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Objectives

“To work for sustainable crop production through natural resource and environmental management”.

Personal Information

Date of Birth April 04, 1973
Gender Male
Marital Status Married
Nationality Pakistani

Domicile

District Punjab, (Dera Ghazi Khan), Pakistan

Education

Degree	Year	Major Subject	Division	Board/University
Matric	1989	Science	1st Div.	BISE, D.G.K
F.Sc.	1992	Pre-medical	1st Div.	BISE, D.G. K
B.Sc. (Hons) Agri.	1997	Agronomy	1st Div.	Uni. of Agri. Faisalabad Pakistan
M.Sc. (Hons) Agri.	1999	Agronomy	1st Div.	Uni. of Agri. Faisalabad Pakistan
Ph.D.	2013	Crop cultivation and Farming System	Ist Div.	Northwest A&F Uni. P.R China

Crop management

- Conducting Research for the establishment of wheat crop under the *different crop management practices*.
- Working for the integrated use of nutrients for wheat crop management.
- Working for moisture conservation for better wheat crop management under rainfed condition.
- Conducting research for the establishment of wheat crop under the different cropping systems, residue management and tillage methods on wheat crop productivity.

Research and promotion of conservation agriculture

- Conducting different studies and as well as demonstration trials in the different areas of the country regarding promotion of resource conservation technologies i.e. Planting of wheat crop on ridges and as well as planting of wheat crop by using Zero tillage technology in the different areas of Rice-Wheat area of Punjab including Sheihkupura, Gujranwala, Hafizabad, Sialkote and Manadi Bahaudin etc.
- Similarly conducted studies and planted demonstration trials for the promotion of Berseem-Rice-Wheat rotation in comparison with the conventional Rice-Wheat

rotation demonstration plots in the different areas of Rice-Wheat area of Punjab including Sheihkupura, Gujranwala, Hafizabad, Sialkote and Mandi Bahaudin etc.

- Conducted *Farmers Field days for the promotion of conservation agriculture & crop rotations* i.e. Berseem-Rice-Wheat rotation in comparison with the conventional Rice-Wheat rotation were conducted in the Rice –Wheat area of Punjab and for the promotion of Mungbeen- Wheat rotation in comparison with the conventional Fallow-Wheat rotation demonstration plots and Farmers Field Days were conducted in the rainfed area of Potohar.
- In the **PSDP “Productivity Enhancement of Wheat Project”** conducted trainings of the farmers and staff of Agriculture Department of the different areas of the country for better wheat crop management for enhancing wheat productivity at farmer’s level.

Varietal Development

- Working for the development of *new high yielding, disease resistant wheat varieties* for the different ecologies of the country.
- Worked as team member and as well as a Program Leader for the development of new wheat varieties.
- During last few years Wheat Program has developed different wheat varieties including, **Borlaug-2016, Zincol-2016 , Markaz-2019, NARC Super & Wafaq-2023.**
- Working for the development of packages of production technologies for the development of new wheat varieties.

Plant Breeders Rights

- **NARC Super** is the first variety of Wheat Program, which has been approved for the **Plant Breeders Rights**.
- Worked as a **team member** and as well as a **Program Leader** for the development of this wheat variety.
- I am the applicant of this variety for its **Plant Breeders Rights**.

Radio programs

- Guidance of the farmers for the better management of wheat crop, through *radio program Sarsabz Pakistan*. Participated in more than **15** Radio programs and guided the **farmers of the country** for the better management of their wheat crop.

Webinar meetings / presentations

- Guided the farmers and other agriculture related people of the country for the better crop management under the different climatic conditions of the country through **2** different **Webinar meetings / presentations** along with the officers of **Pakistan Metrological Department**.

Trainings & technical meetings

- Participated in a number of international trainings.
- Participated in a number of technical meetings.

