

Publications and presentations

Published Papers

1. U. Ali, I. Begum, A. Razzaq, A. Rashid, F. Hadi and **I. Khan**. 2016. Diversity and seasonal variations of fresh water algae in Lund Khwar, District Mardan, Khyber Pakhtunkhwa Pakistan. **Pak. J. Weed Sci. Res.** 22(1): 183-195.
2. **Khan, I.**, S. Navie, D. George. C. O' Donnell and S. W. Adkins. 2016. Seed spread by utility vehicle; A case study from Southeast Queensland. **Austral Ecology**. In press (**Impact factor – 1.8**).
3. Hussain, B., K. Dawar, **I. Khan** and A. Abbas. 2016. Effect of various levels of NP fertilizers on maize (*Zea mays* L.) under different moisture conditions. **International Journal of Agronomy and Agricultural Research (IJAAR)**. Vol. 8, No. 4, p. 54-66. (**Impact factor – 1.759**).
4. Nawazish, S., S. M. Bukhari, A. Muhammad, **I. Khan**, A. J. Alhassan, M. Hussain and A. Zaidi. 2016. Comparative analysis of toxic metals on Motorway and National Highway. **Kuwait Journal of Science**. In press (**Impact factor – 0.091**).
5. Mubarik, S., **I. Khan**, M. Shuaib, R. A. Memon, G. Shaheen and Hashmatullah. 2015. Allelopathic effect of important weeds on growth and germination of maize (*Zea mays*). **Pak. J. Weed Sci. Res.** 21(2): 173-180.
6. Habib-Ul-Hassan, W. Murad, N. Ahmad, A. Tariq, **I. Khan**, N. Akhtar and S. Jan. 2015. Indigenous uses of the plants of Malakand valley, district Dir (Lower), Khyber Pakhtunkhwa, *Pakistan*. **Pak. J. Weed Sci. Res.** 21(1): 83-99.
7. Naz, R., **I. Khan** and M. Fazil. 2014. Taxonomic determination of algae of sangota District swat, Pakistan. 2014. **Pak. J. Weed Sci. Res.** 20(4): 465-478.
8. Shuaib, M., **I. Khan**, Sharifullah, R. Khan, Hashmatullah, S. Mubarik and R. Naz. 2014. Ethnobotanical studies of spring flora of Dir Lower, Khyber Pakhtunkhwa, *Pakistan*. **Pak. J. Weed Sci. Res.** 20(1): 37-49.
9. Khan, R., M. A. Khan, S. Sultan, K. B. Marwat, **I. Khan**, G. Hassan and H. U. Shah. 2013. Nutritional quality of sixteen terrestrial weeds for the formulation of cost-effective animal feed. **The Journal of Animal and Plant Sciences**. 23(1 Suppl.): Page: 75-79. (**Impact factor – 0.638**).
10. Khan, I. A., M. I. Khan, **I. Khan**, M. Imran, M. Idrees and S. Bibi. 2013. Effect of different herbicides and plant extracts on yield and yield components of wheat (*Triticum aestivum* L.). **Pak. J. Bot.** 45(3): 981-985. (**Impact factor – 1.207**).
11. **Khan, I.**, C.O'Donnell, S. Navie, D. George and S.W. Adkins. 2012. Weed seed spread by vehicles: a case study from southeast Queensland. **Pak. J. Weed Sci. Res.** 18, Special Issue; 281-288.
12. Khan, A. M., Z. Hussain, **I. Khan**, R. Khan, M. Waqas, M. Haroon, Z. Ali and I. A. Khan. 2012. Studies on weed seed bank of new developmental Farm, KPK Agricultural University Peshawar, Pakistan. **Pak. J. Weed Sci. Res.** 18 (2): 183-189.
13. Murad, W., A. Ahmad, G. Ishaq, M. S. Khan, A. M. Khan, I. Ullah, Azizullah and **I. Khan**. 2012. Ethnobotanical studies on plant resources of Hazar Nao forest, district Malakand, Pakistan. **Pak. J. Weed Sci. Res.** 18 (4): 509-527.
14. Ali, H., H. Ahmad, M. Yousaf, K. B. Marwat, B. Gul and **I. Khan**. 2012. Trade potential and conservation issues of medicinal plants in district Swat, Pakistan. **Pak. J. Bot.** 44(6): 1905-1912. (**Impact factor – 1.207**).
15. Khan, M. I., G. Hassan, **I. Khan**, K. B. Marwat, and M.A. Khan. 2011. Factors influencing seed germination of wild onion and chickpea cultivars. **Pak. J. Bot.** 43(6): 2787-2792. (**Impact factor – 1.207**).

