
Professor Dr. HAMAYOON KHAN

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Personal Information:

Name: Hamayoon Khan
Father's Name: Haji Nowsher Khan
Permanent address: Mohalla: Babi Khail, Village & Post Office: Taraki,
Tehsil: Razar, District: Swabi, Khyber Pakhtunkhwa- Pakistan.
Date of Birth: 11-04-1970
C.N.I.C.No: 16202-3234014-3
Domicile: Swabi
Religion: Islam
Marital Status: Married
Nationality: Pakistani
Languages: Pashto, Urdu & English

Professional Goal:

My objective as plant nutritional specialist and Environmental Scientist is to improve the quality and sustainability (both environmental and economic) of life on earth by developing such cropping systems, techniques and projects that mitigate the impact of climate change and fit better into the natural world and produce more with less. Currently I play two primary official roles i.e. as a teacher (in the class room) and as a supervisor of research students. However, I also have two "unofficial" roles as a mentor and as a role model in my daily activities and in developing my programs research focus.

Area of Specialization:

Crop Physiology, Soil Plant Water Relation and Crop Nutrition, Environmental Conservation Science, Climate Change & NRM

HEC Approved Supervisor: Yes

Academic Qualifications:

1. **Post Doctorate** Ehime University Matsuyama Japan, September 2011 to October 2012.
2. **Ph.D. (Environment Conservation Science)-2009**-Department of Life Environment Conservation Science, The United Graduate School of Agricultural Sciences, Ehime University, Matsuyama, Japan

PhD Thesis Title: "Adsorption Behavior of Water on Allophone and its Relationship with the Agronomic Traits of Soybean Cultivation"

PhD Advisor:

Dr. Teruo Henmi, Professor in Soil & Environmental Sciences Department, Dean Faculty of Agriculture, Ehime University Matsuyama, Japan

3. **MS (Environment Conservation Science)-2006**-Department of Agricultural Bioresource Science, The United Graduate School of Agricultural Sciences, Ehime University, Matsuyama, Japan

MS Advisor:

Dr. Teruo Henmi, Professor in Soil & Environmental Sciences Department, Dean Faculty of Agriculture, Ehime University Matsuyama, Japan

3. **M.Sc (Hons) (Agronomy)-1995**-The University of Agriculture, Peshawar-Pakistan
4. **B.Sc. Hons (Agronomy)-1994**-The University of Agriculture, Peshawar-Pakistan

Examination Passed	Board /University	Year of Passing	Marks Obtained	%age	Division
Post Doctorate	Ehime University	2011	-	-	A-grade
Ph. D	Ehime University	2009	-	-	A-grade
MS	Ehime University	2006	-	-	A-grade
M.Sc (Hons) Agronomy	The Uni. of Agric. Peshawar	1995	839/1000 CGPA 3.90/4	84.00	1 st
B.Sc (Hons) Agronomy	The Uni. of Agric. Peshawar	1993	4385/5400 CGPA 3.87/4	81.20	1 st
F.Sc	F.G College, H-9, Islamabad	1989	716/1100	65.09	1 st
Matriculation	B.I.S.E Peshawar	1986	583/850	68.59	1 st

Teaching and Research Experience:

- **Professor**, Department of Agronomy, University of Agriculture Peshawar-Since 2012-till date-
- **Associate Professor**, Department of Agronomy, University of Agriculture Peshawar-Since 2009-2012.
- **Assistant Professor**, Department of Agronomy, University of Agriculture Peshawar-Since 2005-2009.
- **Lecturer**, Department of Agronomy, University of Agriculture Peshawar- Since 1996 -2005.

Research Publications: (57 Publications in Peer Reviewed HEC recognized/Refereed Journals)