Seed production, processing, certification & sale

- *Supervising/Managing different operations* of seed production, cleaning, certification and sale to the famers of the country. Every year producing about **130-150 tones seed** of different categories (**BNS, Pre-basic, Basic and Certified**) of its different wheat varieties.

- Provided seed to Punjab Seed Corporation, seed companies, NGO,s and to the farmers.

Popularization of wheat varieties of Wheat Program NARC

- Popularized the newly developed improved bread wheat varieties i.e. Pakistan-2013, Borlaug-2016, Zincol-2016 and Markaz-2019 of wheat program NARC by on farm demonstrations, field days and farmer,s trainings.

Farmers Field Days / Trainings

- In the *PSDP “Productivity Enhancement of Wheat Project”* during crop season **2020-21** conducted **15** farmers Field Days / Trainings in which about **1400 Farmers/ Staff of Agriculture Extension Departments participated**. These trainings were arranged regarding.
- **Popularization of different wheat varieties** through on farm demonstrations.
- Farmers Field Days regarding promotion of *Mungbeen-Wheat vs Fallow-Wheat cropping systems*
- **Planting of wheat crop on ridges as compared with the conventional sowing and promotion of Berseem-Rice-Wheat vs Wheat-Rice-Wheat cropping system.**
- Trained the farmers for the **production of their own seed.**
- Training to the farmers for the use of *Hermatic bags* for the store of seed.

Training of the students

- Trained a lot number of students of different agricultural universities of the country (University of Agriculture Faisalabad, Peer Mehar Ali Shah University Rawalpindi, Gomal University D.I.Khan, Lasbaila Univeristy Baluchistan, Balaili College Quetta, for their **internships programmes.**

Training of the Farmers

- Trained the farmers for the production of their **own seed.**
- Trained the farmers for the better wheat crop production and environmental protection in the Seminar arranged by **Khushhali Bank.**
- Trained the farmers for the better wheat crop production in the Programmes arranged by **National Rural Support Programme (NRSP).**

Projects

- Involved in different projects as Financial and as well as Technical P.I of different projects including:
- Worked as *Project In charge (P.I) of PSDP-Productivity Enhancement of Wheat Project-* Wheat Programme NARC component.
- Worked as *Project In charge (P.I) of PSDP-Productivity Enhancement of Wheat Project-* Wheat Coordination PARC component.
- Implemented the Agronomic activities of *WPEP (Wheat Productivity Enhancement Project)* in the different areas of the country.
- Presently implementing the activities of **HarvestPlus project.**
- Presently implementing the activities of **WPEP (Wheat Productivity Enhancement Project).**
- Implemented the activities of a project entitled **“Accelerating the Mainstreaming of Elevated Zinc in Global Wheat Breeding: “A Fluoride in the Water” Approach of Nutrition”.**

- **Worked as a technical P.I of A.I.P- CIMMYT project**, and implemented the activities of this project.
- Implemented the activities of “**Consortium for Scaling – Up Climate Smart Agriculture in South Asia (C-SUCSeS)-project**, in rainfed area of Potohar.

Focal Person

- Focal Person for the exchange and Cooperation Consortium for **Agricultural Science & Technology in China-South Asia (ECCAST-CSA)**.
 - Focal Person for **Parthenium control** and participated in the different high level forums and gave presentations for the control of Parthenium.
 - Focal person **Organic Agriculture and** working for the promotion of Organic Agriculture in the country.

Member of different Course Committees of Universities

- Worked as a **course committee member** of Agriculture students of **Allama Iqbal University**.
 - Working as **Subject expert** for the **Advanced Studies** of **PMAS UAAR**.

