

Dr. Abdul Qadir

PERSONAL PROFILE

Present Address: College of Earth and Environmental Sciences,
University of the Punjab, Lahore
Tel: 92-42-99233121 Fax: 92 42 99233120
Mobile: 92-300-5500907
Email: aqadir.cees@pu.edu.pk. aqfics@yahoo.com

EMPLOYMENT

Assistant Professor, May, 2011- to-date
College of Earth and Environmental Sciences
University of the Punjab, Lahore

EDUCATION

- **Ph. D.** Biology (2004 - 2009) Environmental Biology.
Department of Biological Sciences, Section Environmental Biology
Quaid-i-Azam University, Islamabad, Pakistan

RESEARCH EXPERTISE

- Environmental Toxicology
- Urban Ecology
- Biodiversity & conservation
- Wildlife conservation

PUBLICATIONS

Book Chapters

1. **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
2. Mahmood, A., M. Z. Hashmi, **A. Qadir**: *Xenobiotics in the Food Chain: Quantitative Analysis, Toxic Impact, and Usage History*. 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_9

Refereed Research Paper

3. 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.
4. 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.

5. 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.
6. 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, 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.
7. 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*, (Accepted), 00-00.
8. 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.
9. 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.
10. 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.,
11. 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.
12. 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
13. 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.
14. 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.
15. Nazeer, S., Hashmi, M. Z. Malik, R. N. **Qadir, A.** Ahmed, A. Ullah, K. 2015. Integrative assessment of Western Himalayas streams using multimeric index. *Ecological Indicators* 04/2016; 63:386-397.
16. 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* DOI:10.1007/s11356-016-6330-0
17. 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*, DOI:10.1080/10807039.2015.1133241
 18. 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.
 19. 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* 09/2015; 187(10):636. DOI:10.1007/s10661-015-4855-1
 20. 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* 07/; DOI:10.1021/acs.jafc.5b01817
 21. 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
 22. 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*, DOI: 10.1080/21553769.2015.1044620
 23. 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
 24. 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
 25. Naz, S., Yousaf , B.Tahir, M. A., **Qadir** A. Yousaf , A. (2015). Iron and Zinc Bio-Fortification Strategies in Wheat Crop by Exogenous Application of Micronutrients *Food Science and Quality Management* 35, 2015 -49.
 26. **Qadir**, A. Amina , Q, Kanwal, Bano, R. Yousaf, B. , (2015) Accessing Potential bioaccumulation of Heavy Metals in Selective Vegetables from Gujranwala District, Pakistan. *Journal of Environment and Earth Science*, 5(8):58-70.
 27. Jamil, N., Baqar, M., Shaikh, I. A., Javaid, Shahid, A., Khalid, R., Ahsan, N., **Qadir**, A. & Arslan, M. (2015). Assessment of Mercury Contamination in Water and Soil Surrounding a Chlor-Alkali Plant: A case study. *Journal of the Chemical Society of Pakistan*. 37(01): 173-178.

