

# Abdul Qadir, PhD

## Professor of Environmental Sciences

College of Earth and Environmental Sciences, University of the Punjab, Lahore, Pakistan.

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**Google Scholar:** <https://scholar.google.com.pk/citations?user=zUdsPAsAAAAJ&hl>

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### Education

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| 2004 - 2010 | <b>PhD Biology (Environmental Biology)</b><br>Department of Biological Sciences, Section Environmental Biology<br>Quaid-i-Azam University, Islamabad, Pakistan |
| 1995-1997   | <b>M.Sc. &amp;M.Phil. Zoology (Ecology)</b>  |
| 1998 - 2000 | Department of Zoology and Fisheries, University of Agriculture,<br>Faisalabad, Pakistan  |

### Employment

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|------------------------------|----------------------------|
| ▪ <b>Professor</b>           | <i>May 2024 – to date.</i> |
| ▪ <b>Associate Professor</b> | <i>May 2019 – May 2024</i> |
| ▪ <b>Assistant Professor</b> | <i>May 2011 – May 2019</i> |
- College of Earth and Environmental Sciences, University of the Punjab, Lahore, Pakistan.
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|-------------------|------------------------------|
| ▪ <b>Lecturer</b> | <i>March 1999 – May 2011</i> |
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- Punjab Education Department, Govt. of the Punjab.

### Advisory/Administrative Services

University of the Punjab, Lahore, Pakistan.

- Member, Academic Council, University of the Punjab, Lahore (May, 2024- to date).
- Member, Senate, University of the Punjab, Lahore (May, 2024- to date).
- Member Faculty Board (Sciences, 2013 to 2021).
- Member Faculty Board (Geosciences, 2021 to date).
- Member, Departmental Doctoral Program Committee, Center of Integrated Mountain Research (CIMR), University of the Punjab, Lahore
- Member, Departmental Tenure Review Committee, CIMR, University of the Punjab, Lahore

College of Earth and Environmental Sciences, University of the Punjab.

- Coordinator PhD Environmental Science Program (2012 – 2024)
- Member of Board of Studies (06-03-2015 to 05-03-2018).
- Member of Purchase Committee (2011- to date)
- Member of Doctoral Program Committee (DPC) (2012 to date)

### **Community Services Outside the University**

- Member Panel of Expert, Smog, Environment Protection Department, Govt. of the Punjab, Lahore
- Member Panel of Expert, Plastic pollution, Environment Protection Department, Govt. of the Punjab, Lahore
- Member, BOS Environmental Sciences, GC Women University Sialkot,
- Member National Curriculum Revision Committee (Environmental Sciences), HEC Level Three years, 2013-15.
- Member, BOS Environmental Sciences, Quaid-e-Azam University Islamabad 2018-21.
- Member, BOS Environmental Sciences, Lahore College for Women University, Lahore, 2019-22.
- Member Departmental Tenure Committee, Department of Environmental Sciences, UVAS, Lahore. 2020- to date.

### **Research Expertise**

- Plastic Pollution
- Freshwater Ecology
- Environmental Toxicology
- Climate Change
- Biodiversity & conservation
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### **Research Supervision:**

- PhD produced: 15
- MS produced: 64

### **Scholarly Statistics**

<i>Journal Publications:</i>	103	<i>Book Chapters:</i>	7
<i>Conference papers/presentation:</i>	48	<i>Impact Factor:</i>	300
<i>Paper Citation:</i>	3846	<i>H index:</i>	31
<i>H<sub>10</sub> index:</i>	74	<i>Projects completed:</i>	14

### **Conferences Organizer:**

- Conference Secretary: Incharge Scientific / Technical Committee, Editor Abstract Book 2018
- Member Organizing Committee, Incharge Scientific / Technical Committee, Editor Abstract Book 2020
- Member Organizing Committee, Incharge Scientific / Technical Committee, Editor Abstract Book 2022
- Organizer: Plastic Pollution Free Pakistan, Series of Awareness Webinars (Hybrid Events) July 1st, 8th & 29th, 2021.

### **Technical Expert**

- External Reviewer HEC and PSF Project
- Reviewer, Several International Impact Factor Research Journals

### **Memberships and Review Work**

- Zoological Society of Pakistan
- Pakistan Wildlife Foundation
- WWF Pakistan

## **Research Projects**

1. Surveillance and Effects of Plastic Pollution on **Ecological Integrity of River Ravi and Chenab, Pakistan**. 2018, NRPU, HEC, **Rs. 11,300,000/-**
2. Evaluation of spider web as potential indicator of air borne contaminants in the Punjab, Pakistan Principal Investigator, **Rs. 150,000/-** University of the Punjab, Lahore. 2015-16
3. Assessment of Some Selected Organic pollutants in Human Blood and Hairs in different Areas of Lahore District, Pakistan, Principal Investigator, **Rs. 150,000/-** University of the Punjab, Lahore, 2014-15
4. Effects of Persistent Organic Pollutants on Cotton-Pickers Women in Khanewal District, Pakistan, Principal Investigator, **Rs. 150,000/-** University of the Punjab, Lahore, 2013-14.
5. Urban Environmental Degradation at Lahore with reference to change in Bird Assemblage, Principal Investigator, **Rs. 150,000/-** University of the Punjab, Lahore, 2012-13.
6. Impacts of human activities on Macroinvertebrate diversity in highly polluted River Ravi, Pakistan, Principal Investigator, **Rs. 150,000/-** University of the Punjab, Lahore. 2011-12.
7. A feasibility study to assess situation for protecting native fish species through sustainable harvest of carnivorous trout species in cold waters of Gilgit-Baltistan (Completed) Six Month (2015) WWF Pakistan

## **Refereed Research Paper**

### **2025**

1. Akhtar, N; Tahir, A; Abbas, M; **Qadir**, A.,2025, Monitoring of indoor microbial air quality of dental healthcare units in Lahore, Air Quality, Atmosphere & Health, 1-17.
2. William,G; Saqib, Z; **Qadir**, A; Naeem, N; Brohi, MA; Kamran, A; Rafique, A; 2025. Assessing the vulnerability of wintering habitats for the red-listed Asian Houbara (*Chlamydotis macqueenii*) using climate models and human impact assessments. Avian Research 16 (1), 100221
3. Chishty, RK; Tahir, A; **Qadir**, A; Nasir,AH; Arshad, M; Khan, N; 2025. Innovative pilot-scale mechanical assembly for efficient removal of microplastics from wastewater: a sustainable solution. International Journal of Environmental Science and Technology, 1-18.

### **2024**

4. N Akhtar, A Tahir, M Abbas, N Zaman, **A Qadir**, M Arshad (2024). Temporal trends in indoor bioaerosols: implications for dental healthcare environments. International Journal of Environmental Health Research, 1-13
5. A Tahir, N A Abbasi, C He, S R Ahmad, M Baqar, **A Qadir**, (2024). Spatial distribution and ecological risk assessment of short and medium chain chlorinated paraffins in water

and sediments of river Ravi, Pakistan. *Science of the Total Environment* 926, 171964

6. A Tariq, SR Ahmad, **A Qadir**, (2024). Nesting material adaptation of native bird species with anthropogenic litter along an urbanization gradient in Pakistan. *Environmental Research* 249, 118435
7. Khalid, N.A. Abbasi, N. Jamil, J.H. Syed, S.R. Ahmad, **A. Qadir**, (2024). Level of polychlorinated biphenyls in tumor and blood serum of breast cancer patients and control subjects from Punjab, Pakistan. *Science of The Total Environment* 926, 171908
8. KS Din, MF Khokhar, SI Butt, **A Qadir**, F Younas, (2024). Exploration of microplastic concentration in indoor and outdoor air samples: Morphological, polymeric, and elemental analysis. *Science of the Total Environment* 908, 168398
9. HH Iqbal, A Siddique, **A Qadir**, SR Ahmad, M Liess, N Shahid, (2024). Human health and ecology at risk: a case study of metal pollution in Lahore, Pakistan. *Environmental Sciences Europe* 36 (1),
10. Aamir Ibrahim, Bingyao Chen, Imran Ali, Hassan Ali, Javed Ahmed Maher, Abdul ... (2024). Diversity and Conservation of Cetaceans in Pakistan. *Pakistan Journal of Zoology*
11. S Mukhtar, A Asad, M Mumtaz, AU Saeed, **A Qadir**, SR Ahmad, (2024). Role of knowledge and attitude of public and private school students for plastic pollution awareness, usage, and management in Lahore, Pakistan. *Journal of Material Cycles and Waste Management* 26 (1), 175-183
12. M Aslam, SR Ahmad, Z Imtiaz, HM Umar Aslam, M Baqar, **A Qadir**, (2024). Risk assessment of microplastics in fish assemblage based on ecological preferences in an interconnected and polluted river system. *Human and Ecological Risk Assessment: An International Journal* 29 ;7-8
13. S Aslam, A Khurram, R Hussain, **A Qadir**, SR Ahmad, (2024). Sources, distribution, and incipient threats of polymeric microplastic released from food storage plastic materials. *Environmental Monitoring and Assessment* 195 (6), 638