Research Publications

- Jiang Cui, Quanguo Zhang, Lingling Yu, **Sikander Khan Tanveer**, Guiyuan Zhao and Qiang Guo. 2025. Effects of maize- soybean intercropping on soil respiration. *Bangladesh J. Bot.* 54(1):113-122, 2025 (March). DOI:<https://doi.org/10.3329/bjb.v54i1.80315>.
- **S.K.Tanveer**, I. Hussain, M. Hussain, M. Sohail, S.H. Abbas, M. Qamar, M.F. Iqbal, Z.Mehmood and S.Waqar. 2024. Wheat crop productivity in Berseem-Rice-Wheat Cropping System in Comparison with the Conventional Wheat-Rice- Wheat Cropping system Planted in Rice-Wheat Area of Punjab Pakistan. *SAARC.J.Agric.*,22(2):115-126. DOI:<https://doi.org/10.3329/sja.v21i2.75396>.
- Syed Haider Abbas, Zafar Islam, Abdul Shakoor, Maqsood Qamar, **Sikander Khan Tanveer**, Imtiaz Hussain and Abid Majeed. 2024. Impact of supplemental irrigation through sprinkler raingun at alternate phenological stages of wheat crop. *Journal of Pure and Applied Agriculture*, 9(1): 56-64.
- Maqsood Qamar, Kashif Rashid, Taj Naseeb Khan, **Sikander Khan Tanveer**, Syed Haider Abbas, Sundas Waqar, Abdul Shakoor, Imtiaz Hussain, Muhammad Asim, Muhammad Sohail, Muhammad Usman, Humaira Iqbal, Summan Gul Vaseer and Muhammad Umair Khalil. 2024. Selection of heat stress tolerant spring wheat genotypes through yield and yield related traits. *Eup. Chem. Bull.* 13 (Regular Issue 06), 502-509.
- Syed Haider Abbas, Samman Gul Vaseer, Maqsood Qamar, **Sikander Khan Tanveer**, Imtiaz Hussain, Muhammad Sohail, Sundas Waqar, Muhammad Usman and Humaira Iqbal. 2024. Zinc-Biofortification in wheat in wheat and impact on yield and grain contents under rainfed conditions of Pakistan. *Journal of Xian Shiyou University Natural Science Edition*. ISSN: 1673-064X. Vol.20, Issue of 8 August 2024, 206-214.
- Shakoor A, Qamar M, Abbas S H, Vaseer S G, Waqar S, Rashid K, Iqbal H, Khalil M