28. Shaikh, I. A., Ahmad, N., Jamil, N., & **Qadir, A.** (2015). A Pilot-scale Application of O_3 in Machine Cleaning to Replace $Na_2S_2O_4$. *Asian journal of Chemistry* 27(6): 2171-2174
29. Shaikh, I. A., Munir, S., Suhail, E., Jamil, N., & **Qadir, A.** (2015). Removal of hydrolyzed reactive dyes from cotton fabric using spent H_2O_2 – A green approach. *Asian journal of Chemistry* 27(6): 2129- 2132.
30. Khan, U. M, Malik, R. N, Muhammad S., Ullah F. & **Qadir, A.** (2015): Health Risk Assessment of Consumption of Heavy Metals in Market Food Crops from Sialkot and Gujranwala Districts, Pakistan, *Human and Ecological Risk Assessment: An International Journal*, DOI: 10.1080/10807039.2014.913445.
31. Shahid, N., Bibi, F., Usman, M., Nasir, R., Shah, G. M., H. M. Arshad & **Qadir A.**, 2014. Role of Iron Chelation Therapy for Beta-Thalassemia Major: A Review, *Journal of Applied Environmental and Biological Sciences*, 4(10):17-25.
32. Jamil, N., Khan, S. M., Ahsan, N., Anwar, J., **Qadir, A.**, Mariyam, Z., & Shafique, U. (2014). Removal of Direct Red 16 (Textile Dye) from Industrial Effluent by using Feldspar. *Journal of the Chemical Society of Pakistan*, 36 (2), 191-197.
33. Shahid, N.; Anwar, S.; **Qadir, A.**; Ali, H.; Suchentrunk F. & Arshad, H. M. 2013. Accumulation of some selected heavy metals in *Lepus nigricollis* from Pakistan. *Journal of Basic and Applied Scientific Research*, 3(11): 339-346.
34. **Qadir, A.**, Malik, R. N., Feroze, A.; Jamil, N. & Mukhtar. K. 2013. Spatiotemporal distribution of contaminants in Nullah Palkhu -highly polluted stream of Pakistan. *Journal of Environmental Science and Water Resources*, 2(10): 342 – 353.
35. Ali, Z.; Malik, R. N.; Shinwari, Z. K. & **Qadir, A.** 2013. Enrichment, risk assessment, and statistical apportionment of heavy metals in tannery-affected areas *Int. J. Environ. Sci. Technol.* DOI 10.1007/s13762-013-0428-4
36. Ali, Z.; Malik, R. N. & **Qadir, A.** 2013. Heavy metals distribution and risk assessment in soils affected by tannery effluents, *Chemistry and Ecology*, 29: 676-692
37. **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.*
38. Anwar, S. A.; Mahdi, M. M.; McKenry M. V. and **Qadir, A.** 2013. Survey of Plant-Parasitic Nematodes Associated With Four Vegetable Crops Cultivated Within Tunnels. *Pakistan J. Zool.*, 45(3): 595-603.
39. Eqani, S A; R. N. Malik, A. Cincinelli , G. Zhang, X. Li, A. Mohammad, **A. Qadir, A.** Rashid, H. Bokhari, K. C. Jones, A. Katsoyiannis, 2013. Uptake of organochlorine pesticides (OCPs) and 1 polychlorinated biphenyls (PCBs) by River water fish-The case of River Chenab. *Science of the total Environment*, 15: 3-91
40. Mukhtar, M.K., Khan, S. Y., Jabeen, S., Tahir, H. M., **Qadir, A.**, Ahmad, K. R., Butt, A. and Arshad, M. 2012. A Preliminary Checklist of the Spider Fauna of Sargodha (Punjab), *Pakistan J. Zool.*, 44 : 1245-1254.
41. Mukhtar, M. K.; Irfan, M.; Tahir, H, M., Khan, S.Y, Ahmad, K. R; **Qadir, A.**, Arshed, M., 2012. Species Composition and Population Dynamics of Spiders Fauna of Trifolium and Brassica Fields. *Pakistan Journal of Zoology* volume 44: 1261-1267.
42. **Qadir A.** & Malik R. N. 2011. Heavy Metals in Eight Edible Fish Species from Two Polluted Tributaries (Aik and Palkhu) of the River Chenab, Pakistan. *Biological Trace Element Research* DOI: 10.1007/s12011-011-9011-3.

43. Ullah R., Malik R. N., Muhammad A., Ahad K. & **Qadir A.** 2010. Assessment of Selected Persistent Organic Pollutants (POPs) in Sediments from Streams of Sialkot District. *The BIOL (E-Journal of Life Sciences)* 1: 7-15
44. **Qadir A.** & Malik R. N. 2009. Assessment of an Index of Biotic Integrity (IBI) to Quantify the Quality of Two Tributaries of River Chenab, Pakistan. *Hydrobiologia*, 621: 127-153.
45. **Qadir A.**, Malik, R. N., Ahmad T. & Sabir A. M. 2009. Patterns and Distribution of Fish Assemblage in Nullah Aik and Nullah Palkhu Sialkot, Pakistan. *International Journal on Biological Diversity and Conservation*. 2/2 : 110-124.
46. **Qadir A.**, Malik R. N. & Husain S. Z., 2008. Spatio-temporal variations in water quality of Nullah Aik - tributary of the river Chenab, Pakistan. *Environmental Monitoring and Assessment*, 140: 43- 59.
47. Ullah, R., Malik, R. N. & **Qadir A.** 2009. Assessment of ground water contamination in an industrial City Sialkot of Pakistan. *African Journal of Environmental Science and Technology* 3: 429 - 446.
48. Sabir, A. M., Suhail A., Rafi M. A. & **A. Qadir.** 2009. Geographic Distributional Patterns of the Genus *Bombus* (Bombini, Apidae: Hymenoptera) in Northern Pakistan. *International Journal on Biological Diversity and Conservation* 2/1:1-9.
49. Mahar A., Malik R. N. & **Qadir A.**, Ahmed T., Khan Z., Khan M. A., 2007. Review and Analysis of Current Solid Waste Management Situation in Urban Areas of Pakistan. *Proceedings of the International Conference on Sustainable Solid Waste Management*, 5 - 7 September, 2007 Chennai, India. pp.34-41.
50. Sabir, A. M., S. Ahmed, M. Sahi & **Qadir, A.** 2006. Pest weather interaction of major insect pest of rice ecosystem. *SAARC Journal of Agriculture*, 4: 203- 212.
51. Khalid S. & **Qadir, A.** 1999. Three new species of Genus *Oxyopes* (Aranae: Oxyopidae) from Pakistan. *Pakistan Journal of Zoology*, 30: 255-261.

