

DANISH BINT E MEHMOOD

Environmental Scientist, Teacher, and Researcher

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Rawalpindi, Pakistan.

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OBJECTIVE

To obtain a full time position as an Environmental Officer in a reputable organization.

QUALIFICATION

ACADEMIC

Feb.2019-Dec.2020	MS Environmental Sciences Bahria University, Islamabad, Pakistan (http://bahria.edu.pk) Gold Medal
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Feb.2014-Dec.2017	BS Environmental Sciences Bahria University, Islamabad, Pakistan (http://bahria.edu.pk) 3 times Rector Honor.
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RESEARCH

MS Thesis Research Topic	Bahria University Islamabad Campus (BUIC) Pakistan Future projections of climate change and impact assessment in rain-fed Potohar region, Pakistan using CMIP5 models.
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BS Thesis Research Topic	Bahria University Islamabad Campus (BUIC) Pakistan Past trends of atmospheric variables using era interim and future projections of temperature and precipitation using statistically downscaled model CCSM4 on Muree, Pakistan.
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PROFESSIONAL EXPERIENCE

PRIVATE

Organization Worked as Period	Self Employed (http://bahria.edu.pk) Environmental Content Writer and Research Editor Since Sep. 2019
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Organization Worked as Period	Allied Consultants Pakistan (http://alliedconsultants.org.pk) Environment and Quality Consultant (Green Buildings Project-DHA Islamabad) Dec. 2024-Mar.2026
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Organization Worked as Period	NNCG GROUP Pakistan (http://nncg.pk) Environment and Quality Consultant Aug. 2022-Sep. 2024
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Organization Worked as Period	Shouq Education System (Sir Syed Chowk Rawalpindi) Science Teacher Sep. 2023-Mar. 2025
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Organization	Greenage Services/Agroponics Pakistan (http://agroponics.pk)
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PUBLIC

Worked as	Environmental Scientist
Period	Jun.2022-Jun.2022
Organization	Pakistan Meteorological Department (PMD), Islamabad, Pakistan. (http://www.pmd.gov.pk)
Worked as	Research Assistant in final year thesis (Full time)
Period	Feb.2020-Feb.2022
Organization	Pakistan Meteorological Department (PMD), Islamabad, Pakistan(http://www.pmd.gov.pk)
Worked as	Assistant Meteorologist (Internship) (Full time)
Period	Jul.2017-Aug.2017

SKILLS

Computer Skills	Google Suit, MS Office, Arc GIS, QGIS
Technical skills	Presentation Skills, Report Writing, Survey, Data collection, Data Analysis
Personal Skills	Communication, Diligent, Motivated, Strong minded, Organized
Languages	Punjabi, Urdu, English

CONFERENCES

- **Global Youth Conference on Climate Action and Sustainability**/September 2025/Eco friend Global Movement.
- **Green Skill Program: Empowering Future Leaders for Sustainable Impacts**/ September 2025/Eco Friend Global Movement.
- **National Experts' Consultation on From Challenges to Action: Safeguarding Pakistan's Natural Wealth for Climate Security and Sustainability Prosperity/SDPI/2025**
- **From Fragility to Resilience Enhancing Sustainable Development**/ 2024 /Sustainable Development Policy Institute Pakistan.
- **Pakistan Renewable Energy Summit**/ 2019/ World Wind Energy Association and Global 100% RE.
- **Science-Policy Conference on Climate Change**/ 2017/ US Pakistan Centre for Advanced Studies in Water.
- **Geo-Spatial Science and CPEC Challenges**/ 2016/ COMSATS University Islamabad Pakistan
- **Conference for the preservation of Ozone layer**/ 2016/ Pakistan National Council of Arts Islamabad Pakistan
- **First International Conference on Biomass Gasification Technologies**/ 2016/ NUST University Islamabad Pakistan
- **Sustainable Development Conference** / 2015/ Sustainable Development Policy Institute Pakistan.

WORKSHOPS CERTIFICATES

- **Empowering Women in Geospatial Information Technology**/9-12 Jul., 2024/International Centre for Integrated Mountain Development Kathmandu, Nepal.
- **First training workshop on Maritime affairs**/24-28Jun.2024/National Institute of Maritime Affairs, Bahria University Islamabad, Pakistan.
- **Media training workshop on Climate extremes with emphasis on health impacts**/5- 6th Oct .2022/Global Climate change Impact Study Centre, Islamabad, Pakistan.
- **Introduction to Climate Modeling**/ Instructor Prof. Michelle/1st Aug-3rd Dec. 2022/UNIFEI, Itajuba, Brazil, South America.
- **Basics of GIS**/ Instructor Kubaib Abuzar/ Feb. 2018-May.2018/ Bahria University Islamabad Campus (BUIC), Pakistan.
- **Introduction to Climate change Assessment Soft wares**/ Bahria University Climate change Centre,

Islamabad, Pakistan.

PUBLICATIONS

Journals

- Bint-e-Mehmood, D., Awan, J. A., & Farah, H. (2023). Modelling temperature and precipitation variabilities over semi-arid region of Pakistan under RCP 4.5 and 8.5 emission scenarios. Modeling Earth Systems and Environment, 1-13. Web of Science rank: W.

Conferences

- Bint-e-Mehmood, D., Hassan, A., & Dawood, B. (2018). Past trends of atmospheric variables using era interim and future projections of temperature and precipitation using statistically downscaled model CCSM4 on Muree, Pakistan, Climate change day in Bahria University Islamabad, 27th December 2018. Publisher: BUIC Library Bugle Magazine

VOLUNTEER WORKS

- Give free tuition to little schools' students.
- Environmental Awareness

REFERENCES

Meteorologist Farooq Dar

Pakistan Meteorological Department

farooqdarpk@gmail.com

Lead Researcher Dr. Kanwar Javed Iqbal (Mentor)

National Institute of Maritime Affairs, Bahria University

kanwar.javediqbal@gmail.com