- U, Usman M, Hussain I, Arshad M, **Tanveer S K**, Asim M. 2024. Response of foliar applied urea on growth, yield and quality of wheat (*Triticum aestivum* L) at different growth stages. Biol. Clin. Sci. Res.J. Vol.2024:920. DOI: [https:// doi. Org/10.54112/bsrj.v2024i1.920](https://doi.org/10.54112/bsrj.v2024i1.920).
- **S.K.Tanveer**, I. Hussain, H. Abbas, M.Sohail, M.Qamar, Z.Mehmood, Sundas Waqar, S. Adnan. 2023. Wheat crop productivity in the Mungbean - Wheat cropping system in rainfed area of Potohar. SAARC.J.Agric.,21(2):95-97. DOI:<https://doi.org/10.3329/sja.v21i2.70480>.
 - Urfah Shafi, Rafia Mumtaz, Muhammad Deedahwar Mazhar Qureshi, Zahid Mehmood, **Sikander Khan Tanveer**, Ihsan Ul Haq, Syed Muhammad Hassan Zaidi. 2023.Embedded AI for Wheat Yellow Rust Infection Type Classification. IEEE Access. Vol.pp.23726-23738.
 - Maqsood Qamar, Kashif Rashid, Sundas Waqar, **Sikander Khan Tanveer**, Muhammad Sohail, Syed Haider Abbas, Abdul Shakoor, Imtiaz Hussain, Muhamad Arshad, Muhammad Usman, Humaira Iqbal, Samman Gul Vaseer and Muhammad Umair Khalil. 2023. Evaluation of selected wheat genotypes at multi locations for yield stability, climate change and food security. Journal of Xian Shiyou University Natural Science Edition. ISSN: 1673-064X. Vol.19, Issue of 12 December 2023, 711-726.
 - **Sikander Khan Tanveer**, Samman Gul Vaseer, Syed Haider Abbas, Muhammad Muneer, Maqsood Qamar, Sundas Waqar, I. Hussain. 2023. Impact of Biochar on wheat crop productivity. Journal of Xian Shiyou University Natural Science Edition. ISSN: 1673-64X. Vol.19, Issue of Nov.2023, 671-681.
 - M.S.Ahmed, M.Qamar, Sundas Waqar, A.Naeem, R.A. Javaid, **S. K. Tanveer**, I. Hussain. 2023. Estimation of genetic components, heterosis and combining ability of elite Pakistani wheat varieties for yield attributing traits and stripe rust response. Plant Breeding For Performance and Quality.27 (6): 609-622. DOI. 10.18699/VJ GB-23-72.
 - Maqsood Qamar, Sundas Waqar, Muhammad Shahzad Ahmed, **Sikander Khan Tanveer**, Syed Haider Abbass, Zahid Mehmood, Riaz Ud Din, Imtiaz Hussain , Atiq ur Rehman Rattu and Muhammad Imtiaz.2023. Borlaug 2016: a high yielding wheat variety for the rainfed / irrigated areas of Pakistan. Pure and Applied Biology. Vol.12, Issue 1, pp 212-218.
 - Rana Arsalan Javaid, Maqsood Qamar, Sundas Waqar, **Sikander Khan Tanveer**, Syed Haider Abbass, Zahid Mehmood, Muhammad Usman, Hafiz Muhammad Jahanzab, Humaira Iqbal, Hira Tariq, Muhammad Arshad & Imtiaz Hussain.2023. Stability analysis of advance lines for yield across varying locations through stability indices. Journal of Xian Shiyou University Natural Science Edition. ISSN: 1673-064X. Vol.19, Issue of 9 Sep.2023, 393-410.
 - Abdul Shakoor, Syed Haider Abbass, **Sikander Khan Tanveer**, Maqsood Qamar, Kashif Rashid, Sundas Waqar, Muhammad Umair, Samman Gul Vaseer, and Humaira Iqbal.2023. Effects of foliar and soil application of zinc at booting and anthesis stages of wheat, improves the yield, quality and grain zinc biofortification. Journal of Xian Shiyou University Natural Science Edition. ISSN: 1673-64X. Vol.19, Issue of Sep.2023, 587-600.
 - Samman Gul Vaseer, Muhammad Umair Khalil, Maqsood Qamar, Kashif Rashid, Sundas Waqar, **Sikander Khan Tanveer**, Muhammad Sohail, Haider Abbass, Abdul Shakoor, Imtiaz Hussain, Muhammad Arshad, Muhammad Usman and Humaira Iqbal .2023. Evaluation of selected wheat genotypes at multi locations for yield stability, climate change and food security. Journal of Xian Shiyou University Natural Science Edition. ISSN: 1673-64X. Vol. 19, Issue .12. 711-726