16. Khan, M. I., G. Hassan, **I. Khan**, K. B. Marwat, N. U. Khan and R. Gul. 2011. Tolerance of chickpea (*Cicer arietinum* L.) cultivars to the major chickpea herbicides. **Pak. J. Bot.** 43(5): 2497-2501. **(Impact factor – 1.207).**
17. **Khan, I.**, K. B. Marwat, I. A. Khan, H. Ali, K. Dawar, H. Khan. 2011. Invasive weeds of southern districts of Khyber Pakhtunkhwa, Pakistan. **Pak. J. Weed Sci. Res.** 17 (2):161-174.
18. Dawar, K., **I. Khan**, S. Khan and M. I. Khan. 2011. Effect of urea with or without urease inhibitor (NBPT) and herbicide on maize yield. **Pak. J. Weed Sci. Res.** 17(2):207-213.
19. Dawar, K., **I. Khan**, S. Khan, M. I. Khan. 2011. The impact of urease inhibitor (NBPT) and herbicide on the yield and quality of wheat. **Pak. J. Weed Sci. Res.** 17(2): 187-194.
20. Khan, N. U., G. Hassan, K. B. Marwat, M. B. Kumbhar, **I. Khan**, Z. A. Soomro, M. J. Baloch and M. Z. Khan. 2009. Legacy study of cotton seed traits in upland cotton using griffing's combining ability model. **Pak. J. Bot.** 41(1): 131-142. **(Impact factor – 1.207).**
21. Khan, N. U., G. Hassan, M. B. Kumbhar, S. Kang, **I. Khan**, A. Parveen and U. Aiman. 2007. Heterosis and Inbreeding Depression and Mean Performance in Segregation Generations in Upland Cotton. **European Journal of Scientific Research** ISSN 1450-216X Vol.17 No.4 pp.531-546. **(Impact factor – 0.74).**
22. **Khan, I.**, Razzaq and M. Islam. 2007. Ethnobotanical studies of some medicinal and aromatic plants at higher altitudes of Pakistan. **American- Eurasian J. Agric. & Environ. Sci.** 2(5): 470-473.
23. **Khan, I.**, K. B. Marwat, Z. Hussain, 2007. Chemical weed management in wheat at higher altitudes. **Commun. Agric. Appl. Biol. Sci.** 72 (2):259-64.
24. Islam, M., H. Ahmad A. Razaq, N. Akhtar, A. Rashid and **I. Khan**. 2006. Weeds and medicinal plants of Shawar Valley, District Swat. **Pak. J. Weed Sci. Res.** 12(1-2): 82-86.
25. Hanif, Z., S. A. Khan, K. B. Marwat, I. A. Khan and **I. Khan**. 2004. Important Weeds of wheat Crop in Malakandher Farm, N.W.F.P. Agricultural University Peshawar. **Pak. J. Weed Sci. Res.** 10(3-4): 109-112.
26. Khan, M. A., N. Khan and **I. Khan**. 2004. *Phragmites australis* (Cav): A new invasive weed in Pakistan. **Scientific Khyber.** 17(2): 169-173.
27. Khan, N., **I. Khan** and M. A. Khan. 2004. Major Rabi and Kharif Weeds of agronomic crops of district Bannu. **Pak. J. Weed Sci. Res.** 10(1-2): 79-86.
28. Khan, N., K. Naveed and **I. Khan**. 2003. Efficacy of different herbicides measures on weed control and on yield and yield components of wheat crop. **Asian. J. Plant Sci. Res.** 2(14): 1024-1026.
29. Khan, N., G. Hassan, M. A. Khan and **I. Khan**. 2003. Efficacy of different herbicides for controlling weeds in wheat crop at different times of application- 1. **Asian. J. Plant Sci. Res.** 2(3): 305-309.
30. **Khan, I.**, G. Hassan and K. B. Marwat. 2002. Efficacy of different herbicides for controlling weeds in wheat crop- II. Weed Dynamics and herbicides. **Pak. J. Weed Sci. Res.** 8(1-2): 41-47.
31. **Khan, I.**, Z. Muhammad, G. Hassan and K. B. Marwat. 2001. Efficacy of different herbicides for controlling weeds in wheat crop -1. **Scientific Khyber.** 14(1): 51-57.