## 2023

14. S Hafeez, **A Qadir**, M Aslam, HMU Aslam, MS Rehmat, SR Ahmad, (2023). Environmental risks of microplastics on the spatial and temporal gradient in a river originating from the western Himalayas. *Environmental Toxicology and Chemistry* 42 (3), 727-739
15. S Tahir, **A Qadir**, M Mumtaz, N Jamil, M Baqar, AU Saeed, N Khan, ... (2023). Signature tracing of PCBs congeners in breastmilk of mothers living in selected urban centers of Pakistan. *Human and Ecological Risk Assessment: An International Journal* 29 (1), 1-18
16. F Khalid, MZ Hashmi, N Jamil, **A Qadir**, AA Reka, Z Ahmed (2023). Application of wetland plants in the remediation of polychlorinated biphenyls in contaminated soils. *Arabian Journal of Geosciences* 16 (1), 54

17. S Sana, A **Qadir**, NP Evans, M Mumtaz, A Javaid, A Khan, SR Kashif, ... (2023). Human health risk surveillance of polychlorinated biphenyls in bovine milk from alluvial plain of Punjab, Pakistan, *Environmental Science and Pollution Research* 30 (5), 12965-12978
18. M Bilal, A **Qadir**, A Yaqub, HU Hassan, M Irfan, M Aslam,(2023). Microplastics in water, sediments, and fish at Alpine River, originating from the Hindu Kush Mountain, Pakistan: implications for conservation. *Environmental Science and Pollution Research* 30 (1), 727-738

2022

19. Tahir, S; **Qadir**, A; Mumtaz, M; Jamil, N; Baqar, M; Saeed, AU; Khan, N; & Halbrook, R (2022).Signature tracing of PCBs congeners in breastmilk of mothers living in selected urban centers of Pakistan. *Human and Ecological Risk Assessment*, DOI:10.1080/10807039.2022.2140026
20. Batool, I; **Qadir**, A Levermore, JM, Kelly FJ, 2022. Dynamics of airborne microplastics, appraisal and distributional behaviour in atmosphere; a review. *Science of The Total Environment* 806, 150745 **IF: 7.963**
21. Zaman, M. H., Mustafa, G., Sheikh, M. A., **Qadir**, A., Shahid, S. U., & Abbasi, N. A. (2022). A multi-tissue biomonitoring investigation of toxic trace elements and their trophic transfer potential in a semi aquatic bird species, the Cattle Egret (*Bubulcus ibis*). *Chemosphere*, 300, 134582. **IF:7.086**
22. Aslam, M., **Qadir**, A., Hafeez, S., Aslam, H. M. U., & Ahmad, S. R. (2022). Spatiotemporal dynamics of microplastics burden in River Ravi, Pakistan. *Journal of Environmental Chemical Engineering*, 10(3), 107652. **IF:5.876**
23. S Sana, A **Qadir**, NP Evans, M Mumtaz, A Javaid, A Khan, SR Kashif, ...(2022). Human health risk surveillance of polychlorinated biphenyls in bovine milk from alluvial plain of Punjab, Pakistan. *Environmental Science and Pollution Research*, 1-14 **IF:5.12**
24. M Bilal, A **Qadir**, A Yaqub, HU Hassan, M Irfan, M Aslam.(2022). Microplastics in water, sediments, and fish at Alpine River, originating from the Hindu Kush Mountain, Pakistan: implications for conservation. *Environmental Science and Pollution Research*, 1-12 **IF:5.12**
25. Ashraf, M., Zeshan, M., Hafeez, S., Hussain, R., **Qadir**, A., Majid, M., ... & Ahmad, S. R. (2022). Temporal variation in leachate composition of a newly constructed landfill site in Lahore in context to environmental pollution and risks. *Environmental Science and Pollution Research*, 1-15. **IF:4.223**
26. Aslam, I., **Qadir**, A., & Ahmad, S. R. (2022). A preliminary assessment of microplastics in indoor dust of a developing country in South Asia. *Environmental Monitoring and Assessment*, 194(5), 1-16. **IF:2.513**
27. Tariq, Z., Irfan, M., & **Qadir**, A. (2022). Barrages Influencing Microplastics Distribution and Ingestion; A Case Study. *Carpathian Journal of Earth and Environmental Sciences*, 17(1), 179-186. **IF:1.347**
28. Khalid, F., **Qadir**, A., Hashmi, M. Z., Mehmood, A., Aslam, I., Zhang, G., & Ahmed, Z. (2022). Evaluation of ceiling fan dust as an indicator of indoor PCBs pollution in selected

cities of Punjab, Pakistan: implication on human health. *Arabian Journal of Geosciences*, 15(9), 1-12. **IF:1.827**

29. M Shafiq, A **Qadir**, N Hussain, S Firdous, M Naeem, SR Ahmad .(2022). Appraisal of Acute Oral LD50 of Flonicamid and Ameliorative Effects of Selected Vitamins on Hepato Toxicity of Exposed Rabbits. *Polish Journal of Environmental Studies* 1494 **IF:1.87**

## 2021

30. Sana S, **Qadir A**, Mumtaz M, Evans NP, Ahmad SR (2021). Spatial trends and human health risks of organochlorinated pesticides from bovine milk; a case study from a developing country, Pakistan. *Chemosphere*, 130110 **IF:7.086**
31. Aslam I, Baqar M, **Qadir A**, Mumtaz M, Li J, Zhang G (2021). Polychlorinated biphenyls in indoor dust from urban dwellings of Lahore, Pakistan: Congener profile, toxicity equivalency, and human health implications. *Indoor Air* **IF:5.770**
32. Taufeeq, A., Baqar, M., Sharif, F., Mumtaz, M., Ullah, S., Aslam, S., **Qadir, A.**, Majid, M. and & Jun, H. (2021). Assessment of organochlorine pesticides and health risk in tobacco farming associated with River Barandu of Pakistan. *Environmental Science and Pollution Research*, 1-18. **IF:4.223**
33. Azeem, A., Ahmed, S. R., **Qadir A.** and Hussainy, A. S. (2021). Predictive Habitat Suitability Modelling of *Axis porcinus* (Hog Deer) Under Current and Future Climate Change Scenarios in Punjab, Pakistan. *Applied Ecology and Environmental Research*. 2 (4), 3181-3201 **IF:0.711**
34. Javaid, A., Ahmad, S. R., Mahmood, R., Mahmood, K., **Qadir, A.**, & Batool, R. (2021). Depletion risks of essential trace metals in a transboundary drain and its surrounding soil using GIS techniques. *Pakistan Journal of Agricultural Sciences*, 58(4), 1215-1221. **IF:0.748**
35. Khalid F, Hashmi MZ, Jamil N, **Qadir A**, Ali MI (2021). Microbial and enzymatic degradation of PCBs from e-waste-contaminated sites: a review. *Environmental Science and Pollution Research*, 1-14 **IF:4.223**
36. Aslam I Mumtaz, M, **Qadir A**, Jamil N, Baqar M, Mahmood A, Ahmad SR, ... (2021). Organochlorine pesticides (OCPs) in air- conditioner filter dust of indoor urban setting: Implication for health risk in a developing country, *Indoor air* **IF:5.770**
37. GM Rashid, MH Ali, A Butt, A QadirA cross-sectional study on knowledge, attitude and practices related to owls in central Punjab, Pakistan *Ornis Hungarica* 29 (1), 66-81**IF:0.7**
38. Kausar F, **Qadir A**, Ahmad SR, Baqar M, Sardar F (2021). Evaluation of River Chenab water quality with respect to its users, using different classification schemes *Water Supply* 20 (8), 2971-2987

