

National and International Publications of Dr. Haroon Khan (Associate Professor)

IMPACT FACTOR PUBLICATIONS:

1. F. Zaman, W. A. Khattak, M. Ihtisham, M. Ilyas, A. Ali, A. Ali, **Haroon Khan**, K. A. Khan, D. Ni, H. Zhao, F. S. Chen. 2024. Assessing the health risks of heavy metals and seasonal minerals fluctuations in *Camellia sinensis* cultivars during their growth seasons. **Food and Chemical Toxicology**, V. 187, 114586.
2. Shah IA, **Haroon Khan**, Muhammad Z, Ullah R, Iqbal S, Nafidi H-A, Bourhia M and Salamatullah AM. 2024. Evaluation of climate change impact on plants and hydrology. **Frontiers in Environmental Science**. 12:1328808. doi: 10.3389/fenvs.2024.1328808.
3. Shah, I.A., Muhammad, Z., **Haroon Khan**, et al. Spatiotemporal variation in the vegetation cover of Peshawar Basin in response to climate change. **Environmental Monitoring and Assessment**. 195, 1474 (2023). <https://doi.org/10.1007/s10661-023-12094-9>
4. Khan, I. M. I. Khan, S. Hashim, M. Fawad, A. Jamal, M. F. Seleiman, **Haroon Khan**, B. Gul, Z. Hussain, M. F. Saeed, et al. Managing Weed-Crop Interactions Enhances Chickpea (*Cicer arietinum* L.) Chemical Components. **Plants** 2023, 12, 3073. <https://doi.org/10.3390/plants12173073>
5. A. Misganaw, S. Addisu, G. Alemayhu, N. Kesete, **Haroon Khan**. 2023. Crop Production in Ethiopia Under Changing Climate Scenario: a case of Farta and Yielmana Densa Districts. **International Journal of Climatology**.1-16. <https://doi.org/10.1002/joc.8175>.
6. Akbay, F., Uslu, Ö.S., **Haroon Khan** and İbrahim Hosaflioglu. 2023. Evaluation of Agronomic Attributes and Herbage Quality of Selected Trigonella Species. **Gesunde Pflanzen**. Doi.org/10.1007/s10343-023-00876-7.
7. **Haroon Khan**, B., Gul, B. et al. 2023. Evaluation of various weed control techniques in transplanted onions under agro-climatic conditions of Peshawar-Pakistan. **Gesunde Pflanzen**. Doi.org/10.1007/s10343-023-00856-x
8. Ahmad, W., Zou, Z., Awais, M., Munsif, F. Khan, A., Nepal, J., Ahmad, M., Akbar, S., Ahmad, I, Khan, M.S., Qamar, Z and **Haroon Khan**. 2023. Seed-Primed and Foliar Oxozinc Nanofiber Application Increased Wheat Production and Zn Biofortification in Calcareous-Alkaline Soil. **Agronomy**. 2023, 13, 400.
9. H. Ullah, B. Gul, **Haroon Khan**, K. Rehman, I. Hameed, U. Zeb, S. Roomi, Z. Huma. 2023. Impact of pH on the growth and nutritional role of *Lemna minor* L. (a sustainable alternative for Pakistan's feed sector). **Aquaculture International**. Doi.org/10.1007/s10499-023-01063-1.
10. I. A. Shah, Z. Muhammad, **Haroon Khan**. 2022. Impact of climate change on spatiotemporal variations in the vegetation cover and land cover of District Nowshera. **Journal of Water and Climate Change**. 13 (11), 3867. Doi: 10.2166/wcc.2022.229.
11. Fawad, M., Khan, M.A.; Wahid, F., **Haroon Khan**, Gul, B., Khattak, A.M., Jamal, A., Mastinu, A. 2022. Irrigation Scheduling and Weed Management: A Sustainable Approach for Managing Broomrape and other Weeds in Tomato Crop. **Horticulturae**. 8, 676.