Impact Factor Publications

1. Farzana Gul, Muhammad Hamayun, Anwar Hussain and Hamayoon Khan. 2019. A promising growth promoting meyerozyma caribbica from solanum xanthocarpum alleviated stress in maize plants. Bioscience repots, 39, 1-15.
2. Mitigating climate change effects on maize production through sowing time alteration and hormonal application. 2019.
3. Nausheen Ameer, Ghulam Mustafa, Imran Khan and **Hamayoon Khan**. 2018. Chemical Senses: Promising Tools for the Online Monitoring of Flourides. Research Review. Flourides 51(3) 252-266.
4. Rozina Gul , **Hamayoon Khan** , Shahenshah, Naqib Ullah Khan , Noreen Asim, Abdul Latif and Ko Harada. 2018. Characterization for Nodulation and Detection of Duplicate Gene Action of Dominant Epistasis Controlling Root Nodulation in Chickpea (Cicer arietinum). Int. J. Agric. Biol., 20: 683–688
5. Surraya Shahab, Ghulam Mustafa, Imran Khan and **Hamayoon Khan**. 2017. Effects of Flourides Ion Toxicity on Animals, Plants and Soil Health. Research Review. Flouride 50(4) 393-408
6. **Hamayoon Khan**, Rozina Gul and Naqib Ullah Khan. 2017. Appraisal of interaction among nipping and chickpea (cicer arietinum IF.) Genotypes and their correlated response for grain yield. The JAPS., 27(4) 1295-1302.
7. Gul, M. Saeed, H. Khan, **Hamayoon 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.
8. Zafrullah Khan, Shah Alam Khan, **Hamayoon Khan**, Naeem Khan, Khwaja Junaid and Inamullah Khan (2017). Seven Local Commercial Wheat Cultivars Tested for Resistance against Rhopalosiphum padi L. in Pakistan. Pak. J. Zool., vol. 49(3), 793-799
9. Anum Aslam, Sofia Khalid, **Hamayoon Khan** and M. N. Ahamd. 2016. Determination of fluoride concentration in tooth pastes and mouth washes marketed in Rawalpindi by ion selective electrode method. Fluoride J. (Accepted for Publication)
10. Khan, I.A., G. Hassan, N. Malik, R. Khan, **Hamayoon Khan** and S.A. Khan. 2016. Effect of herbicides on yield and yield components of hybrid maize (Zea mays). 2016. Planta Daninha, Volume 36(4): 21-25.
11. A.U. Haq, N.U. Khan, H. Raza, S. Gul, S. Akbar, S.U. Khan, S. Muhammad, M. Ali1, **H. Khan** and S.M. Khan (2017). Genetic attributes of f3 populations and their parental lines in upland cotton. The JAPS, 27(2), 655-666

12. Shahan shah, Ghufraan ghani , **Hamayoon Khan** , Muhammad arif , Abdul qahar , Inamullah , Asad ali and Musharaf ahmad (2015). Response of maize cultivars to phosphorus and zinc nutrition. *Pak. J. Bot.*, 47(SI): 289-292
13. Rozina Gul, **Hamayoon Khan**, Arif Khan and Naqibullah Khan. (2014). Characterization of chickpea germplasm for nodulation and effect of rhizobium inoculation on nodules number and seed yield. *The Journal of Animal & Plant Sciences*, 24(5):1421-1429
14. Rozina Gul, **Hamayoon Khan** and Naqibullah Khan. (2014). Genetic linkage effect on inheritance of nodulation and leaf color in chickpea (*Cicerarietinum L.*). *SABRAO Journal of Breeding and Genetics* 46 (1) 89-98.
15. Farhan Ali, Rozina Gul, **Hamayoon Khan**, HidayatUllah. (2013). Heterosis and early generation testing is a pivotal method for production of hybrid. *Australian Journal of Crop Science*, 7(11):1728-1736
16. Rozina Gul, **Hamayoon Khan** and Maryam Bibi. (2013). Genetic analysis and interrelationship of yield and yield attributing traits in chickpea (*Cicerarietinum L.*). *The Journal of Animal & Plant Sciences*, 23(2): 2013, Page: 521-526.
17. **Hamayoon Khan**, Naoto Matsue and TeruoHenmi. (2006). Adsorption of Water on nano-ball allophane. *Journal of Clay Science Japan*, 12 (2): 261-266.
18. **Hamayoon Khan**, Naoto Matsue and TeruoHenmi. (2006). Adsorption of water on nano-ball allophane as affected by heat treatment. *Journal of Clay Science Japan*, 13 (2): 43-50.
19. Rozina K., **Hamayoon Khan**, K. Harada. 2010. Evaluation of microsatellite markers to discriminate induced mutation lines, hybrid lines and cultigens in chickpea (*Cicerarietinum L.*). *Aust. J. crop Sci*, 4(5),301-308
20. Rozina. H., **Hamayoon Khan**, Shahenshah, L. Naz, I. Munir, M. Arif, I.A. Khalil, and A.Z. Khan. 2011. Performance of chickpea genotypes under two different environmental conditions. *Afr. J. Biotechnol.*, 10(9),1534-1544
21. Rozina G., **Hamayoon Khan**, M. Bibi, Q.U. Ain, B. Imran. 2013. Genetic analysis and interrelationship of yield attributing traits in chickpea (*Cicerarietinum L.*). *The J. An. & Pl. Sci.*, 23(2): 2013: 521-526
22. **Hamayoon Khan**, Amir Z. Khan, P. Shah, F. Mohd, Amanullah, S. Perveen, S. Nigar, S.K. Khalil and M. Zubair. (2010). Vigor test used to rank seed lot quality and predict field emergence in wheat. *Pak. J. Bot.*, 42(5): 3147-3155.
23. **Hamayoon Khan**, Amir Z. Khan, R. Khan, S. Nigar, B. Saeed, H. Gul, Amanullah, S. Wahab, A. Muhammad, M. Ayub, N. Matsue and T. Henmi. (2011). Morphology and Yield of Soybean grown on Allophanic Soil as Influenced by synthetic Zeolite Application. *Pak. J. Bot.* 43(4): 2099-210.
24. **Hamayoon Khan**, Amir Z. Khan, P. Shah, S. Nigar, S. Perveen, M.K. Shah, Amanullah, S. K. Khalil, S. Munir and M. Zubair (2011). Seed Quality and Vigor of Soybean Cultivars as Influenced by Canopy Temperature. *Pak. J. Bot.*, 43(1): 643-648.

