH congress during September, 2009 at Hyderabad, India.

Training & Workshops Attended

- **Three-day Regional Training** Programme on Environment Sector & Disaster Management. National Institute Of Disaster Management, University of Ladakh & G.B. Pant National Institute of Himalayan Environment (Leh Branch). 02-04th August-2022.
- Webinar on MOOCs Development and Delivery. University of Ladakh, 12th March 2022.
- **One-day online workshop** on planning and organizing research using Elsevier tools: Science Direct, Scopus and Mendeley. Department of Bioresources, University of Kashmir and Elsevier. 26th April 2020
- Two-days Workshop on Seismic hazard and crustal deformation studies in J&K state. Department of Earth Sciences and CSIR-4th Paradigm Institute, Bangalore. 01th to 02th August 2018.
- **One-week training** programme on Psychosocail Care in Disaster Management. Department of Geography & Regional Development University of Kashmir and National Institute of Disaster Manageemnt (NIDM) New Delhi. 25th to 29th September 2017.
- **Two-week International Training Workshop** on Surface Geophysics for Ground water. USGS, World Bank, UKaid, WBADMIP at CSIR-NGRI, Hyderabad. 2-12th December 2014.
- **Course on Open Access Publishing**. Open Access Academy, Springer, 2014. Certificate of Completion
- Two-days national workshop on Mineral Exploration Techniques, Challenges and Strategies. UCESS, University of Hyderabad. 22-23th March 2011.
- One-day national workshop on Modelling and Simulation: Applications to Earth Sciences. Sir C.V.Raman Auditorium, University of Hyderabad. 20th March 2010.
- Seminar on "Climate Change and Water Resources" 8-9th November 2010. UCESS, University of Hyderabad.
- One-day International Workshop on Earth Sciences. Academia Sinica, Taipei, Taiwan and Centre for Earth and Space Sciences, 31st October 2011, University of Hyderabad.

Academics Visits outside India

Montpellier, France (2008)

Dar Es Salaam, Tanzania (2014)

Professional Referees

1) **Dr. Shakeel AHMED,** Ex-Chief Scientist and Ex-Team Leader, Indo-French Centre for Groundwater Research National Geophysical Research Institute (CSIR-NGRI), Hyderabad, 50007, INDIA. shakeelifcgr@gmail.com
2) **Dr. Jerome PERRIN,** Hydrogeologist, BRGM, Avenue Claude Guillemin, BP 36009, 45060 Orleans Cedex 02, France. jerome.perrin@romandie.com

3) **Prof. Ghislain De MARSILY,** Emeritus Professor, Universite Pierre et Marie Curie, Laboratoire de Geologie Appliquee, Paris. Cedex, France. gdm@ccr.jussieu.fr
4) **Prof. A C NARAYANA,** Ex-Professor, UCESS, University of Hyderabad, Gachibowli, Hyderabad, India, 500046. acnes@uohyd.ernet.in
5) **Dr. Shakil A ROMSHOO,** Professor and VC Islamic University of Kashmir, Ex-Dean Research, University of Kashmir, 190006. shakilrom@yahoo.com

Personal information

Date of Birth	20th May. 1984
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