12. Ahmad, I., Gul, B., **Haroon Khan**, et al. 2022. Influence of various densities of wild oat and holy thistle on the productivity of wheat (*Triticum aestivum*). **Gesunde Pflanzen**. 74,839-852.
13. H. Ullah, B. Gul, **Haroon Khan**, N. Akhtar, K. Rehman and Umer Zeb. 2022. Effect of growth medium nitrogen and phosphorus on nutritional composition of *Lemna minor* (an alternative fish and poultry feed). **BMC Plant Biology** 22, 214.
14. Ullah, H., Gul, B., **Haroon Khan**, Zeb, U. 2021. Effect of salt stress on proximate composition of duckweed (*Lemna minor* L.). **Heliyon**, 7(6): 405-8440.
15. T. Rehman, M. Azim Khan, **Haroon Khan**, W. A. Shah. V. Altay and M. Ozturk. 2020. Tillage, nutrients and weed control affects yield of sugar beet. 29(5):3380-3387. **FEB-Fresenius Environmental Bulletin**. https://www.prt-parlar.de/download_feb_2020/.
16. A. Muhammad, I. A. Mian, D. Muhammad, **Haroon Khan**, I. Khan, M. I. Khan and A. Jalal. 2020. Management of weeds through planting dates and using selected maize cultivars under changing climate. **Mitteilungen Klosterneuburg Journal**: 70 (2):108-121.
17. Hanif Khan, M. S. Khan, M. A. Sajad, **Haroon Khan**, M. Ihsan, I. Ullah, Z. Khan and Umar Zeb. 2020. Phytoremediation of selected heavy metals using *Bryophyllum daigremontianum* (RAYM-HAMET & H. PERRIER). **Bangladesh Journal of Botany**. 49(1): 21-27.
18. B. Gul, S. Ijaz & **Haroon Khan**. 2019. Allelopathic effect of lotus and arrowhead weed on wheat, wild oat and milkthistle germination. **Planta Daninha** Volume: 37.
19. B. Gul, Afaq Khan and **Haroon Khan**. 2018. Management of cattails in standing water of District Swabi, KPK-Pakistan. **Journal of Aquatic Plant Management**. 56: 31-34.

20. B. Gul, M. Saeed, **Haroon Khan**, M. I. Khan and I. Khan. 2017. Impact of water hyacinth and water lettuce aqueous extracts on growth and germination of wheat and its associated troublesome weeds. **Journal of Applied Ecology and Environmental Research**. 15(3): 939-950.
21. Shahida Naveed, M. Ibrar, I. Khattak, I. Khan, M.I. Khan and **Haroon Khan**. 2016. Anthelmintic, antilice, insecticidal, cytotoxic and phytotoxic potential of ethanolic extracts of two wild medicinal plants *Iphiona grantioides* and *pluchearguta*. **Wulfenia**. 23(2):1-13.
22. Shaheen Kashmir, M. Azim Khan, A. Ali Shad, K.B. Marwat and **Haroon Khan**. 2016. Temperature and salinity affect the germination and growth of *Silybum marianum* and *Avena fatua* L. **Pak. J. Botany**. 48(2): 469-476, 2016.
23. **Haroon Khan**, Adil, B. Gul, M.A. Khan and K.B. Marwat. 2015. Efficacy of aqueous extracts of different allelopathic plants on germination and growth of wheat and wild oat seeds. **Pak. J. Botany**. 47(SI):181-185.
24. M. A. Khan, B. Gul, K. B. Marwat, F. Wahid, **Haroon Khan** and S. Hashim. 2014. *Pistia stratiotes* L. Phytochemistry, use in medicines, phytoremediation, biogas and management options. **Pak. J. Botany**. 46(3): 851-860.
25. **Haroon Khan**, K. B. Marwat, M. A. Khan and S. Hashim. 2014. Herbicidal control of parthenium weed in maize. **Pakistan Journal of Botany**. 46(2): 497-504.
26. B. Gul, K. B. Marwat, M. A. Khan and **Haroon Khan**. 2014. Impact of tillage, plant population and mulches on phenological characters of maize. **Pakistan Journal of Botany**. 46(2): 549-554.
