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<b>Designation</b>		<b>Assistant Professor</b>		
<b>Department</b>		<b>Environmental Science</b>		
<b>Research Profile</b>		ORCID ID: <a href="https://orcid.org/0000-0002-0525-8639">https://orcid.org/0000-0002-0525-8639</a>		
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<b>Qualification</b>				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2023	<b>Post-Doctorate</b>	University of Chinese Academy of Sciences, Beijing, China	Environmental Science	
2016	<b>PhD</b>	Hohai University, Nanjing, China	Environmental Science	
2011	<b>MS/ Mphil</b>	Federal Urdu University of Arts, Science and Technology, Karachi, Pakistan	Environmental Science	
2008	<b>Graduation</b>	Kohat University of Science and Technology, Kohat, Pakistan	Biological Sciences	
<b>Publications in HEC Recognized journals</b>				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
1	Application of canonical correspondence analysis to determine the ecological contribution of phytoplankton to PCBs bioaccumulation in Qinhuai River, Nanjing, China	Environmental Science and Pollution Research (IF= 5.8)	International	2014
2	Simulation analysis of release kinetic of organochlorine pesticides from hydragric acrisols influenced by low-molecular weight organic acids leaching	Desalination and Water Treatment (IF=1.1)	International	2015

3	Effects of different water seasons on the residual characteristics and ecological risk of polycyclic aromatic hydrocarbons in sediments from Changdang Lake, China	Journal of Chemistry ( <b>IF=0.3</b> )	International	2016
4	Effects of irrigation and drainage modes on the residual characteristics of heavy metals in soil	CLEAN–Soil, Air, Water ( <b>IF= 2.4</b> )	International	2016
5	Impacts of channel morphology on residues and ecological risks of polychlorinated biphenyls in water and sediment in Chahe Riverwat	Water Science and Engineering ( <b>HEC Recognized</b> )	International	2016
6	Evaluation of heavy metals pollution in water and sediments of Changdang Lake, China	Journal of Biodiversity and Environmental Sciences	International	2017
7	Nutrients Removal Efficiency Assessment of Constructed Wetland for the Rural Domestic Wastewater Growing Distinct Species of Vegetation	Journal of Environmental & Analytical Toxicology ( <b>IF=1.3</b> )	International	2018
8	Dissipation characteristics of pyrene and ecological contribution of submerged macrophytes and their biofilms-leaves in constructed wetland	Bioresource Technology ( <b>IF=11.4</b> )	International	2018
9	Rural Domestic Wastewater Treatment by Small-scale Horizontal Subsurface Flow Constructed Wetlands at Different Temperatures	Applied Ecology and Environmental Sciences	International	2019
10	Inactivation of Fecal Coliform Indicator Microorganisms in a Constructed Wetland under Diverse Environmental Conditions	International Journal of Advances in Science Engineering and Technology ( <b>IF=3.14</b> )	International	2019
11	Comparison of floating-bed wetland and gravel filter amended with limestone and sawdust for sewage treatment	Environmental Science and Pollution Research ( <b>IF=5.8</b> )	International	2019

12	Bioaccumulation Efficacy of Heavy Metals in Body Organs of Rainbow (Oncorhynchus Mykiss) And Brown (Salmo Trutta Fairo) Trouts of Gilgit-Baltistan	International Journal of Innovations in Science and Technology ( <b>HEC Recognized</b> )	International	2021
13	Distribution and eco-toxicological risk characteristics of polycyclic aromatic hydrocarbons in water from Changdang Lake, China	Journal of Biodiversity and Environmental Science	International	2022
14	Contamination and human health risk assessment of toxic trace elements in drinking water of Gilgit-Baltistan, Pakistan	Pertanika Journal of Science and Technology ( <b>IF=0.6</b> )	International	2022
15	Evaluation of heavy metal contamination in indigenous fruits and associated human health risk: evidence from Fuzzy-TOPSIS approach	Global NEST Journal ( <b>IF=1.1</b> )	International	2022
16	Analysis on the Substitution of Perfluoro-Octane Sulphonates in Foam-Based Extinguishing Agents in China	Sustainability ( <b>IF=3.9</b> )	International	2023
17	Occurrence and formation mechanism of PCDD/Fs and SCCPs in chlorinated paraffin products	Environmental Science and Technology ( <b>11.4</b> )	International	2023
18	A review of distribution and profiles of HBCD in different environmental media of China	Molecules ( <b>IF=4.9</b> )	International	2023
19	Unintentional persistent organic pollutants in cremation process: Emissions, characteristics, and inventory	Science of the Total Environment ( <b>IF=10.7</b> )	International	2024
20	Assessing the Risk of Organophosphate Esters from Nail Polish: Indoor Emissions, Fate Modeling, and Health Risk Assessment	Environmental Science and Technology/Air ( <b>IF=11.4</b> )	International	2024
21	Organophosphate Ester Exposure in Nail Salons: Health Implications for Workers	Environmental Pollution ( <b>IF= 7.6</b> )	International	2024
<b>Paper Presented</b>				
S. No	Title of Paper	Name of Conference	National/International	Date

<b>Books Authored/ Edited</b>				
S. No	Name of book	Publisher	ISBN	
<b>Work Experience</b>				
S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held
1	March 1, 2018	To date	Department of Environmental Science, BUIITEMS, Quetta, Pakistan	Assistant Professor
2	March 1, 2023	Nov 30, 2023	College of Resources and Environment, University of Chinese Academy of Science, Beijing, China	Visiting Scientist
3	August 15, 2017	Feb 28, 2018	Department of Environmental Science, BUIITEMS, International Islamic University, Islamabad, Pakistan	Assistant Professor
4	Sep 1, 2012	Dec 22, 2016	College of Environment, Hohai University, Nanjing, China	PhD Research Scholar
5	Sep 1 2015	Feb 28, 2016	New Channel English Language Center, Nanjing, China	Teacher
6	Feb 1, 2011	July 30, 2011	Engro Polymer and Chemical Limited (EPCL), Karachi	Lab Engineer
<b>Area of specialization</b>			Environmental Science	
<b>Research Interest</b>			Organic Pollution (POPs such as PAHs, PCBs, PCDD/Fs, SCCPs, HBCD, PFOS etc.) and heavy metals monitoring, risk assessment and treatment etc.	
<b>Future Research Plans</b>			In-depth study of the selected POPs in different Environmental Media	
<b>HEC Approved supervisor</b>			yes	
<b>If yes, provide HEC URL</b>			<a href="http://sc.hec.gov.pk/aphds/">http://sc.hec.gov.pk/aphds/</a>	
<b>Research grants/ Projects</b>			<p>1- Rs. 0.5 million for the project entitled "Status and Toxicological Risk Characteristics of Phthalate Acid Esters in Groundwater of Rawalpindi City, Pakistan" under Startup Research Grant Program by HEC, Pakistan, (2017).</p> <p>2) Rs. 0.17 million for the project entitled "Characterization and mobility of major and trace elements in groundwater of Quetta city Pakistan" under ORIC research grant program, BUIITEM, Quetta. (2019).</p>	

<b>Awards</b>	

1: 2010-**Gold medal** award on getting first position in Master of Environmental Sciences, by FUAAST, Karachi, Pakistan

2: 2012-**Chinese Government Scholarship (CSC)** award for PhD studies in Environmental Sciences in Hohai University, Nanjing, China

3: 2023-**President's International Fellowship Initiative (PIFI)** award for the post-doctoral research (Visiting Scientist) by the Chinese Academy of Sciences in the University of Chinese Academy of Science (UCAS), Beijing, China.