## 2020

39. Rafique A, Irfan M, Mumtaz M, **Qadir A** (2020). Spatial distribution of microplastics in soil with context to human activities: a case study from the urban center. *Environmental Monitoring and Assessment* 192 (11), 1-13 **IF: 2.513**



40. Naqvi, A., **Qadir, A.**, Mahmood, A., Baqar, M., Aslam, I., Sajid, F., ... & Zhang, G. (2020). Quantification of polychlorinated biphenyl contamination using human placenta as biomarker from Punjab Province, Pakistan. *Environmental Science and Pollution Research*, 1-12. **IF: 3.306**
41. Rashid, GM, Butt A, **Qadir A**, Ali MH (2020). Avian assemblage along an urban gradient: diversity, abundance and richness. *Ornis Hungarica* 28 (1), 49-64 **IF: 0.42**
42. Tasneem, F., Abbasi, N. A., Chaudhry, M. J. I., Mashiatullah, A., Ahmad, S. R., **Qadir, A.**, & Malik, R. N. (2020). Dietary proxies ( $\delta^{15}\text{N}$ ,  $\delta^{13}\text{C}$ ) as signature of metals and arsenic exposure in birds from aquatic and terrestrial food chains. *Environmental Research*, 183, 109191. **IF: 5.026**
43. Javaid A, Yousaf W, Ahmad SR, **Qadir A** (2021). Application of pollution indices for the assessment of heavy metal hazards in soil using GIS approach. *Arabian Journal of Geosciences* 13, 1212 **IF: 2.513**
44. Irfan, M., **Qadir, A.**, Mumtaz, M., & Ahmad, S. R. (2020). An unintended challenge of microplastic pollution in the urban surface water system of Lahore, Pakistan. *Environmental Science and Pollution Research*, 1-13. **IF: 3.306**
45. Ali, S. N., Baqar, M., Mumtaz, M., Ashraf, U., Anwar, M. N., **Qadir, A.**, ... & Jun, H. (2020). Organochlorine pesticides in the surrounding soils of POPs destruction facility: source fingerprinting, human health, and ecological risks, assessment. *Environmental Science and Pollution Research*, 27(7), 7328-7340. **IF: 3.306**
46. Ullah, R., Asghar, R., Baqar, M., Mahmood, A., Alamdar, A., **Qadir, A.**, ... & Eqani, S. A. M. A. S. (2020). Assessment of polychlorinated biphenyls (PCBs) in the Himalayan Riverine Network of Azad Jammu and Kashmir. *Chemosphere*, 240, 124762. **IF: 5.108**
47. MM Arif, A Qadir, SR Ahmad, M Baqir, M Irfan Occupational Stress among Medical and Paramedical Staff in Tertiary Care Hospitals Based on Observational Study Pakistan Journal of Public Health 10 (4), 231-241

## 2019

48. Shafiq, M. **Qadir A**, Ahmad SR (2019). Biofortification: A Sustainable Agronomic Strategy to Increase Selenium Content and Antioxidant Activity in Garlic. *Applied Ecology and Environmental Research*; 17:(2), 1685-1704. **IF: 0.51**
49. Kausar F, **Qadir A**, Ahmad SR, Baqar M. (2019). Evaluation of Surface Water Quality on Spatiotemporal Gradient using Multivariate Statistical Techniques: A Case Study of River Chenab, Pakistan, *Polish Journal of Environmental Studies* 28 (4), 2645-2657. **IF: 1.186**
50. Rizwan, M, Atta, B Sabir AM, Yaqub M, **Qadir, A** (2019). Evaluation of the entomopathogenic fungi as a non-traditional control of the Rice leaf roller, *Cnaphalocrocis medinalis* (Guenee; Lepidoptera: Pyralidae) under controlled conditions; *Egyptian Journal of Biological Pest Control* 29 (1), 10 **IF: 0.386**
51. Javaid, A Ahmad SR, **Qadir A** (2019). Health Risk Surveillance of Arsenic in Wastewater, Groundwater, and Agricultural Land along Hudaira Drain, Pakistan Using GIS Techniques; *Polish Journal of Environmental Studies* 28(2):681–692 **IF: 1.186**
52. M Shafiq, S Firdous, Q Irfan, SJ Khan, A Qadir

Study the Effect of Heating Process on Nutritional, Phytochemical and Antioxidant Activity of Mandarin Peel: Implication for Waste Management: Effect of Heating Process on ...Journal of Scientific Research 11 (3), 365-372

53. F Nadeem, N Jamil, A Moazzam, SR Ahmad, A Lateef, A Khalid, A Qadir, ...Synthesizing and characterizing Sawdust biochar/Fe<sub>3</sub>O<sub>4</sub> nanocomposites and its potential application in textile wastewater treatment, Polish Journal of Environmental Studies 28 (4), 2311-2319
54. M Shafiq, A Qadir, SR Ahmad, Biofortification: A sustainable agronomic strategy to increase selenium content and antioxidant activity in Garlic Appl. Ecol. Environ. Res 17 (2), 1685-1704

## 2018

55. Naqvi, A., **Qadir, A.**, Mahmood, A., Baqar, M., Aslam, I., Sajid, F., ... & Zhang, G. (2018). Quantification of polychlorinated biphenyl contamination using human placenta as biomarker from Punjab Province, Pakistan. *Environmental Science and Pollution Research*, 1-12. **IF: 3.306**
56. Kanwal, Q., **Qadir, A.**, Iqbal, H. H., & Munir, B. (2018). Healing potential of *Adiantum capillus-veneris* L. plant extract on bisphenol A-induced hepatic toxicity in male albino rats. *Environmental Science and Pollution Research*, 1-9. **IF: 3.306**
57. Majeed, S., Rashid, S., **Qadir, A.**, Mackay, C., & Hayat, F. (2018). Spatial patterns of pollutants in water of metropolitan drain in Lahore, Pakistan, using multivariate statistical techniques. *Environmental monitoring and assessment*, 190(3), 128. **IF: 1.959**
58. Batool, I. **Qadir A.**, Zaheer M., Jamil N. & Wasim A., (2018). Evaluation of Antibiotic Residues in Broiler Chicken Collected from Some Cities of Punjab, Pakistan. *Proc. Pakistan Congr. Zool.*, Vol. 38, pp. 81-95, **IF: 0.750**

## 2017

59. Naqvi, A., **Qadir, A.**, Mahmood, A., Mumtaz, M., Aslam, I., & Zhang, G. 2017. Assessment of polychlorinated biphenyls (PCBs) in maternal blood serum from selected districts of Punjab, Pakistan. *Punjab Univ. J. Zool.*, Vol. 32 (2), pp. 251-264, **IF: 0.750**
60. Baqar, M., Sadeq, Y., Ahmad, S. R., Mahmood, **A., Qadir, A.**, Aslam, I., ... & Zhang, G. (2017). Occurrence, ecological risk assessment, and spatio-temporal variation of polychlorinated biphenyls (PCBs) in water and sediments along River Ravi and its northern tributaries, Pakistan. *Environmental Science and Pollution Research*, 1-18. **IF: 3.306**
61. Baqar, M., Arslan, M., Sadeq, Y., Mahmood, A., **Qadir, A.**, & Ahmad, S. R. (2017). Persistent organic pollutants: potential threat to ecological integrities in term of genotoxicity and oxidative stress. *Human and Ecological Risk Assessment: An International Journal*, 23(6):1-23. **IF: 2.300**
62. Ghalib, A., **Qadir, A.**, & Ahmad, S. R. (2017). Evaluation of Developmental Progress in Some Cities of Punjab, Pakistan, Using Urban Sustainability Indicators. *Sustainability*, 9(8), 1473. **IF: 2.592**
63. Khanum, K. Baqar, M. **Qadir, A.** Mumtaz, M. Tahir, A. Jamil, N. Mahmood A.: 2017. Heavy Metal Toxicity and Human Health Risk Surveillances of Wastewater Irrigated



Vegetables in Lahore District, Pakistan. Carpathian Journal Of Earth and Environmental Sciences, 12(2):403-412. **IF: 1.306**

64. Iqbal, H. H.; Shahid N., **Qadir A.**, Ahmad, S. R. Ashraf M. R., Arshad H. M., Masood N. (2017). Hydrological and Ichthyological Impact Assessment of Rasul Barrage, River Jhelum, Pakistan. Polish Journal of Environmental Studies, 26(1):107-114. **IF: 1.186**