25. **Hamayoon Khan**, M.Shafi, JehanBakht, Satta Ali, M. Aman Khan, and M. Sharif. 2012. Effect of planting density on phenology, growth and yield of maize (*Zea mays* L.). Pak. J. Bot., 44(2), 691-696.
26. Shad K.K., F. Khan, A. Rehman, F. Muhammad, Amanullah, A.z. Khan, S. Wahab and **Hamayoon Khan**. 2011. Dual purpose wheat for forage and grain yield in response to cutting, seed rate and nitrogen. Pak. J. Bot., 43(2); 937-947.
27. Amanullah, S. Shah and **Hamayoon Khan**. 2014. Effect of variable nitrogen sources and rate on leaf area index and total dry matter accumulation in maize *Zea mays* L., genotypes under calcareous soils. Turkish Journal of field Crops. 19(2):276-284.
28. Khan S.A, J. C. Reese, Predeesh C, Murugan. M Hayat. Y and **Hamayoon Khan**. Categories of resistance in wheat to green bug *schizaphisgraminis* (rondani) through a novel technique direct current electrical penetration graph (DC-EPG). Accepted for publication in Pakistan Journal of Botany.

National and International Publications/ (HEC Recognized)

1. Naimat Ullah, Asim Muhammad, Habib Ullah Marwat, **Hamayoon Khan** and Muhammad Subhan (2017). Vigour and viability of osmoprimed harvested seeds of wheat varieties. Journal of Agricultural and Biological Science, 12 (1), 12-18
2. Asim Muhammad, Inamullah, **Hamayoon Khan** and Muhammad Arif (2017). Germination and field emergence potential of soybean land races vs improved varieties under different sowing dates. Pure Appl. Biol., <http://dx.doi.org/10.19045/bspab.2017.60007>
3. Fayaz Ahmed and **Hamayoon Khan**. 2016. Effect of different fertilizer treatments on the performance of some local rice varieties under SRI (system of rice intensification) and conventional management practices in district Swat. Pure Applied Biology., 5(1): 37-47
4. Soshma Jan, Rozina Gul, Fahim Ullah Khan, **Hamayun Khan** and Sana Saeed. 2015. Interrelationships among yield and yield components in chickpea (*Cicer arietinum* L.) under irrigated and rainfed conditions. Pure Appl. Biol. 4(4): 551-556
5. **Hamayoon Khan**, M. Arif, R. Gul and K. Naveed. 2001. The Residual effect of groundnut crop and soil amendments on the performance of gram under rain fed condition. Sarhad J. Agric. Vol. 17(4). 525-531
6. **Hamayoon Khan**, M. Arif, R. Gul, N. Ahmad and I. A. Khan. 2002. Effects of sowing dates on maize cultivars. Sarhad J. Agric. Vol. 18(1):159-163.
7. Rozina G., **Hamayoon Khan**, S. Sattar, Farhatullah, F. Munsif, Shadman S. A. K. Bangash and S. H. Khattak. 2011. Comparison among nodulated and non-nodulated chickpea genotypes. Sarhad J. Agri., 27(2): 577-581.
8. Rozina G., **Hamayoon Khan**, G. Mairag, S. Ali, Farhatullah and Ikramullah. 2007. Correlation Study on Morphological and Yield Parameters of Mungbean (*Vigna radiata*). Sarhad J. Agric. 24(1): 37-42.
9. Rozina K., Farhatullah and **Hamayoon Khan**. 2011. Dissection of variability and heritability estimates of chickpea germplasm for various morphological markers and quantitative traits. Sarhad J. Agric. 27(1): 67-72.
10. Mohsin R., **Hamayoon Khan**, F. Karim and M. J. Tahir 2003. Nitrogen use efficiency as affected by time of application in rice (IRRI-6). Sarhad J. Agric. Vol. 19, No.4.
11. Mohsin R., **Hamayoon Khan**, M.J. Tahir, M. Hussain and Shahenshah. 2004. Effect of different combinations of NPK on growth and yield of seed cotton varieties CIM-443. Sarhad J. Agric. 20(1):1-4.
12. B. Ahmad, Mohammad, **Hamayoon Khan**, and S.Z. Iqbal 1999. Seed production and yield component as affected by seed size, and spacing of steckling in turnip (*brassica Rapa* L.). Sarhad J. Agric. Vol. 15 (5).

