
SUMMARY

A committed environmental scientist with a bachelor's and a master degree in Environmental science. Enthusiastic about applying scientific knowledge to address important climate-related challenges. My objective is to contribute to a dynamic academic environment by delivering high-quality instruction, mentoring students in research projects, and cultivating a passion for environmental conservation. I aim to inspire the next generation of scholars to engage in sustainable practices and contribute meaningfully to environmental stewardship.

PROFESSIONAL EXPERIENCE

Bahria University | *Visiting Faculty*

E-8 Campus Islamabad | *Currently working*

- Teaching *Environmental Science* to undergraduate students.
- Designing lectures, and assessments to enhance students' understanding of environmental science concepts. Integrating real-world case studies to demonstrate the impact of environmental issues.

Pakistan Meteorological Department | *Paid-Intern*

Islamabad | *March 2024 – June 2025*

- Gained proficiency in specialized agricultural decision-support tools, including CROPWAT, CLIMWAT, ETo Calculator, and ArcGIS. Developed operational Python codes that used decadal data to create maps.
 - Analyzed weather data to assess its impact on agriculture, contributing to the creation of decadal and monthly agrometeorological bulletins at the NAMC Section
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EDUCATION

PMAS Arid Agriculture University | *M.Phil. Environmental Sciences*

Rawalpindi | *2021 – 2023*

- **CGPA:** 3.85
- **Research Topic:** Biotreatment of Azo dyes Using Microalgae and Subsequent Bioenergy Production.

PMAS Arid Agriculture University | *BS Environmental Sciences*

Rawalpindi | *2017 –2021*

- **CGPA:** 3.75

Govt Comp Girls Higher Sec School | *Fsc pre-medical*

Rawalpindi | *2015 –2017*

- **Percentage:** 73%

Govt Comp Girls Higher Sec School | *Metric (science)*

Rawalpindi | *2013 –2015*

- **Percentage:** 80%

CERTIFICATIONS

- Certificate of participation in Small business startup and management workshop.
- Certificate of participation as an Event organizer in National Environmental Mela 2023.
- Participation in conference on reimagining plastic and renewable solutions to Environmental degradation.

Achievements

- Scholarship (2021)
- Scholarship (2015)

SKILLS



Technical Skills

- AQUACROP
- CROPWAT
- CLIMWAT
- ArcGIS
- Eto Calculator
- Python



Software Proficiency

- MS (Word, Excel, PowerPoint)



Communication skills and Interpersonal

- Language proficiency (Oral and Written): English, Urdu.
- Thrive in a team environment.
- Responsible, organized and punctual