## 2016

65. Jamil, N. Baqar, M. Ahsan, N. Khanum, K. **Qadir, A.** Zameer, M. Khalid A. (2016) Heavy Metal Toxicity in Wastewater Irrigated Peri- Urban Agricultural Areas of Lahore, Pakistan; A Case Study. Transylvanian Review 12/; XXIV(12):3304 - 3313. **IF: 0.07**
66. Yasmeen, H. **Qadir, A.**, M. Mumtaz, S. A. M. A.S. Eqani, J. H. Syed, A. Mahmood, N. Jamil, F. Nazar, H. Ali, M. S. Ahmad, Z. I. Tanveer, G. Zhang: Risks Profile and Health Vulnerability of Cotton Picker's Women by Organochlorine Pesticides (Ocps) from Southern Punjab, Pakistan. Environmental Toxicology and Chemistry 09/2016;, DOI:10.1002/etc.3633 **IF: 3.179**
67. Jamil, N., Baqar M., Ilyas S., **Qadir A.**, Arslan M., Salman M., Ahsan N., Zahid H, 2016 Use of Mercury in Dental Silver Amalgam: An Occupational and Environmental Assessment. BioMed Research International (1):1-9. **IF: 2.276**
68. Yousaf, B. Amina, Liu, G. Wang, R. Imtiaz, M. Rizwan M.S., Zia-ur-Rehman, M. **Qadir A.**, Si Y. 2016. The importance of evaluating metal exposure and predicting human health risks in urban-periurban environments influenced by emerging industry. Chemosphere 150:79-89. **IF: 5.108**
69. Nazeer, S., Hashmi, M. Z. Malik, R. N. **Qadir, A.** Ahmed, A. Ullah, K. 2016. Integrative assessment of Western Himalayas streams using multimetric index. Ecological Indicators 04/2016; 63:386-397. **IF: 4.229**
70. Yousaf, B., Amina, Liu, G. Wang, R. **Qadir, A.** Ali, M. U. Kanwal, Q. Munir, B. Asmatullah, Abbas Z., 2016. Bisphenol A exposure and healing effects of Adiantum capillus-veneris L. plant extract (APE) in bisphenol A-induced reproductive toxicity in albino rats. Environmental Science and Pollution Research 23(12):11645-11657 **IF: 3.306**
71. Mehmood, A., A. Mahmood, S. A. M. A. S. Eqani, N. Bibi, **A. Qadir**, J. Li, G. Zhang, 2017. A review on emerging persistent organic pollutants: Current scenario in Pakistan. Human and Ecological Risk Assessment, 23:1, 1-13. **IF: 2.300**
72. Mumtaz, M., Mehmood, A. **Qadir, A.** Mahmood, A. Malik, R. N. Sabir, A. M. Li, J. Zhang G, 2016.: Polychlorinated biphenyl (PCBs) in rice grains and straw; risk surveillance, congener specific analysis, distribution and source apportionment from selected districts of Punjab Province, Pakistan. Science of the Total Environment 543(Pt A):620-627. **IF: 6.551**

## 2015

73. Alam, N., S. R. Ahmad, **A. Qadir**, M. I. Ashraf, C. Lakhan, V C. Lakhan: Use of statistical and GIS techniques to assess and predict concentrations of heavy metals in soils

- of Lahore City, Pakistan. Environmental Monitoring and Assessment. 187(10):636 **IF: 1.959**
74. Yousaf A., **Qadir, A.** Anjum, T. Ahmad A. (2015). Identification of microbial metabolites elevating vitamin contents in barley seeds Journal of Agricultural and Food Chemistry 63, 32, 7304–7310. **IF: 3.154**
  75. Yousaf, A., **Qadir, A.**, Anjum, T., & Ahmad, A. (2015). Transcriptional modulation of squalene synthase genes in barley treated with PGPR. Frontiers in plant science, 6, 672. **IF: 4.298.**
  76. Yousaf A, chaudhry N, **Qadir A**, Ahmad A (2015). Frequency of Hepatitis C in Multiple Transfused Children at Sir Ganga Ram Hospital (S.G.R.H) Lahore, Pakistan. J Trop Dis 3: 156. doi:10.4172/2329891X.1000156.
  77. Nadeem, M., Aftab, M. U., Irfan, M., Mushtaq, M. **Qadir, A.** & Syed, Q. (2015) Production of ethanol from alkali-pretreated sugarcane bagasse under the influence of different process parameters, Frontiers in Life Science, 8(4):358-362 **IF: 1.54**
  78. Akram A, Khan HAA, **Qadir A**, Sabir AM (2015) A Cross-Sectional Survey of Knowledge, Attitude and Practices Related to Cutaneous Leishmaniasis and Sand Flies in Punjab, Pakistan. PLoS ONE 10(6): e0130929. doi:10.1371/journal. one.0130929 **IF: 3.154**
  79. Mumtaz, M., **Qadir, A.**, Mehmood, A., Mehmood, A., Malik, R., N., Li, Jun., Yousaf, Z., Jamil, N., Shaikh, I. A., Habib, Ali. & Zhang G. (2015). Human health risk assessment, congener specific analysis and spatial distribution pattern of organochlorine pesticides (OCPs) through rice crop from selected districts of Punjab Province, Pakistan, Science of the Total Environment, 511 (2015) 354–36 **IF: 6.551**
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### **Book Chapters**

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2. Aslam, H. M. U., **Qadir, A.**, Ahmad, A., Aslam, M., Mumtaz, M., & Ahmad, S. R. (2022). Impacts of Plasticizers on Riverine Ecological Integrity in Context to Sustainability Challenges. In *Microplastic Pollution* (pp. 323-346). Springer, Cham.
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4. M Irfan, **A Qadir**, H Ali, N Jamil, SR Ahmad (2019). Vulnerability of Environmental Resources in Indus Basin After the Development of Irrigation System; Irrigation-Addressing Past Claims and New Challenges
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6. **Qadir, A.**,M. Z. Hashmi, A. Mahmood: *Xenobiotics, Types, and Mode of Action*. M.Z. Hashmi et al. (eds.), Xenobiotics in the Soil Environment, Soil Biology 49,, 01/2017; Springer International Publishing AG 2017., DOI:10.1007/978-3-319-47744-2\_1
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### **Research Papers Presentations in Scientific Conferences**

1. Abdul Qadir, Mehmood Aslam, Saba Hafeez, Muhammad Salman Rehmat, Hafiz Umar Aslam, Muhammad Irfan, Mehvish Mumtaz and Sajid Rashid Ahmad. Surveillance of Plastic Pollution on Ecological Integrity of River Ravi and River Chenab, Pakistan\*’ March 04-06, 2020 Organized by COLLEGE OF EARTH & ENVIRONMENTAL SCIENCES University of the Punjab Lahore Lahore-54590, Pakistan
2. Abdul Qadir and Sajid Rashid Ahmad Occupational Stress Assessment among Medical and Paramedical Staff an Tertiary Care Hospitals based an Observational Study Muhammad Maaz Arif, \* March 04-06, 2020 Organized by College Of Earth & Environmental Sciences University of the Punjab Lahore Lahore-54590, Pakistan
3. Rizwan Ullah, Rehana Asghar, Adeel Mahmood, Mujtaba Baqar, Abdul Qadir, Syed Ali Musstjab Akber Shah Eqani Apportioning of Selected Heavy Metals in Environmental Strata of Ajk, Pakistan March 04-06, 2020 Organized by College of Earth & Environmental Sciences University of the Punjab Lahore Lahore-54590, Pakistan
4. Fareena Jamshaid, Abdul Qadir and Rizwan Aziz Health and Environmental Risks Awareness of Artificial Sweeteners in Selected Population March 04-06, 2020 Organized by College Of Earth & Environmental Sciences University of the Punjab Lahore Lahore-54590, Pakistan
5. Mehvish Mumtaz, Abdul Qadir and Huang Jun Pioneer Assessment Report Of Per-And Polyfluoroalkyl Substances (PFASS) from Textile Wastewater In The Vicinity Of Lahore District, Pakistan \*
6. Anwar, S.A., Chaudhary, F.A. Abbas, H., Kamran, M. and Qadir A Phytoparasitic Nematodes In Sustainable Agriculture \* March 04-06, 2020 March 04-06, 2020 Organized by College Of Earth & Environmental Sciences University of the Punjab Lahore Lahore-54590, Pakistan
7. \*Abdul Qadir, Farman Ahmad Chaudhary and Rizwan Aziz Preferences and Trends in Consumption of Organic Agricultural Products Based on Socio-Economic Classes Kainat Khan, March 04-06, 2020 Organized by Organized by College Of Earth & Environmental Sciences University of the Punjab Lahore Lahore-54590, Pakistan
8. \*Abdul Qadir, Muhammad Irfan and Mehvish Mumtaz Assessment of Microplastic Pollution in Water, Sediments and Fishes Collected from Balloki Barrage, River Ravi Zainab Tariq, March 04-06, 2020 Organized by College Of Earth & Environmental Sciences University of the Punjab Lahore Lahore-54590, Pakistan
9. Marriam Mohsin, Zeenat Ashraf, \*Abdul Qadir and Mateen Abbas March 04-06, 2020 Prevalence of Bisphenol A in Dairy Products Consumed in Punjab, Pakistan Organized by College of Earth & Environmental Sciences University of the Punjab Lahore Lahore-54590, Pakistan
10. Umaid Hassan, Kanza Anwar, Anum Aslam and \*Abdul Qadir A Preliminary Estimation of Plastic Consumption Per Capita Using Plastic Calculator March 04-06, 2020 Organized by College of Earth & Environmental Sciences University of the Punjab Lahore Lahore-54590, Pakistan