13. B. Ahmad, I. Mohammad, M. shafi, H. Akbar, Hamayoon Khan, and A. Razaq (1999). Effect of row spacing on the yield and yield components of wheat (cultivar, Bakhtawar-92). Sarhad j. Agric. Vol. 15 (2).
14. Tariq M., R. Gul, F. Munsif, F. Jalal, Z. Hussain, N. Noreen, Hamayoon Khan, Nasiruddin and H. Khan. 2011. Effect of phosphorus levels on yield and yield components of maize. Sarhad J. Agric. 27(2): 167-170.
15. Saifullah, A. Jan, F. Munsif, M. Arif, Hamayoon Khan, K. Ali, M. Waqas and A. Ali. 2011. Performance of millet varieties under different irrigation levels. Sarhad J. Agric. 27(1); 1-7.
16. Muhammad A., Ihsanullah, S. Khan, F. Ghani and Hamayoon Khan (2001). Response of maize varieties to different planting methods. Sarhad J. Agric. Vol. 17 (2); 159-163.
17. Habib A., Siraj-ud-Din, M. shafi, J. Bakht, B. Ahmad and Hamayoon Khan (2000). Yield and yield components of wheat and gram planted in monoculture and in combination at different row directions and crop geometry. Sarhad J. Agric. Vol. 16 (3).
18. Fida M., H. Daniel, K. Shahzad and Hamayoon Khan (2001). Heritability estimations for yield and its components in wheat. Sarhad J. Agric. Vol 17 (2).
19. Fazal H. T., A.Z. Khan, J. M. Khan, S. K. Khalil and Hamayoon Khan (2002). Field performance of maize planted at different seeding depth and seed size. Pak. J. seed tech., 1(2).
20. Hamayoon Khan, N. Matsue and T. Henmi (2007). Adsorption of Water on Nano-Ball Allophane as Affected by Dry Grinding. Int. J. Soil Sci., 2 (4): 247-257.
21. Amir Z. K., Hamayoon Khan, R. Khan, A. Ghoneim and A. Ebid. 2007. Seed Development Profile of Soybean as Influenced by Planting Dates and Cultivars under Temperate Environment. Am. J. Plt. Phys. 2(4):251-260.
22. Amir Z. K., Hamayoon Khan and R. Khan. (2007). Influence of Canopy Temperature on Physio-Chemical Quality of soybean. Research Journal of Botany, 2 (4) 202-207.
23. Amir Z. K., Hamayoon Khan, A. Ghoneim, R. Khan and A. Ebid. 2007. Seed Quality and Vigor of Soybean as Influenced by Planting Dates, Density and Cultivar under Temperate Environment. Int. J. of Agric. Res. 2 (4): 368-376.
24. Amir Zaman Khan, Hamayoon Khan, R. Khan and A. Ghoneim and A. Ebid. 2007. Comparison of Different Wheat Seed Categories (VS) Farmer' seed: Yield and Yield Components. Trends in Appl. Sci. Res. 2(6):529-534,
25. Hamayoon Khan, A. Z. Khan, R. Khan, N. Matsu and T. Henmi. 2008. Zeolite Application Affects Vegetative Phenology of determinate and indeterminate soybean grown on Allophanic soil. Int. J. Agric. Res. 3(2): 148-154.
26. Hamayoon Khan, A. Z. Khan, R. Khan, N. Matsu and T. Henmi. 2008. Water adsorption and surface acidity of nano-ball Allophane as affected by heat treatment. J. Env. Sci. & tech. 2 (1): 22-30.
27. Hamayoon Khan, A. Z. Khan, R. Khan, N. Matsu and T. Henmi. 2008. Soybean Leaf Area, Plant height and Reproductive Development as influenced by Zeolite Application and Allophanic Soil. J. plt Sci. 3(4): 277-286.
28. Hamayoon Khan, A. Z. Khan, R. Khan, N. Matsu and T. Henmi. 2009. Influence of Zeolite Application on Germination and Seed Quality of Soybean grown on Allophanic soil. Res. J. Seed Sci. 2(1):1-8
29. Rozina Gul, Sajid Ali, Hamayoon Khan, Nazia, Farhan Ali and Imran Ali. 2007. Variability among Mungbean (*vigna radiate*) Genotypes for yield and Yield Components Grown in Peshawar Valley. J. Agric. Bio. Sci. 1 (4):6-9.