- Samman Gul Vaseer, Haider Abbass, **Sikander Khan Tanveer**, Maqsood Qamar, Sundas Waqar, Abdul Shakoor, Kashif Rashid, Humaira Iqbal, Hira Tariq, Muhammad Usman, Muhammad Umair Khalil, and Muhammad Arshad. 2023. Effects of planting dates on yield attributes of wheat genotypes under rainfed conditions of Pothwar. Journal of Xian Shiyou University Natural Science Edition. ISSN: 1673-64X. Vol.19, Issue of Sep.2023, 01-08.
- Hira Tariq, **Sikander Khan Tanveer**, Maqsood Qamar, Zahid Mahmood, Haider Abbass, Rana Arslan Javaid, Muhammad Umair Khalil, Muhammad Usman, Humaira Iqbal, Samman Gul Vaseer and Muhammad Arshad. 2023. Acclimatization of CIMMYT Wheat (*Triticum aestivum* L.) Genotypes under different climatic zones of Pakistan. Journal of Xian Shiyou University Natural Science Edition. ISSN: 1673-64X. Vol.19, Issue of Oct.2023, 643-656.
- Nausherwan Nobel Nawab, Muhammad Kashif Shahzad Sarwar, **Sikander Khan Tanveer** and Alamgir Alvi. 2024. Augmented Block Design for evaluating round and oblong fruit shaped advance lines of indeterminate tomato (*Solanum Lycopersicum* L.). Pak.J. Botany 56(1): 283-292. DOI: [http://dox.doi.org/10.30848/PJB.2024-1\(27\)](http://dox.doi.org/10.30848/PJB.2024-1(27)).
- Hafiz Muhammad Jahanzab, **Sikander Khan Tanveer**, Haider Abbass, Imtiaz Hussain, Maqsood Qamar and Sundas Waqar. 2023. Morpho physio characteristics of climate resilient wheat varieties sown under different sowing dates under rainfed conditions. Journal of pure and Applied Agriculture. 8(1): 56-63. ISSN (Print) 2617-8672, ISSN (On line) 2617-8680: 1814-9596.
- Shahid Ahmed, Muhammad Fayyaz, **Sikander Khan Tanveer**, Sundas Waqar, Zahid Ahmed, Shahzad Asad (2022). Discovery and distribution of root Lesion Nematode *Pratylenchus Neglectus* in wheat fields NARC Pakistan. Advances in Nematology. Submitted for Conference.
- Poa Thinzar Bo, Yanping Bai, Yangli Dong, Hongxia Shi, Maw Na Soe Htet, Hamz Ali Samoon, Ruifang Zhang, **Sikander Khan Tanveer** and Jiangbo Hai. 2022. Influence of different harvesting stages and cereals-legumes mixture on forage biomass yield, nutritional compositions, and quality under Loess Plateau region. Plants. 4, 2801. <https://doi.org/10.3390/plants.11202801>.
- Sun Y, Bai Y, Yang W, Shi H, **Tanveer S. K** and Hai J (2022). Past, present and future perspectives of biodegradable films for soil: A 30 – year systemic review. Front. Bioe. Biotechnol, 10:1006388. doi:10.3389/fbioe.2022.1006388.
- Sun Y, Yang C, Liang H, Zhang S, Zhang R, Dong Y, **Tanveer S. K** and Hai J (2022). Health risk analysis of microplastics in soil in the 21st century: A systemic review. Front Environ. Sci. 10:976237. doi:10.3389/fenvs.2022.976237.
- Sun Y, Bai Y, Yang W, Bu K, **Tanveer S. K** and Hai J. 2022. Global Trends in natural biopolymers in the 21st century: A scientometric review. Frontiers in Chem, 10: 915648, doi: 10, 3389/fchem.2022.915648.
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- Abdul Manaf, Xiukang Wang, Fatima Tariq, Hafiz Muhammad Jahanzab, Yamin Bibi, Ahmad Sher, Abdul Razzaq, Sajid Fiaz, **Sikander Khan Tanveer** and Abdul Qayyum .2021. Antioxidant Enzyme Activities Correlated with Growth Parameters of Wheat Sprayed with Silver and Gold Nanoparticle Suspensions. *Agronomy*.11,1494.<https://doi.org/10.3390/agronomy11081494>.
- Muhammad Sohail, Imtiaz Hussain, Maqsood Qamar, **Sikander Khan Tanveer**, Syed Haider Abbass, Zeshan Ali and Muhammad Imtiaz. 2020. Evaluation of Spring Wheat Genotypes for Climatic Adaptability using Canopy Temperature as Physiological Indicator. *Pakistan Journal of Agricultural Research*, Vol.33. Issue 1. 2020. 91-96.