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32. **Khan, I.**, S. Navie, D. George and S. W. Adkins. 2015. Seed kill through heat, moisture and solar radiation under clear plastic mulch. **Weed Research** (submitted- **Impact factor – 2.015).**

33. Khan, I., S. Navie, D. George, C. O' Donnell, C. Campbell, W. Vogler and S. W. Adkins. 2015. Prevention of vehicular weed invasion through their seeds on vehicles: Efficacy of wash down facilities. **Ecological Applications** (Submitted- **Impact factor – 2.7**).
34. Khan, I., S. Navie, D. George and S. W. Adkins. 2015. Weed seed spread through domesticated animals and green baled fodder in Queensland, Australia. **Journal of Agriculture, Ecosystems & Environment** (Submitted- **Impact factor – 3.203**).
35. Khan, I., S. Navie, D. George and S. W. Adkins. 2015. Weed seed spread through animals and grain seed lots in Khyber Pakhtunkhwa, Pakistan. **Weed Biology and Management** (Submitted **Impact factor – 0.537**).
36. Malik, S. and I. Khan. 2015. Effect of gamma radiations (using 60Co) on seed germination and growth of turnip plant (*Brassica rapa* L.). **The Journal of Animal and Plant Sciences** (in press **Impact factor – 0.638**).

Conference Abstracts

37. Khan, I., S. Navie, D. George and S. W. Adkins. 2013. Prevention of weed invasion through small vehicles in Queensland, Australia. Sixteen European Weed Research Society Symposium, Samsun, Turkey, held on June 24-27.
38. Adkins, S.W., N. Khan, T. Nguyen, A. Shabbir, I. Khan, Z. Hanif, A. Belgeri, R. Toh and S. Allan. 2013. The invasive alien plant parthenium weed: impacts upon crop production, human and livestock health and plant biodiversity. 24th Asian Pacific Weed Science Conference (APWSS) held in West Java, Indonesia, on October 22-25.
39. Khan, I., C. O'Donnell, S. Navie, D. George, T. Nguyen and S. W. Adkins. 2013. Weed seed spread by vehicles. 12th Queensland Weed Symposium, at The Boat Club, Hervey Bay, Australia, held on July 15-18.
40. Adkins, W. S, N. Khan, T. Nguyen, A. Shabbir, I. Khan, Z. Hanif, A. Belgeri, R. Toh and S. Allan. 2013. Parthenium weed (*Parthenium hysterophorus* L.): a significant threat to the agroecosystems of southern Asia. The 4th Tropical Weed Science Conference, January 23-25, Chiang Mai, Thailand.
41. I. A. Khan, B. Gul, M. Saeed and I. Khan. 2012. Impact of soil solarization in combination with other weed control strategies on weed management in onion nurseries. 4th International Weed Science Congress, Agricultural University Peshawar, Pakistan, September 06-08.
42. Khan, I., S. Navie, D. George, S. Campbell, S. Adkins, W. Vogler. 2012. Efficacy and improvement of wash down facilities in preventing weed seed spread by vehicles in Queensland, Australia. IENE International Conference, Safeguarding Ecological Functions Across Transport Infrastructure, Potsdam, Germany, October 21 – 24, page 255.
43. Adkins, S.W., C. O'Donnell, N. Khan, T. Nguyen, I. Khan, A. Shabbir, K. Dhileepan, D. George, Z. Hanif, R. Toh, A. BelgeriGarcia, S. Navie, L. Strathie, A. McConnachie, L. Nigatu, G. Hassan, G. Naseem, and W. Mersie. 2011. Towards the sustainable management of parthenium weed (*Parthenium hysterophorus* L.) under a changing climate: An international collaborative approach. Invasive Weeds as a Threat to Agriculture and Human Health- Symposium at the recent 2011 APS-IPPC Joint Meeting Sessions in Honolulu, Hawaii, USA, August 6-10.
44. Adkins, S.W., C. O'Donnell, N. Khan, T. Nguyen, I. Khan, A. Shabbir, K. Dhileepan, D. George and S. Navie. 2010. Parthenium weed (*Parthenium hysterophorus* L.) research in Australia: New management possibilities. Australasian Weeds Conference held in New Zealand, Christchurch, September 26-30.