Administrative experience:

- Working as Director Climate Change Centre, The University of Agriculture Peshawar 21 December, 2018 till date
- Director Teaching, The University of Agriculture Peshawar, January 23, 2017 till date,

Other Administrative and Academic Services:

- **Member of University Syndicate:** 2001-2003
- **Warden:** Hostel No. 07, From 12-09-1997 to 04-09-2000
- **Staff Proctor:** From 12-09-1997 to 04-09-1999
- **Convener** University Maintenance and Repair Committee, The University of Agriculture Peshawar
- **Convener** tour committee, The University of Agriculture Peshawar
- **Convener** University Affiliation Committee, The University of Agriculture Peshawar
- Member of Board of Advanced Studies and Research, The University of Agriculture Peshawar
- External Examiner, University of Peshawar
- External Examiner, ARID Agriculture University Rawalpindi

Research Projects Completed:

1. Adaptability and Production technology of Jatropha Plants the project was Rs. 1.0 Million.
2. Integrated use of Biochar, Fyn and nitrogen fertilizer for enhancing productivity of cereal and legume based cropping patterns.
3. Establishment and Strengthening of Climate Change Center in the University of Agriculture Peshawar. 17.6 Million

Experience of Working with International bodies:

- Participated Actively in "2018 Seminar on Management of Agricultural Production for Pakistan" at China from October 30th -November 19th , 2018
- Vast experience of working with Japanese academician's including many from different parts of the world as M.Phil and then as PhD Scholar from 2003 to 2009.
- One year research experience at Ehime University Japan as post-doctoral fellow.

Experience of organizing/participating National & International Trainings/Conferences/Workshops:

- Organized a two days international conference on "Strategies for ensuring food security in the changing climate" October 23-24, 2019 at The University of Agriculture Peshawar.
- Organized a two days international conference on "Innovations in Agriculture" March 28-29, 2017, at The University of Agriculture Peshawar, Pakistan.
- Organized a three days international conference on "Climate Smart Agriculture" January 27-29, 2018. At the university of Agriculture Peshawar.
- Organized a three days International Conference on "Climate Change Threats to Agriculture and Food Security" November 22-24, 2017 at The University of Agriculture Peshawar, Pakistan.

- Organized a two days training workshop on "How to Write a Worth Publishing Research Paper" October 18-19, 2017, at The University of Agriculture Peshawar, Pakistan.
- Organized a workshop for Women on "Research Methodologies and Scientific Writing" 7th February, 2018, at The University of Agriculture Peshawar, Pakistan.
- Organized a Post Graduate Research Symposium on March 24th, 2016, at The University of Agriculture Peshawar, Pakistan.
- Participated/Presented research work in a two days international conference on "Strategies for ensuring food security in the changing climate" October 23-24, 2019 at The University of Agriculture Peshawar.
- Participated Actively in "2018 Seminar on Management of Agricultural Production for Pakistan" at China from October 30th -November 19th, 2018
- Participated/Presented a research work in international workshop on "Sustainable food security under climate change" July 26-28, 2018 at Serena Hotel Islamabad, Pakistan
- Participated actively in a training on "Biosafety Training Workshop for Young Researchers" May 10th 2016.
- Participated/presented a research work in a Joint Seminar given by The United Graduate School of Agricultural Sciences, Ehime University, Matsuyama Japan, 29-31 August, 2007
- Presented a research work in The 13th international Clay Conference-Clay sphere: Past, Present and Future- and 49th Annual meeting of the Clay Science Society of Japan August 21-27, 2005. Waseda University, Tokyo, Japan.
- Presented a research work in Adsorption of water on nano-ball as affected by heat treatments, infrared and X-rays powder diffraction data. Clay Science Conference organized by the Japanese Society of Clay Science held in September 6-9, 2006.
- Presented a research work in Adsorption of water on nano-ball as affected by heat treatments, infrared and X-rays powder diffraction data. Clay Science Conference organized by the Japanese Society of Clay Science held in Hokkaido September 11-14, 2007.
- Presented a research work in Interaction between water molecule and surface structure of soil particles in relation to crop cultivation. Clay Science Conference organized by the Clay Science Society of Japan held in Okinawa, September 2-5, 2008.
- Presented a research work in Three days National Conference on "Innovative Technologies and Sustainable Development in Agriculture" on Aug.19-22, 2014 at Baragali (Abbottabad), under Agricultural University Teachers Association (AUTA)
- Presented a research work in One day seminar on "Production of medicinal plants in Pakistan" on February 07, 2012 organized By the Department of Agronomy, The University of Agriculture, Peshawar.