27. **Haroon Khan**, K. B. Marwat, G. Hassan, M. A. Khan and S. Hashim. 2014. Distribution of parthenium weed in Peshawar valley, Khyber Pakhtunkhwa- Pakistan. **Pakistan Journal of Botany**. 46(1): 81-91.
28. **Haroon Khan**, K. B. Marwat, G. Hassan and M. A. Khan. 2012. Chemical control of *Parthenium hysterophorus* L. at different growth stages in non-cropped area. **Pakistan Journal of Botany**. 44(5): 1721-1726.
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30. Hassan, G. and **Haroon Khan**. 2007. Effect of wild oats (*Avena fatua* L.) density on wheat yield and its components under varying nitrogen regimes. **Pakistan Journal of Botany**. 39(7): 2585-2594.

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31. Hammad, H., B. Gul, **Haroon Khan**, M. Fawad, H., H. Ali and T. Bakht. 2024. Comparison of organic mulches with various weed control strategies for weed management in maize Pakistan Journal of Weed Science Research, 30(2): 65-74.
32. **Haroon Khan**, Uslu, Ö. S. & Gedik, O. 2024. Impacts of Climate Change on the Productivity of Tobacco Crop in Pakistan. International Journal of Advanced Natural Sciences and Engineering Researches, 8(6), 137-143.
33. Muhammad, M., S. Ullah, N. Ameen, A. Wahab, A. Basit, M. Batool, M. Nazim and **Haroon Khan**. 2024. Ethnopharmacological profile of weed flora of Dir-Upper District, Khyber Pakhtunkhwa. Pakistan J of Weed Science Research, 30(2): 44-54. DOI | <https://dx.doi.org/10.17582/journal.PJWSR/2024/30.2.44.54>
34. Muhammad, J., M. Z. Khan and **Haroon Khan**. 2024. Impact of submerged aquatic weeds growth on the channel velocity of the dagai distributary, maira branch canal, upper swat canal irrigation system. Sarhad Journal of Agriculture, 40(2): 512-517.
35. **Haroon Khan**, Ömer Süha USLU and Osman GEDİK. 2024. The implications of invasive alien weeds on Pakistan's agricultural productivity. 5th International Black Sea Modern Scientific Research Congress. November 08-10, 2023/ Rize, Türkiye.
36. Khan, S., Z. Hussain, **Haroon Khan** and O.S. Uslu. 2023. Comparison of artificial intelligence and synthetic herbicides for weed control in wheat crop. Pak. J. Weed Science Res., 29(2): 81-87.
37. Luqman, Z. Hussain, T. Bakht, F. Wahab, M. Din, **Haroon Khan**, I. Shinwari, A. Ullah, L. Khan and S. Hidayat. 2023. Response of onion crop to varying cropping patterns and non-chemical weed control methods. Pak. J. Weed Science Res., 29(1): 58-63.
38. **Haroon Khan**, Ömer Süha USLU and Osman GEDİK. 2023. Moringa olerifera: A sustainable intervention to address malnutrition and poverty in Khyber Paktunkhwa -Pakistan. Ist International Congress on Scientific and Innovative Studies (ICSIS) 2023 on April 18-20, 2023, Konya. Türkiye.
39. **Haroon Khan**, Ömer Süha USLU and Osman GEDİK. 2023. Impact of weeds on tobacco and their management, with special emphasis on Broomrape (*Orobancha* sp.). 3rd International Conference on Eng. & Applied Natural Sci. January 14-17, 2023: Konya, Turkey.
40. O. Getek, Ö. S. Uslu and **Haroon Khan**. 2022. The effect of different drying methods on essential oil ratio and components of *Satureja hortensis*. 2. International Black Sea Modern Scientific Research Congress. December 21-22, 2022 / Rize, Türkiye.

41. **Haroon Khan**, Ömer Süha Uslu and O. Getik. 2022. Integrated weed management in Okra (*Abelmoschus esculentus* L.) in Pakistan. 5th International Agricultural Congress 5-6 December 2022. Türkiye.