11. Muhammad Irfan, Abdul Qadir, Mehvish Mumtaz and Sajid Rashid Ahmad Challenge of Microplastic Pollution in Drainage System of Lahore Pakistan March 04-06, 2020 Organized By COLLEGE OF EARTH & ENVIRONMENTAL SCIENCES University of the Punjab Lahore Lahore-54590, Pakistan
12. Third International Conference on Innovative Biological and Public Health Research (IBPHR, 2019), Organized by Department of Zoology, GC University, Lahore. **14 Nov, 2019**
13. Ahmad, A. Baig A, **Qadir, A** Jamil N. and Kiran, S. 2017. Risk assessment of chromium, lead and cadmium in feed, water and feather of some captive birds at Lahore zoo Pakistan Eb 2 oral. First International Conference on emerging trends in Earth and Environmental Sciences, March 9-10, Organized by College of Earth & Environmental Sciences (CEES), University of the Punjab Lahore. March 9-10, Organized by College of Earth & Environmental Sciences (CEES), University of the Punjab Lahore
14. Mahmood, A. **Qadir, A.** Li, J. Zhang, G. 2017. Polybrominated diphenyl ethers (PBDES) and dechloran plus (DP) from some metropolitan cities of Pakistan: screening levels risk assessment, congener profile and spatial tendency. First International Conference on emerging trends in Earth and Environmental Sciences, March 9-10, Organized by College of Earth & Environmental Sciences (CEES), University of the Punjab Lahore. EB 12 Oral. March 9-10, Organized by College of Earth & Environmental Sciences (CEES), University of the Punjab Lahore.
15. Javaid, A. Ahmad, S. R. **Qadir A** and Rashid Mahmood, 2017. Spatial Assessment of Groundwater for Irrigational Use Along the Hudaira Drain, Lahore EB 12 Oral. March 9-10, First International Conference on emerging trends in Earth and Environmental Sciences, March 9-10, Organized by College of Earth & Environmental Sciences (CEES), University of the Punjab Lahore. Organized by College of Earth & Environmental Sciences (CEES), University of the Punjab Lahore.
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20. Sabir, A. M., M. Akhter, **Qadir, A.** M. Rizwan and M. Asghar, 2017. Menace of rice planthoppers in the Punjab, Pakistan. 37th Pakistan Congress of Zoology (International). GCU, Fsd., Pak., February 28- March 2, Abstr. PC- 60, pp: 372.
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22. **Qadir, A.** Khan, B. Hussain I. and R. Ali. Existing Potential of fisheries resources in lakes and streams of Gilgit Batistan (GB) and prospects for its sustainable conservation ICMCC-A-043. International Conference on Mountains and Climate Change September 17-19, 2015 KIU
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24. Sabir, A. M., M. Akhter, **A. Qadir**, I. Haider, M. Rizwan and Samta Zia. Feeding behavior of leaf folder *Cnaphilocrosis medinalis* Gn. and rice germplasm preference. 34th Pakistan Congress of Zoology (Intern.), BZU, February 25- 27PC 15. Pp132-135
25. **Qadir. A.**, S. A. Anwar, N. Jamil & A. M. Sabir, 2013. Potential effects of human and climate change on freshwater resources in Pakistan. Understanding Freshwater Quality Problems in a Changing World Proceedings of H04, IAHS-IAPSO-IASPEI Assembly, Gothenburg, Sweden, July 2013 IAHS Publ. 361: 329 - 335. (Proceedings)
26. Sabir, A. M., M. Akhter, I. Haider, M. Rizwan and **A. Qadir**, 2013. Field Evaluation of Rice Germplasm on the Basis of Feeding Behaviour of Leaf folder (*Cnaphloerosis medinalis* Gn.). Intern. Confer. Crop Management in Changing Climate" February 11-13, Univ. Agric., Faisalabad, Pakistan. Pp: 167.
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28. **Qadir, A.**, NS; Bhatti, NS; Ali, H; Suchentrunk, F; Anwar, S. 2012. Accumulation of chromium, lead and cadmium in *Lepus nigricollis* distributed in Punjab, Pakistan. Source:- 4th World Lagomorph Conference; July 23-27; Vienna, Austria. Boku-Reports on Wildlife Research and Game Management. 20: 101-10.
29. Anwar, S., N. S. Bhatti, **A. Qadir**, N. Jamil And S. A. Anwar, 2012. Diversity and distribution of earthworms in urban areas of Lahore, Pakistan. FEWFM-103. 32<sup>nd</sup> Pakistan

Congress of Zoology (International Congress) March 6 – 8, 2012 held at GC University, Lahore.

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32. Sabir, A.M. Akhter, M., Haider I. and **Qadir A.** 2012. Khapra Beetle: A Menace For Rice Export, 32<sup>nd</sup> Pakistan Congress of Zoology (International Congress) GC university, lahore March 6 – 8, 2012
33. Wajid, A., **Qadir, A.**, Feroze, A. and M. H. Ali, 2012. Impacts of Urbanization on Diversity and Distribution of Avifauna in Lahore City, Pakistan. 32<sup>nd</sup> Pakistan Congress of Zoology (International Congress) Gc university, lahore March 6 – 8, 2012.
34. Anwar, S., N. S. Bhatti, **A. Qadir**, N. Jamil and S. A. Anwar, 2012. Diversity and Distribution of Earthworms in Urban Areas of Lahore, Pakistan. 32<sup>nd</sup> Pakistan Congress of Zoology (International Congress) GC university, Lahore March 6 – 8, 2012.
35. Qadir, A., R. N. Malik and T. Ahmad Application of Water Quality Index to determine the Stream Health of Nullah Palkhu; A Tributary of River Chenab, Pakistan. 31<sup>st</sup> Pak. Congr. Zool., Univ. AJK., Muzaffarabad, Pak. 19-21 April, 2011
36. Malik, R. N. & Qadir, A. 2008. Fish Assemblage: An Indicator of Stream Health Using Index of Biological Integrity Environmental Bioindicators, 3:W23
37. Malik, R. N. & Qadir, A. 2008. Heavy Metals Contamination in Surface Water and *Channa punctata* of Nullah Aik and Palkhu, Tributaries of River Chenab, Pakistan. Environmental Bioindicators, 3:W18.
38. Abbas, S.,I. Ahmed and A. Qadir.2007.Influence of supplementary feed and organic manure on the growth performance of monosex culture of Nile Tilapia (*Oreochromis niloticus*) under semi intensive system. Poster presentation in International conference” Biological resources of Pakistan: Problems success and future perspectives.33 pp
39. Qadir, A., Malik, R. N. Ahmad T. & Sabir, A. M. 2007. Impact assessment of anthropogenic activities on fish assemblage and structure in Nullah Aik – tributary of River Chenab, Pakistan. 27<sup>th</sup> Pakistan Congress of Zoology (Feb. 27- March 01, 2007). Held at BZU, Multan, Pakistan.
40. Qadir, A., Malik, R. N. Ahmad T. & Saqib, Z. 2007. Assessment of Water Quality in Nullah Palkhu; A Tributary of Chenab River (Pakistan) by using Multivariate Techniques. International Conference, Biological Resources of Pakistan: Problems Success and Future Perspectives. Department of Botany, University of Arid Agriculture, Rawalpindi, Pakistan.