- Zahid Mahmood, Abdul Aziz, Tayyaba Andleeb, Sikander Khan Tanveer, Sundas Waqar, Maqsood Qamar, Syed Haider Abbas, Tariq Rafique, Mohsin Ali, Saleem Uddin, Syed Wasim Hassan and Umar Massod Qureshi. 2020. Screening of resynthesized hexaploid wheats for durable rust resistance. *IJAB*. 24(3): 621-630.
- Hira Tariq, **Sikander Khan Tanveer**, Maqsood Qamar, Rana Arsalan Javed, Saman Gul Vaseer, Hafiz Muhammad Jahanzab, Muhammad Jalal Hassan, Humaira Iqbal.2020. Correlation and path analysis of Brassica napus genotypes for yield related traits. *Life Science Journal*.2020, 22-34.
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- Imtiaz Hussain, Muhammad Sohail, **Sikander Khan Tanveer**. 2018. Impact of planting density and growth habit of genotypes on wheat yield under raised bed planting method. *Science, technology and development*. 37(3):158-162.
- Zhang Junli, **Sikander Khan Tanveer**, Xue Jiang, Zou Hong, Dong Xiaomei, Li Kang and Bai Yisha.2017. Effects of different tillage systems on soil temperature and moisture in dryland field and summer maize yield. *Acta Agriculturae Boreali – occidentalis Sinica*. 26(10):1446-1452.
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 - Muhammad Sohail, Imtiaz Hussain, Riaz-Ud-Din, **Sikandar Khan Tanveer**, Maqsood Qamar and Syed Haider Abbas. 2014. Physio-Agronomic traits evaluation of wheat genotypes for adaptability under rainfed conditions. *Sarhad J. Agric. Vol.30, No.2: 151-156.*
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 - Muhammad Sohail, Imtiaz Hussain, Riaz-ud-Din, **Sikander Khan Tanveer**, Maqsood Qamar and Syed Haider Abbas.2014. Evaluation of advance wheat lines for agronomic traits in rainfed environment. *Pakistan Journal of Agricultural Research. Vol.27, No.2:79-88.*
 - **Sikander Khan Tanveer**, Xiaoxia Wen., Xing li, Lu Junli Zhang, Yuncheng Liao. 2013. Tillage, mulch and N fertilizer affect emissions of CO₂ under the rain fed condition. *Plos One.* 8 (9): e 72140. doi: 1371/journal.pone.0072140
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- Maqsood Qamar, **Sikander Khan Tanveer**, Muhammad Sohail, Muhammad Shahzad Ahmed, Syed Haider Abbas, Sundas Waqar, Atiq-Ur-Rehman Rattu and Muhammad Imtiaz.2017. Breeding of high yielding rusts resistance and Zn-enriched wheat varieties for different agro-ecological zones of Pakistan (Abstract accepted by BGRI for 2018 Conference)
- **Sikander Khan Tanveer**, Imtiaz Hussain, Imtiaz Muhammad, Muhammad Sohail, Syed Haider Abas, Maqsood Qamar, Muhammad Anjum Ali, Shehzada Adnan and Abdul Majid. Mung bean-Wheat an economical and environmental friendly cropping system for high and medium rainfall areas of Potohar region. Abstract book of the international conference on climate change threats to agriculture and food security THINK-ADAPT, 2017. Book published in April.2018:79-80. Paper was presented in the International Conference at University of agriculture Peshawar.
- **Sikander Khan Tanveer**, Muhammad Ayub Khan and Muhammad Asim. Organic Agriculture and its promotion. Abstract published in proceedings of **1st International Conference on Sustainable Agriculture: Food Security under Changing Climate Scenarios**, April 3rd to 5th, 2019 at **Ghazi University Dera Ghazi Khan**.
- **Sikander Khan Tanveer** and Md. Harunur Rashid. Regenerative agriculture in SAARC Member States, present status and future strategies. Abstract published in proceedings of **Gazipur Agricultural University International Conference (GUAIC) on Regenerative Agriculture for Sustainable Food Security**, arranged by Gazipur Agricultural University on 12-13 December, 2015 at Gazipur Bangladesh.