42. T. Beycioğlu, M. K. Gökkuş, F. Killı and **Haroon Khan**. 2022. The effect of different irrigation levels on fatty acid composition in Peanut (*Arachis hypogaea* L.). 5th International Agricultural Congress 5-6 December 2022 (Online). Türkiye.
43. Sultan, M.S., Khan, M.A., **Haroon Khan** & Ahmad, B. 2022. Pathways to strengthening capabilities: A case for the adoption of climate-smart agriculture in Pakistan. *APN Science Bulletin*, 12(1). doi:10.30852/sb.2022.2021
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45. **Haroon Khan**, Ö. S. USLU and O. GEDİK. 2022. Food security and biodiversity sustainability in a changing climatic scenario in Pakistan. International Congress on Innovation Technologies & Engineering September 02-04, 2022 / Ege University, Izmir, Türkiye Proceedings book, 486-492.
46. Ö. S. USLU, O. GEDİK and **Haroon Khan**. 2022. The evaluation of the climate change in terms of plant protection. Inte. Congress on Innovation Technologies & Eng. Sep. 02-04, 2022 / Ege University, Izmir, Türkiye.
47. Ishaq A. S., **Haroon Khan**, B. Gul and O. S. Uslu. 2022. Farmers' perception of climate change and parthenium weed distribution in district Swabi- Khyber Pakhtunkhwa. *Pak. J. Weed Sci. Res.*, 28 (3): 167-178.
48. U. Zeb, A. Batool, **Haroon Khan**, H. Ullah, B. Gul. 2022. Ethnobotanical Assessment of Hazar Nao Hills, District Malakand, KPK, Pakistan. *Int. J. of Applied & Experimental Biology*, 1(2): 59-66.
49. Taj Ur Rahman, Y. Khan, M.A. Zeb, H. Khan, W. Liaqat, G. Rukh, Sheheryar, **Haroon Khan** and S. K. Izhar. 2021. Phytochemical analysis, green synthesis of silver and gold nanoparticles and antibacterial activity of *Eryngium amethystinum*. *Bioscience Research*, 18(4): 2788-2794.
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51. Idrees, M., W. M. Khan, **Haroon Khan**, A. Iqbal, N. Umar, S. Khalid and N. Ahmad. 2021. Phytoclimatic Spectrum of Weeds Flora of Toormang Valley, Dir Lower, Koh-e- Hindukush Range, Pakistan. *Pak. J. Weed Sci. Res.*, 27(4): 451-473.
52. Luqman, Z. Hussain, T. Bakht, M. Ud. Din, **Haroon Khan**, M. R. Khan, Ata Ullah, F.A. Shah, I. Khan and A. M. K. Dawar. 2021. Soil Weed Seed Bank Status In the Agroecological condition of Chitral, Pakistan. *Pak. J. Weed Sci. Res.*, 27 (3):253-262
53. Gul, B., S. Rabial and **Haroon Khan**. 2021. Efficacy of herbicides for control of duckweed (*Lemna minor* L.). *Sarhad J. of Agriculture*, 37(4): 1194-1200. <https://dx.doi.org/10.17582/journal.sja/2021/37.4.1194.1200>.
54. Abdullah, S. M. Shah, A. A. Shah, M. Muhammad, M. Abdussalam, K.U. Rehman and **Haroon Khan**. 2021. Phytodiversity and ecological features of weed species of Sufaid Sung, Peshawar. *Pak. J. Weed Sci. Res.*, 27 (2):181-190.
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56. B. Gul, M. Ibrahim and **Haroon Khan**. 2021. Effect of various water regimes and herbicides on sprouting of common reed rhizome fragments. *Pak. J. Weed Sci. Res.*, 27(1): 43-49.
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63. B. Gul, Bilal Khan and **Haroon Khan**. 2017. Aquatic flora of various fresh water bodies of District Charsadda, Khyber Pakhtunkhwa, Pakistan. Pak. J. Weed Sci. Res., 23(2): 193-206.
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