Research Papers Presentations in Scientific Conferences

1. 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
2. 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.
3. Javaid, A. Ahmad, S. R. **Qadir A** and Rashid Mahmood, 2017. Spatial Assessment of Groundwater for Irrigational Use Along the Hudiara 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.
4. Khanum, K. Ijaz, B. Ahsan M. Riaz, Shoukat, N. Mumtaz, M. **Qadir, A.** 2017. Assessment of lead concentration in water, soil, cereal crops and mammals living in vicinity of Lahore, Punjab, Pakistan. 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. AH Poster. March 9-10, Organized by College of Earth & Environmental Sciences (CEES), University of the Punjab Lahore.
 5. Rasheed, A., Khalid A. and **Qadir, A.** 2017. Macroinvertebrates as bio-indicator of water quality of Ravi river. EB 6. 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.
 6. Majeed, S. Ahmad S. R and **Qadir, A.** 2017. Spatial patterns of pollutants in water of metropolitan drain in Lahore, Pakistan using multivariate statistical techniques. GG8 poster. 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.
 7. Sabir, A. M., M. Akhter, **Qadir, A.** Rizwan M. and Asghar, M. 2017. Spatial distribution of rice planthoppers in district Sheikhpura and Gujranwala in the Punjab, Pak. Nat. Confer. Challenges and Opportunities to boost agriculture in Changing Climate, College of Agriculture, BZU, Bahadur Sub- Campus, Layyah, Pakistan. Pp: 70.
 8. 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.
 9. **Qadir A.**, Rafiq, Y, Abbas S., G. Willium and I. Ahmad. Effects of human activities on water quality and fishfauna of River Chenab, Pakistan. 35th Pakistan Congress of Zoology (International). GCU, Fsd., Pak., February 28- March 1 -2, Abstr. FEWFM- 18, pp: 168
 10. **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
 11. . Kanwal, Q . Yousaf, A R. Bano, **A. Qadir, A.**, S. A. Bharwan & Yousaf. B. 2014. Study of accumulation of heavy metals in selected vegetables and soil of Gujranwala district. Second International Conference on Global Environmental Changes, GC University, Faisalabad. February 25-26,
 12. 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

13. **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)
14. 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 Leafhopper (*Cnaphloeris medinalis* Gn.). Intern. Confer. Crop Management in Changing Climate" February 11-13, Univ. Agric., Faisalabad, Pakistan. Pp: 167.
15. Sabir, A. M., M. Akhter, I. Haider, M. Rizwan and **A. Qadir**, 2013. Evaluation of rice germplasm against stem borers and leafhopper in the Punjab, Pakistan. International Seminar on Entomological Challenges in Pakistan and their Sustainable Management. March 23, Entomol. Res. Inst., AARI, Faisalabad, Pak. Pp: 23.
16. **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.
17. 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. 32nd Pakistan Congress of Zoology (International Congress) March 6 – 8, 2012 held at GC University, Lahore.
18. Sabir, A.M., **Qadir, A.** Suhail, A., Rafi, M. A. and M. Asghar, 2012. Effect of weather on foraging flights of bumblebees (Apidae: Hymenoptera) in northern, Pakistan ENT-21. 32nd Pakistan Congress of Zoology (International Congress) March 6 – 8, 2012 held at GC University, Lahore.
19. Anwar, S. A. and A. Qadir, 2012. Losses Caused by Plant-Parasitic Nematodes on Vegetable Crops. 32nd Pakistan Congress of Zoology (International Congress) GC university, lahore March 6 – 8, 2012
20. Sabir, A.M. Akhter, M., Haider I. and **Qadir A.** 2012. Khapra Beetle: A Menace For Rice Export, 32nd Pakistan Congress of Zoology (International Congress) GC university, lahore March 6 – 8, 2012
21. Wajid, A., **Qadir, A.**, Feroze, A. and M. H. Ali, 2012. Impacts of Urbanization on Diversity and Distribution of Avifauna in Lahore City, Pakistan. 32nd Pakistan Congress of Zoology (International Congress) Gc university, lahore March 6 – 8, 2012.
22. 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. 32nd Pakistan Congress of Zoology (International Congress) GC university, Lahore March 6 – 8, 2012.
23. 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. 31st Pak. Congr. Zool., Univ. AJK., Muzaffarabad, Pak. 19-21 April, 2011
24. Malik, R. N. & Qadir, A. 2008. Fish Assemblage: An Indicator of Stream Health Using Index of Biological Integrity Environmental Bioindicators, 3:W23
25. 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.