- Presented a research work in Two days conference titled "Recent Trends in Agronomic Strategies for further Green Revolution" under the Pakistan Society of Agronomy at the University of Agriculture, Peshawar on May 2-3, 2012.
 - Presented a research work in Three days International Conference titled "Climate Change: A Challenge for Agriculturists" on May 28-30, 2012 at the University of Agriculture, Peshawar, Pakistan as Conference Secretary.
 - Presented a research work in One day workshop on "Prospect of Jatropha biodiesel plant in Pakistan" on 19 June 2014 organized by the Agricultural University Teachers Foundation (AUTA) at The University of Agriculture, Peshawar Pakistan.
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Demonstrated Experience of Leadership:

- **President (two turns)** Federation of All Pakistan Universities Academic Staff Association (FAPUASA), 2011-12 & 2016-17.
 - **President** Federation of All Pakistan Universities Academic Staff Association (FAPUASA), 2012-2013, KP Chapter
 - **President (four turns)** Agriculture University Teachers Association (AUTA), 2011-12, 2012-13, 2015-16 & 2016-17
 - **Managing Director**, Agriculture University Teachers Foundation (AUTF), from 2016 till date
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QEC University Grading:

A+ grade in Quality Evaluation Reports in all the mentioned courses

Number BSc(Hons), Msc (Hons) and PhD students supervised and awarded degree:

- **PhD: (05 Completed & 02 in-progress)**
 - **MPhil: 57**
 - **BSc(Hons): 80**
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Referee/ Editor:

- Journal Revista Planta Daninha, Brazil
 - African Journal of Agricultural Science and Technology
 - Sarhad Journal of Agriculture
 - Referee Journal of Cereals & Oilseeds
 - Pakistan Tobacco Journal
-

Professional Societies Membership

- Crop Science Society of Japan
- Clay Science society of Japan
- Pakistan Society of Agronomy, Faisalabad
- Monbukagakusho Alumni Association of Pakistan (MAAP)
- The International Society for Agricultural Metrology

- Asia-Pacific Chemical, Biological & Environmental Engineering Society
 - Saudi Arabian Water Environment Association
-

Awards/ Distinctions:

- Monbukagakusho Scholarship (2003) for Ph.D., Government of Japan,
- Selected for "2018 Seminar on Management of Agricultural Production for Pakistan" organized at China from October 30th -November 19th , 2018
- First Position in B.Sc. Hons. Agronomy (Distinction)
- First Position in M.Sc Hons. Agronomy (Distinction)
- Best Debater Award (Inter college completion)

Countries visited:

1. Japan
2. Canada
3. Kingdom of Saudi Arabia
4. China
5. England
6. Bahrain
7. UAE

Linkages with Foreign Organizations

1. Xinjiang Hi-Tech Talents Manage Co. Ltd
 2. Xinjiang ShenXin science and technology cooperation base Co. Ltd
-

Collaborators & Other Affiliations

- Dr. Naoto Matsue, Professor, Soil and Environmental Sciences, Ehime University Matsuyama, Japan;
 - Dr. Iftikhar Ahmed, Director National Agriculture Research Council, Pakistan
 - Dr. RiazAllam, Senior Scientist, National Agriculture Research Council, Islamabad;
-

References:

1. Professor Dr. Naoto Matsue

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2. Professor Dr. Rozina Gul

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