

# Dr. Muhammad Fawad (Environmental Scientist)



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**STRIVE NOT TO BE A SUCCESS, BUT  
RATHER TO BE OF VALUE —ALBERT  
EINSTEIN**



## ACADEMIC QUALIFICATION

Degree	Year	Institute	Division
<b>Ph.D.</b> (Environmental Sciences)	2021	COMSATS University Islamabad	1 <sup>st</sup>
<b>M.Phil.</b> (Environmental Sciences)	2014	University of Peshawar	1 <sup>st</sup>
<b>M.Sc.</b> (Environmental Sciences)	2007	University of Peshawar	1 <sup>st</sup>
<b>B.Sc.</b> (Biological Science)	2005	University of Peshawar	1 <sup>st</sup>
<b>F.Sc.</b> (Pre-Medical)	2003	B.I.S.E Peshawar	1 <sup>st</sup>
<b>S.S.C</b> (Science)	2000	B.I.S.E Peshawar	1 <sup>st</sup>

## PROFESSIONAL QUALIFICATION

Qualification	Year	Institute	Division
<b>Bachelor's</b> in education (Sciences)	2008	University of Peshawar	1 <sup>st</sup>
<b>Post Graduate Diploma</b> (Geographic information System)	2008	University of Peshawar	1 <sup>st</sup>
<b>Post Graduate Diploma</b> (Disaster Management)	2009	University of Peshawar	1 <sup>st</sup>

## PROFESSIONAL EXPERIENCE

Designation	Duration	Organization
Lecturer	12-01-2012 till Date	The University of Haripur
Environmental Teacher	2010-2011	Environmental Protection Agency (KP)
Monitoring Inspector	2008-2010	Environmental Protection Agency (KP)

## PROFESSIONAL DUTIES PERFORMED

- ❖ Environmental Monitoring, Environmental Awareness, Review of IEE/EIA reports, PC-1 preparation for different developmental projects at Environmental Protection Agency
- ❖ Teaching and Research
- ❖ In-Charge social work activities of the University
- ❖ Administrative duties including student's affairs, procurement, and HR at the University
- ❖ Member of different academic and administrative bodies of the University

## MAJOR SUBJECTS/RESEARCH AREA

- ❖ Climatology
- ❖ Geographic Information System
- ❖ Remote Sensing
- ❖ Disaster Preparedness and Management
- ❖ Environmental Education
- ❖ Environmental Impact Assessment (EIA)
- ❖ Environmental Laws and Regulations
- ❖ Environmental Geology
- ❖ Land use Planning and Management
- ❖ Analytical Hierarchy Process (AHP)
- ❖ Waste Management

## PH.D. RESEARCH WORK

Analytical Hierarchy Process and Geospatial Based Site Suitability Analysis for Marble Waste Management

## RESEARCH PUBLICATIONS

- ❖ Effect of Cyclic Phytoremediation with Different Wetland Plants on Municipal Wastewater.
- ❖ Impacts Of Land Cover Changes on Soil Physical Properties in Galliyat, Pakistan.
- ❖ Impacts of the Marble Waste Slurry on Ground Water Quality and Its Reuse Potential
- ❖ Pollution hotspots and potential impacts on land use in the Mohmand Marble Zone, Pakistan.
- ❖ An integrated approach towards marble waste management: GIS, SFA, and recycling options.
- ❖ Biorational Control of *Callosobruchus maculatus* (Coleoptera: Bruchidae) in Stored Grains with Botanical Extracts.
- ❖ Marble waste site suitability assessment using the GIS-based AHP model.
- ❖ Characterization of Heavy Metals in Soil as Affected by Different Land Uses in Northern Pakistan.

## REFERENCES

Reference	Particulars
Dr. Abid Farid (Professor/Dean)	Faculty of Physical and Applied Sciences, The University of Haripur Email: <a href="mailto:abidfarid@uoh.edu.pk">abidfarid@uoh.edu.pk</a>
Dr. Azhar Rashid (Professor/Chairman)	Department of Environmental Sciences, The University of Haripur Email: <a href="mailto:azhar.rashid@uoh.edu.pk">azhar.rashid@uoh.edu.pk</a>
Dr. Farid Ullah (Professor/Chairman)	Department of Environmental Sciences, COMSATS University Islamabad, Abbottabad Campus. Email: <a href="mailto:faridullah@cuiatd.edu.pk">faridullah@cuiatd.edu.pk</a>