Books Edited

- **Tanveer, S.K.**, Rashid, Md. H. and Razzaque, Md. A. (eds.). 2024. Development and Dissemination of Biofortified varieties of different crops in SAARC Member States: SAARC Agriculture Centre, p. 117. Published by Natundhara Printing Press, Dhaka-1205. ISBN: 978-984-35-7480-0

Books Published

- Hussain, I., Asim, M., **Tanveer, S.K.**, Mastoi, I., Ahmad, S. Andrabi, S.M.H., Rehman, A., Mahmood, H.S., Bhatti, W.A., Gyeltshen, K., Islam, M.R., and Hossain, M.B.2023.**Climate-Smart Agriculture Technologies and Practices in Pakistan**. SAARC Agriculture Centre, SAARC, Dhaka, Bangladesh, 97p. ISBN Number: 978-984-35-4977-8.

Book Chapters

- **Sikander Khan Tanveer.**, Xiaoxia Wen., Mohammad Asif., Yuncheng Liao.2013. **Book Chapter- “Crop Production”** PUBLISHED BY **INTECH Publishers**. Effects of different tillage methods, nitrogen fertilizer and stubble mulching on soil carbon, emissions of CO₂, N₂O and future strategies p.189. DOI: 10,5772/46177

- **Sikander Khan Tanveer.**, Xiaoxia Wen, Yuncheng Liao. **Book Chapter-“Advances in fertilizer technology”** PUBLISHED BY **Studium Press LLC**. N₂O emission, causes and potential strategies for its mitigation. ISBN of series 1-62699-041-7, ISBN volume 1-62699-044-1. Pages 620-634.
- **Sikander Khan Tanveer**, Xingli Lu, Shamim-Ul-Sibtain Shah, Imtiaz Hussain, Muhammad Sohail.2019. Book Chapter, **“Soil Carbon Sequestration Through Agronomic Management Practices”**. Published in Intech crop production. www.intechopen.com
- **Sikander Khan Tanveer**, Muhammad Ayub Khan and Muhammad Asim. Organic Agriculture and its promotion. Book chapter accepted for publication in Book. “Environment, Climate, Plant and Vegetable Growth, Published by Springer Nature Switzerland AG. Edited by Shah Fahd et al.

Technical Reports

- Dr Sher Muhammad, **Sikander Khan Tanveer** and Azhar Javed.2009. **Report on Agricultural Production of Organic Wheat Crop 2008-2009**. Published by the Directorate of Organic Farming National Agricultural Research Center, Pakistan Agricultural Research Council (PARC) Islamabad Pakistan
- Dr Atiq-ur-Rehman Rattu, **Dr Sikander Khan Tanveer**, Dr Muhammad Sohail, Dr Muhammad Asim and Dr Muhammad Anjum.2017.**Report on Travelling Wheat Seminar 2017**. Published by, Pakistan Agricultural Research Council (PARC) Islamabad Pakistan
- Dr Atiq-ur-Rehman Rattu and **Dr Sikander Khan Tanveer**.2018. Report on **Travelling Wheat Seminar 2018**. Published by, Pakistan Agricultural Research Council (PARC) Islamabad Pakistan.
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- Dr Atiq-ur-Rehman Rattu and **Dr Sikander Khan Tanveer**.2021. Report on **Travelling Wheat Seminar 2021**. Published by, Pakistan Agricultural Research Council (PARC) Islamabad Pakistan.
- Dr Atiq-ur-Rehman Rattu and **Dr Sikander Khan Tanveer**.2022. Report on **Travelling Wheat Seminar 2022**. Published by, Pakistan Agricultural Research Council (PARC) Islamabad Pakistan.
- **Dr Sikander Khan Tanveer and Dr Muhammad Sohail**. 2023. Report on **Travelling Wheat Seminar 2023**. Published by, Pakistan Agricultural Research Council (PARC) Islamabad Pakistan.
- Dr Atiq-ur-Rehman Rattu, Dr Muhammad Sohail, **Dr Sikander Khan Tanveer**, Dr Imtiaz Hussain. **Bread wheat, Durum & Barley. National Uniform Yield Trials 2021-22**. 2024. Published by, Pakistan Agricultural Research Council (PARC) Islamabad Pakistan.
- **Dr Sikander Khan Tanveer**, Dr Nasreen Sultana, Dr Ganga Dutta Acharya, Dr Md. Younas Ali, and Dr Fatima Nasreen Jahan. SAC Annual Report 2022. SAARC Agriculture Centre, Dhaka, Bangladesh.
- Dr Md. Harunur Rashid, Dr Nasreen Sultana, Dr Ganga Dutta Acharya, Dr Md. Younas Ali, **Dr Sikander Khan Tanveer**, Mr Kinzang Gyeltshen, Mr Abdul Salam, Mr. Md. Mizanur Rehman, Mr Md. Saifur Rahman, Mr. ATM Mostafizur Rahman