41. Sabir, S. M., Saleem, M. Suhail, A. Shafiq, M. and **Qadir, A.** 2007. A Community Based Participatory Approach in Sustainable Agri-Ecosystems Through Beekeeping in Punjab. International Conference, Biological Resources of Pakistan: Problems Success and Future Perspectives. Department of Botany, University of Arid Agriculture, Rawalpindi.
42. **Qadir, A.**, Malik R. N. & Ahmad, T. 2007. Diversity, distributional patterns of fish community in Nullah Palkhu: a severely polluted stream of district Sialkot. National Seminar on “Effects of pollution on water quality and aquatic life. (June, 26 – 27, 2007) at NARC, Islamabad, Pakistan.
43. **Qadir, A.**, Malik R. N. & Ahmad, T. 2006. Effects of Stress Industrial and Municipal Waste on Distributions and Diversity of Fishes in Nullah Aik and Palkhu: tributaries of river Chenab. 9th Symposium on Analytical and Environmental Chemistry (July 24-26, 2006), University of Peshawar, Pakistan.
44. Rizwanullah, **Qadir, A.** and Malik, R. N. 2006. Assessment of the Ground Water Quality in the Urban Area of the City, Sialkot. 9th Symposium on Analytical and Environmental Chemistry (July 24-26, 2006), University of Peshawar, Pakistan.
45. Majeed, A. Suhail, A. Sabir, A. M. & **A. Qadir**, 2004. Pyrgomorphidae (Acridoidea: Orthoptera) of Thal area (Punjab) Pakistan. 24th Pak.Zool. Congr. AIOU, Islamabad, Pakistan.
46. Khalid, S. & **Qadir, A.**, 2004. Seasonal abundance and population dynamics of *Stegodyphus sarasinorum* on *Zizyphus jujube* and *Acacia Arabica* in District Sialkot, Pakistan. 24th Pak.Zool. Congr. AIOU, Islamabad, Pakistan.
47. Sabir, a. M., M. Saleem, A. H. Bhatti and **A. Qadir**, 2002. Alpine swift, *Apus melba* L. (Apodidae: Apodiformes)- A new bird predator f honeybees in Pakistan. 22nd Pak. Zool. Congr. Univ. Azad Jammu & Kashmir, Muzzaferabad, Pakistan.
48. Sabir, A. M., Qadir, A. Yassen, M. Manzoor S. & Rashid, G. M. 2002. Frequencies of ABO Blood group and Rh factor in population of Jamke Cheema, Sialkot. 22nd Pak. Zool. Congr. Univ. Azad Jammu & Kashmir, Muzzaferabad, Pakistan.

### **Invited Speakers**

1. World Water Sustainability 2022, Discussion Panelist Century Paper & Board Mills Ltd in collaboration with College of Earth & Environmental Sciences (CEES), University of the Punjab Lahore, November, 8, 2022
2. One day seminar on Urdu Science Board, Govt. of Pakistan. Ministry of Information, Broadcasting and National Heritage, Lahore. 20th Feb, 2019
3. One day seminar on “Growing Menace of Plastic Bags” Organized by Mirpur University of Science & Technology, Mirpur (AJK) 12th Dec, 2017
4. Recent advances in Life Sciences and Career opportunities, Zoology Seminar, Kinnaird College for Women, Lahore, Invited Speaker, May 9, 2017

5. World Water Day, organized by Department of Environmental Sciences, University of Veterinary and Animal Sciences (UVAS), Lahore., Invited Speaker, March 22, 2017
6. Training of Auditors (Environmental Auditing) held at Pakistan Audit & Accountant Academy, Lahore., Invited Speaker, 21-25<sup>th</sup> Nov, 2016
7. 1<sup>st</sup> International Conference on Energy systems for sustainable development 2014 held at COMSATS, Lahore, Invited Speaker, 20-22 May 2015.
8. 2<sup>nd</sup> International Conference on Advancement in Sciences & Research, held at COMSATS Institute of Information Technology, Vehari Campus, Invited Speaker, March 17, 2014
9. One Week Short Course on Environment Audit (Topic Issues related to Biodiversity and other Pollutions) to 28-02-2014, Invited Speaker, 24th Feb., 2014
10. Evaluation of Bird community and its impacts on Aircrafts at Lahore, Pakistan, COMSATS Institute of Information Technology, Vehari, Pakistan, Invited Speaker, 3rd Mar, 2014
11. Threat to Biodiversity on local, regional and global scale (I), Master training for Environmental Auditors, Invited Speaker, April 2012
12. Lecture on "Role of Society in Environment" in One Day Environmental Orientation Master Trainers Workshop. Organized by EPA, Zonal Office Mirpur, AJK., Invited Speaker, May 14, 2011

### **Trainings and Participations in Workshops**

- First International Conference on emerging trends in Earth and Environmental Sciences, March 9-10, Organized by College of Earth & Environmental Sciences (CEES), University of the Punjab Lahore, March 9-10, 2017.
- International Conference on Significance of Potash use in Pakistani Agriculture, Institute of Agriculture Sciences, University of the Punjab, Nov. 24-25, 2016
- GIS Short training course. Organized by College of Earth & Environmental Sciences, University of the Punjab., Sept. 2016.
- One day course on Mining Geology 101, organized by College of Earth & Environmental Sciences, University of the Punjab, March 30, 2016.
- 5th Invention to Innovation Summit 2016, organized by ORIC, University of the Punjab, March 2-3, 2016
- One day course on "Contaminated Site Assessment" organized by College of Earth & Environmental Sciences, University of the Punjab., Feb. 17, 2016
- Gas Shale: A Microstructural Approach organized by Institute of Geology and Pakistan Association of Petroleum. Geoscientists., 16 Oct, 2015.
- Quality assurance in education held on April 03, 2015. Organized by quality enhancement cell in collaboration with PIQC Institute of Quality (certificate of Participation), April 03, 2015.
- Workshop and drill on emergency response held on 22-Jan-2015 (certificate of participation) PSS/TRA/CERT/AT-2015/262., 22-Jan-2015.
- Indigenous on Campus Training program for Management Team, held at University of the Punjab., Dec. 8-12, 2014.
- 2nd International Conference on Advancement in Sciences & Research, held at COMSATS Institute of Information Technology, Vehari Campus. March 17, 2014
- Faculty Orientation Program (4 days workshop), Department of Administrative Sciences, PU, Dec, (2014).

- National Seminar on Application of Isotope Techniques in Water Resources, Environment and Industrial Research, Organized by Pakistan Institute of Nuclear Sciences & Technology, Nilore, Islamabad., Sept. 17-19, 2012
- Faculty Orientation Program, Organized by Institute of Administrative Sciences, University of the Punjab., July 3-6, 2012
- National seminar Use of Isotope technique in assessment of water quality and movement of pollutants. PINSTECH, Islamabad., 17-19 Sept., 2012
- Latest Techniques for conservation of Animal genetic Resources in Pakistan. Participated as resource person 14-15 Sept., (2012)
- Faculty Orientation Program (4 days workshop), Department of Administrative Sciences, PU July, (2012).
- National seminar Use of Isotope technique in assessment of water quality and movement of pollutants 17-19 sept. 2012 PINSTECH, Islamabad
- NCRC Preliminary meeting in Environmental Sciences (December 10-12, 2012) HEC Regional Office Peshawar
- *Engineering management: Benchmarking management Practices of Solid waste in developing countries* (2008)  
Department of Civil engineering, Mehran university of Engineering and technologies, Jamshoro, Sindh
- *International Conference on Biological Resources of Pakistan: Problems, Success and Future Perspectives* (2007)  
Department of Botany, University of Arid Agriculture, Rawalpindi
- *Workshop on the Use of Advance Software for Data Interpretation, finger-printing and source apportionment of Air Pollution and Back Trajectory Techniques for key Transboundary Events* (2007)  
Pakistan Institute of Nuclear Technology (PINSTECH) Islamabad
- *Inception Workshop on Strengthening Governance Civil Society Participation and Partnerships within Integrated National Chemicals & Waste Management Programme* (2006)
- *Fresh Water Biodiversity Conservation assessment Management Plan (CAMP) work shop* (2004). Zoooutreach Organization and IUCN- Pakistan
- *A training work shop on field techniques about small Mammals and bats* (2004)  
Zoooutreach Organization and Natural History Museum Pakistan
- *Financial Management Training* (2003), Govt. of the Punjab, Pakistan
- *National workshop on Human Rights, Media and Democracy Human Rights* (2002)  
Human Rights Commission of Pakistan, Lahore & Asia Forum
- *Workshop on Sustainability- Reality & Myth* (2002)  
Pakistan Rural Support Program (EU), Islamabad, Pakistan