26. 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
27. 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. 27th Pakistan Congress of Zoology (Feb. 27- March 01, 2007). Held at BZU, Multan, Pakistan.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. Majeed, A. Suhail, A. Sabir, A. M. & **A. Qadir**, 2004. Pyrgomorphidae (Acridoidea: Orthoptera) of Thal area (Punjab) Pakistan. 24nd Pak.Zool. Congr. AIOU, Islamabad, Pakistan.
34. Khalid, S. & **Qadir, A.**, 2004. Seasonal abundance and population dynamics of *Stegodyphus sarasinorum* on *Zizyphus jujube* and *Acacia Arabica* in District Sialkot, Pakistan. 24nd Pak.Zool. Congr. AIOU, Islamabad, Pakistan.
35. 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.
36. 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.

RESEARCH PROJECTS:

1. Assessment of habitat and biotic condition of river Chenab in Bajwat, Pakistan
Principal Investigator, Rs. **500,000/-** HEC 2012-14
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

INVITED SPEAKERS

1. Recent advances in Life Sciences and Career opportunities, Zoology Seminar,
Kinnaird College for Women, Lahore, Invited Speaker, May 9, 2017
2. World Water Day, organized by Department of Environmental Sciences, University of
Veterinary and Animal Sciences (UVAS), Lahore., Invited Speaker, March 22, 2017
3. Training of Auditors (Environmental Auditing) held at Pakistan Audit & Accountant
Academy, Lahore., Invited Speaker, 21-25th Nov, 2016
4. 1st International Conference on Energy systems for sustainable development 2014 held
at COMSATS, Lahore, Invited Speaker, 20-22 May 2015.
5. 2nd International Conference on Advancement in Sciences & Research, held at
COMSATS Institute of Information Technology, Vehari Campus, Invited Speaker,
March 17, 2014
6. One Week Short Course on Environment Audit (Topic Issues related to Biodiversity
and other Pollutions) to 28-02-2014, Invited Speaker, 24th Feb., 2014
7. Evaluation of Bird community and its impacts on Aircrafts at Lahore, Pakistan,
COMSATS Institute of Information Technology, Vehari, Pakistan, Invited Speaker,
3rd Mar, 2014
8. Threat to Biodiversity on local, regional and global scale (I), Master training for
Environmental Auditors, Invited Speaker, April 2012
9. Threat to Biodiversity on local, regional and global scale (II), Master training for
Environmental Auditors, Invited Speaker, May 2012
10. 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 and Waste Management Programme* (2006)
UNITAR, IOMC, Ministry of Environment, Pakistan
- *Fresh Water Biodiversity Conservation assessment Management Plan (CAMP) work shop* (2004). Zooutreach Organization and IUCN- Pakistan
- *A training work shop on field techniques about small Mammals and bats* (2004)
Zooutreach 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

COMMUNITY SERVICES OUTSIDE THE UNIVERSITY

1. Member, BOS Environmental Sciences, GC Women University Sialkot, D/REG/16/907, Three years 22-11-16 to date.
2. Member National Curriculum Revision Committee (Environmental Sciences) Member 9-17/ Env. Sciences /curri/HEC/214, HEC Level Three years, 2013-15, .

ADVISORY/ADMINISTRATIVE SERVICES

1. Coordinator Ph.D Environmental Science Program, College of Earth & Environmental Sciences, University of the Punjab.
2. Member of Board of Studies, College of Earth & Environmental Sciences, University of the Punjab. (06-03-2015 to 05-03-2018).
3. Member Faculty Board (Sciences) University of the Punjab. (2013 to 2015).
Member of Purchase Committee, College of Earth & Environmental Sciences, University of the Punjab. (2011- to date)
4. Member of Doctoral Program Committee (DPC), College of Earth & Environmental Sciences, University of the Punjab. (2012 to date)
5. Member of UMC Committee, College of Earth and Environmental Sciences, University of the Punjab. (2011- to date).