45. **Khan, I.**, C.O'Donnell, S. Navie, D. George and S. Adkins. 2010. Weed seed spread by vehicles: A preliminary study from southeast Queensland, Australia. Oral Presentation in the 22nd Asian Pacific Weed Science Conference (APWSS) in Lahore, Pakistan, March 08-12.
46. Adkins, W. S., C. O'Donnell, N. Khan, T. Nguyen, **I. Khan**, A. Shabbir, K. Dhileepan, D. George, Z. Hanif, R. Toh, A. B. Garcia, S. Navie, L. Strathie, A. McConnachie, L. Nigatu, G. Hassan, G. Nasim and W. Mersie. 2010. Towards the sustainable management of parthenium weed (*Parthenium hysterophorus* L.) under a changing climate: An international collaborative approach. Third International Conference on Parthenium Weed, December 8-10, 2010, organized by Indian Agricultural Research Institute, New Delhi and Entomological Society of India with Indian Council of Agricultural Research, New Delhi, Medical Council of India, National Biodiversity Authority, India, Department of Biotechnology.
47. **Khan, I.**, and K. B. Marwat. 2008. Biodiversity at risk from extinction due to invasive weeds. Annual meeting of the Society for conservation biology SCB, The University of Tennessee at Chattanooga's Department of Biological and Environmental Sciences, Chattanooga, Tennessee, USA, July 13-18.
48. **Khan, I.**, K. B. Marwat and Z. Hussain. 2007. Chemical weed management in wheat at higher altitudes. Proc. 59th International Symposium, Crop Protection, Gent, Belgium, May 22, Page: 259.
49. Hassan, G., M. Tariq, I.A. Khan, I. Khan and **I. Khan**. 2006. Interference of wild oats with wheat. Second International Conference, University of Arid Agriculture, Rawalpindi, March 20-22. Page: 22.
50. Saeed, M. K. B. Marwat and **I. Khan**. 2006. Weed Management in dry lands of Pakistan. International Symposium on Dry lands Ecology and Human Security (ISDEHS 2006), Dubai (UAE), Abstract No.228/2006 Page: 81.
51. Hussain, Z., K. B. Marwat, **I. Khan**, M. Saeed and B. Gul. 2006. Evaluation of Chemical Weed Control in Wheat at Different Densities and Sowing Methods under Rainfed Conditions. International Symposium on Dry lands Ecology and Human Security (ISDEHS 2006), Dubai (UAE), http://isdehs.com/html/2006_247.html.
52. Khan, I. A., G. Hassan, S. Ahsan, S. Bibi and **I. Khan**. 2006. Comparison of different wild oats Biotypes. Second International Conference, University of Arid Agriculture, Rawalpindi, March 20-22, Page: 55.
53. **Khan, I.** and K. B. Marwat. 2006. Invasive weeds threat to the biodiversity, A Case Study District Lakki Marwat. International Symposium on Dry lands Ecology and Human Security (ISDEHS 2006), Dubai (UAE). Abstract No. 94/2006, Page: 53.
54. **Khan, I.**, K. B. Marwat and Z. Hussain. 2005. Efficacy of different herbicides for weed management in wheat crop at higher altitudes. 1st Kashmir International Science Conference, University of A. J. & K., September 220-21, Page: 17.
55. **Khan, I.**, K. B. Marwat and A. Rasheed. 2003. Invasive Weeds Threat to the Biodiversity. First International Conference, NWFP Agricultural University Peshawar, Pakistan, held in October 23-26.