### **Research Supervision:**

Sr. No.	Student's Name	Thesis Title	Year
1.	Saba Hafeez	Assessment of Microplastics as an Emerging Contaminant in Some Environmental Matrices of River Chenab, Pakistan	2024
2.	Misbah Amanat	Assessment of Avian Diversity and Bird Collision Risk Management with Extra High Voltage Transmission Lines at Indus Cascade, Pakistan	2024
3.	Naseem Akhtar	Human health risk of particulate matters and Bioaerosols in indoor environment of selected Dental clinics and hospitals in Lahore, Pakistan (LCWU)	2024
4.	Ghulam Mustafa	Effect of Rural-Urban Gradient on Structure and Composition of	2024



5.	Rashid Anam Khalid	Avian Community Concentration Profiling and Contribution of Selected Persistent Organic Pollutants among Breast Cancer Patients in Punjab ()	2024
6.	Foqia Khalid	Biodegradation of polychlorinated biphenyls in e-waste contaminated soils from major cities of Pakistan	2024
7.	Mehmood Aslam	Microplastics Assessment in Environmental Matrices of River Ravi, Pakistan	2023
8.	Anqeea Azeem	Habitat Suitability Modeling for Conservation of Selected Endangered Species in Riverine Forest Using Geospatial Techniques	2023
9.	Muafia Shafiq	Ameliorative Effects of Selected Vitamins and Micronutrients on Flonicamid Induced Toxicity in Rabbits	2022
10.	Saman Sana	Exposure of Selected Persistent Organic Pollutants to Bovine in Context to Human Health Risks	2022
11.	Ambreen Ghalib	integrated modelling of some urban environments of Punjab based on sustainability indicators	2021
12.	Ambreena Javaid	Impacts and Risk Evaluation of Hudaira Drain on Adjacent Groundwater and Soil Using Geospatial Techniques	2020
13.	Firdaus Kausar	Evaluation of Anthropogenic Stress on Ecological Integrity of River Chenab, Pakistan	2019
14.	Ayesha Ilyas	Efficiency Evaluation of Some Indigenous Plant Extracts to Control the of Fruit Fly	2019
15.	Anber Naqvi	Health Impacts of Some Persistent Organic Pollutants in Expecting Mothers from Punjab	2018
16.	Gulnaz Malik	Evaluation of the Rice Weevil Resistance Against Phosphine and its Management Through Biorational Pesticides	2018
17.	Anam Yousaf	Ecological Modulation of Phytosterol of Selected Food Commodities to Control Hyperlipidemia	2017

Ph.D. students currently under supervision:

**Total Number: 05**

### MS Students Supervised & Awarded Degree

S.#	Name of student	Title	Year
1.	Nigar Fatima Mirza	Temporal Assessment of Land Use and Land Cover in Downstream of Mangla Dam, Jhelum River Using Geospatial Techniques	2024
2.	Saira Perveez	Association Of Air Pollution With Prevalence Of Some Selected Neurological Diseases in Lahore, Pakistan	2024
3.	Muhammad Obaidullah	Groundwater Table And Water Quality Analysis In Canal Irrigated Areas Of Punjab, Pakistan Using Geo And Spatiotemporal Techniques	2024
4.	Nida Zafar	Temporal dynamics of white-backed plant hopper ( <i>Sogatella furcifera</i> ) on rice crops in relation to environmental factors	2023
5.	Ayesha Khurram	Assessment of Aluminum and Titanium Concentrations in Environmental Matrices of Ravi and Chenab River	2023
6.	Samia Farooq	Spatiotemporal variation of trace elements in <i>Macro brachium</i> sp. from Ravi and Chenab rivers, Pakistan	2023
7.	Syed Tehzeeb Ul Hussain	Assessment of Snow Cover Extent in Gilgit-Baltistan using geospatial techniques	2023
8.	Faiza Noor	Assessment of micro-plastics in environmental matrices of Nallah Aik and Nallah Pulkhu, tributaries of River Chenab	2023
9.	Javeria Faisal	Multimetric Spatial Variations in drinking water quality in selected cities of Punjab, Pakistan	2023
10.	Salman Faisal	Spatiotemporal Distribution of Natural Vegetation in Cholistan desert reference to climate change	2023

11.	Rimsha Bashir	Spatial analysis of selected heavy metals in sediments of river Indus, Pakistan	2023
12.	Arham Naqash	Spatial distribution of microplastics in Atmospheric deposition at Lahore, Pakistan	2021
13.	Qudsia	Isolation and analysis of the microplastics in selected water samples by using directional freezing method	2021
14.	Javaria Tahir	Microplastic Profiling in Selected Environmental Matrices of Namal Lake, Pakistan	2021
15.	Iqra Maryam	Assessment of Awareness and Behavioural Trends about Household Plastic Usage and Disposal in Selected Cities of South Punjab (	2021
16.	Fareena Jamshaid	Awareness about Health and Environmental Risks of Artificial Sweeteners in Selected Human Population	2020
17.	Zunaira Azeem	Study of health and habitat conditions of captive animals in Lahore zoo and perception of general public about Lahore Zoo	2020
18.	Kainat Khan	Preferences and Trends in consumption of Organic Agricultural Products based on Socio-Economic Classes.	2020
19.	Rabia Rafaqat	Accumulation of selected pollutants in commercial fishes collected from Farm and River from Punjab.	2020
20.	Rabia Yasmeen	Preparation of Protein fortified bread adding chicken meat slices	2020
21.	Anam Iftikhar	Study of thyroid dysfunctions in context to lifestyle and environment.	2020
22.	Sayeha Zameer	Assessment of Persistent Organic Pollutants in selected Edible Oil Samples from Major Cities of Punjab	2020
23.	Muhammad Salman Rehmat	Diversity and Distribution of Macroinvertebrates with Reference to Ecological Conditions of River Ravi and River Chenab.	2020
24.	Anum Gohar	Role of Environmental Risk Factors in prevalence of Diabetes Mellitus Type 2, in population of Lahore, Pakistan	2020
25.	Muhammad Maaz Arif	Occupational Stress Assessment among Medical and Paramedical Staff in Tertiary Care Hospitals based on Observational Study	2020
26.	Anam Rafique	Spatial Distribution of Microplastics in Urban Soil of Lahore City	2019
27.	Marriam Mohsin	Prevalence of Bisphenol A In Dairy Products Consumed in Punjab	2019
28.	Muhammad Irfan	Evaluation of Microplastics in Drains and Ravi River within Lahore District	2019
29.	Warda Mobin Butt	Surveillance of Microplastics in Children Stool from Selected Cities of Punjab	2019
30.	Zainab Tariq	Assessment of Microplastic Pollution in Water, Sediments and Fish from Balloki Barrage at Ravi River	2019
31.	Zeenat Ashraf	Environmental Risk Evaluation of Bisphenol A in Infertile Human Population	2019
32.	Sumbal Ahmad	Use of Split Air Conditioner Filters for the Assessment of Indoor Microplastics Pollution	2019
33.	Ahsaan Ali	Prevalence of Microplastic Contamination in Indus Blind Dolphin (Platanista gangetica minor) in Central Indus River of Pakistan.	2019
34.	Shagufta Tahir	Investigation of Persistent organic pollutants (POPs) in human milk from selected cities of Pakistan	2019
35.	Maria Riaz	Risk evaluation of some organic pollutants in ground water of cropland in Lahore and Sheikhpura districts	2018
36.	Asma Ahmad	Assessment of refuse derived fuel pallets from the blends of textile waste with municipal solid waste	2018
37.	Maria Rashid	Evaluation of environmental conditions in public sector primary school in Lahore district	2018

38.	Abdul Moez Bhatti	Invasion status of paper mulberry in urban environment of Lahore	2018
39.	Kinza Mahmood	Spatial distribution of waterborne diseases during monsoon season in Lahore	2018
40.	(Iqra Aslam)	Assessment of Organic Pollutants in the Dust of Split Air Conditioner collected from Different Environmental Settings of Lahore city, Pakistan	2017
41.	Fukaiha Falaq Khalid	Residual Concentration of Persistent organic pollutants in the blood of some Cancer patients from Southern Punjab, Pakistan	2017
42.	Iffat Batool	Determination of Antibiotic Residues in Broiler Chicken Collected from Some Cities of Punjab, Pakistan	2017
43.	Foqia Khalid	Evaluation of Ceiling Fan Dust as an Indicator of indoor Organic Pollutants in selected cities of Punjab, Pakistan	2017
44.	Iqra Rasheed	Arsenic Assessment in Biological samples_ a comparative Approach of Meat Sold in Different Cities of Pakistan Supervisor Dr Syeda Maria Ali (273-FBAS/MSES/F-15) Department of Environmental Sciences, International Islamic University, Islamabad	2017
45.	Saba Nadeem	Evaluation of Eresid Spider Web as an Indicator of Atmospheric Organic Pollutants in Punjab, Pakistan	2016
46.	Amna Hassan	Potential Use of Spider Web as a Tool for Atmospheric Heavy Metal Pollution Assessment	2016
47.	Saneyyah Batool	Assessment of Organic Pollutants in Urban Environment using Bird Feathers in Punjab, Pakistan	2016
48.	Kiran Khanum	Assessment of heavy metals in soil and vegetables from cropland irrigated with wastewater of Lahore, Pakistan	2016
49.	Hafiza Hira Iqbal	Determination of Some Selected Organic pollutants in Human Blood and Hairs Different Areas of Lahore District, Pakistan	2015
50.	Amina	Treatment of Bisphenol A Toxicity in Reproductive system of Albino Rats with extract of <i>Adiantum cappillis verneris</i> L.	2015
51.	Qudsia Kanwal	Remedial potential of extract of <i>Adiantum cappillis verneris</i> L. in reduction of Bisphenol A toxicity on Hepatic System of Albino Rats.	2015
52.	Aisha Shahid	Prevalence of Sick Building Syndrome (SBS) in Centralized Air Conditioned Building by Investigating the Indoor Air Quality (IAQ) in Lahore City	2015
53.	Mehwish Mumtaz	Evaluation of some selected Residual Pesticides in Rice crop Collected from Punjab Pakistan	2014
54.	Ayesha Akram	Distribution of Sand fly in Punjab with special reference to Climate Change	2014
55.	Yasir Rafiq	Effect of human activities on water quality and fish fauna of River Chenab in Bajwat, Pakistan	2014
56.	Humaira Yasmeen	Effects of Persistent Organic Pollutants on Cotton-Pickers Women in Khaniwal District, Pakistan	2014
57.	Umaira yousaf	Assessment of Bird Community and Bird Airstrike Hazards at Allama Iqbal International Airport Lahore, Pakistan	2013
58.	Qurratul Ain	Study of Bird Roosting Sites Near Allama Iqbal International Airport Lahore, Pakistan	2013
59.	Saima Gul	Inhibition of Insect Pest Enzymes by Neem ( <i>Azadirachta indica</i> ).	2013
60.	Bushra Marryum	Potential of Ethanol Production from Garden Waste	2013
61.	Amina Asif Khan	Impact Evaluation on Biodiversity by Construction of Hassan Abdal-Havelian Express Way, Pakistan	2013

62.	Sumaira Saleem	Assessment of Pesticide Residues in Market Vegetables of Lahore, Pakistan	2012
63.	Nayyab Alam	Spatial distribution of Trace metals in Top soil of Lahore, Pakistan	2012
64.	Naeem Shahid Bhatti	Accumulation of heavy metals in different organs of the Wild hare, Pakistan	2011

### MSc Students Supervised & Awarded Degree

<i>S.#</i>	<i>Name of student</i>	<i>Title</i>	<i>Year</i>
1.	Khansa Zaheer, Saman Imran, Saher	Distribution of Paper Mulberry in Upper Rachna Doab	2020
2.	(Bismah Wazir Mafia Saleem.	Environmental and Economic Assessment of Chromium Recovery Plant in Leather Tannery Sheikhpura, Pakistan	2019
3	Muhammad Zeshan Sadia Hafeez Mahsoon Ashraf	Temporal Trends of Pollutants: A Quantitative Analysis of Leachate Composition of Lakhodair Landfill Site, Lahore.	2017
4	Usman Aftab Mubashar Mushtaq	Ethanol Production from Alkali Pretreated Sugarcane Bagasse under different factors	2012

### BS Students Supervised & Awarded Degree

<i>S.#</i>	<i>Student Name</i>	<i>Research Topics</i>	<i>Year</i>
1	Emma, Babar Butt, Saba Imran	Assessment of Selenium in Chicken, Mutton & Beef Collected from Different Cities of Pakistan	2020
2	(Maria Waseem, Nauvera Shaukat).	Prevalence of Microplastics in Selected Products Collected from Lahore	2019
3	Hafiz Muhammad Umaid Hassan, Kanza Anwar, Anam Aslam	Estimation of Domestic Consumption and Waste Plastic Generation of in Selected Cities of Punjab Using Observational and Behavioural Approaches	2019
4	Saba Rafi Sehrish Hussain Huma Khawar	A cross-sectional study of polycystic ovarian syndrome in relation to environmental factors	2018
5	Arfa Tufail Maida Kanwal Zunaira Nawaz	Assessment of Human Exposure to some polychlorinated biphenyls (PCBs) in District Lahore	2017
6	Warda Mubeen Butt, Zarmina Khan	Online Illegal Trade of Wild Animals on Facebook in Pakistan	2017
7	Ayesha Baig & Asma Ahmad	Health Risk Assessment of some Captive Birds through Heavy metals concentrations in feathers at Lahore Zoo	2016
8	Gulnaz Shoaib Butt & Hafsa Imran	Assessment of human exposure to some Polychlorinated Biphenyls (PCB) in District Lahore	2016
9	Ammar Farooq Dar & Hassan Shahbaz	A cross sectional study of occupational hazards to the farmer community in the vicinities of Pakuki City	2015
10	Amna Hassan, Tehseen Tahir & Saba Nadeem	Atmospheric deposition of pollutants in social spider along the GT road, Punjab, Pakistan	2014
11	Kiran & Beenish Ijaz	Estimation of Lead in some Plants irrigated by polluted water in vicinities of Lahore City	2014
12	Amina, Qudsia Kanwal & Ruqia Bano	Accumulation of Heavy Metals in some vegetables from Gujranwala District	2013

13	Saba Sarwar & Hafiza Hira Iqbal	Hydrological and Ichthyological Impact Assessment of Rasul Barrage, River Jhelum	2013
14	Aisha Rasheed	Macroinvertebrates as Bio-indicator of Water Quality of Ravi River	2012
15	Tassawar Ijaz	Environmental Impact Assessment of Zimindara Chemical and Fertilizers, 80 Km Faisalabad Road District Chiniot.	2012
16	Yasir Ghafoor, Waqas Ahmad & Furrukh Haider	Development of Environmental System of Amir Cotton Mills Limited Multan Road, Bhai Pharo, Lahore	2012

### Public Awareness activities.

S#	Title	Channel	Date
1.	Good Morning Public Urban Forestation	Public News	10/06/2024
2.	Samaj Sudhar Ep # 22 Air Pollution Part 01	PTV National	15/11/2023
3.	Samaj Sudhar Ep # 23 Air Pollution Part 02	PTV National	20/11/ 2023
4.	Plastic Pollution: Turn it from waste into Treasure - (World Environment Day)	Sono TV	05/06/ 2023
5.	Morning show Plastic Pollution	Sono TV	10/03/ 2023
6.	The arrival of winter. Entry of smog	Suno TV	14/10/2022
7.	Environmental Tourism	Discover Pakistan	18/07/2021
8.	Plastic Pollution in Our Environment	City 42	23/07/2021
9.	Environmental Challenges of Lahore City	City 42	15/02/2021
10.	Water Conservation and Our Social Responsibility	Lahore News	6/11/ 2020
11.	The International Plastic Free Day, 2020	24 news	03/07/2020
12.	LHC bans the use of polythene bags in Punjab, Lahore News Jago Lahore	Lahore News	10/03/ 2020
13.	PTV Morning Show on Food security and climate change	PTV News	2015