Mijumder, Mr Mizanur Rehman, Ms. Najmoon Nahar and Mr Nurul Wara. SAC Annual Report 2022. SAC 2023. SAARC Agriculture Centre, Dhaka, Bangladesh.

Brochers

- **Dr Sikander Khan Tanveer;** Dr Maqsood Qamar, Dr Zahid Mehmood, Syed Haider Abbas, Sundas Waqar, Dr Hafiz Muhammad Jahanzeb, Rana Arsalan Javed and Dr Imtiaz Hussain.2021. **Gandun Ki Kasht** (In Urdu). Printed by Pakistan Printing Press of Pakistan.
- **Dr Sikander Khan Tanveer;** Maqsood Qamar, Syed Haider Abbas, Sundas Waqar, Dr Zahid Mehmood, Dr Muhammad Umair Khalil, Dr Muhammad Arshad and Dr Imtiaz Hussain.2023. **Gandun Ki Kasht** (In Urdu). Printed by Pakistan Printing Press of Pakistan.
- **Dr Sikander Khan Tanveer;** Maqsood Qamar, Syed Haider Abbas, Sundas Waqar, Dr Zahid Mehmood, Dr Muhammad Arshad and Dr Imtiaz Hussain. 2024. **Gandun Ki Kasht** (In Urdu). Printed by Pakistan Printing Press of Pakistan.

Letters of appreciations

- Certificate of Appreciation **“In recognition of a record outstanding accomplishment in PSDP Project on Prime Ministrers Agriculture Emergency Program “Productivity Enhancement of Wheat”.**
- Certificate of participation (online) in the **“One Day Wheat Brainstorming Session-II “National Wheat Breeding Strategy and line of action for indigenous wheat germplasm/pre-breeding material development on country”** Held on February 10, 2025 at PARC National Agricultural Research Centre Islamabad Pakistan under the **PSDP Project on “Productivity Enhancement of Wheat”.**
- Certificate of participation as **Penalist** in the **Asia – Pacific Right to Food & Agrifood System Conference 2023** at Dhaka university Bangladesh on August 2023.This event was attended in person and virtually by 633 individuals and 101 organizations from Asia and the Pacific region.
- Certification of Appreciation, being a Project Incharge for the construction of 1st **Speed Breeding Facility (Glass house)** at NARC Islamabad, under the PSDP **“Productivity Enhancement of Wheat”** after the completion of Speed Breeding Training Workshop on 4-7th July 2022 at Islamabad Pakistan. Training Workshop was arranged by PARC, The University of Queensland Australia and ACIAR at Islamabad Pakistan.
- Certification for Participation in Training program on **“Post Harvest Management of Pulses, Under ACIAR Project “Improved Mungbean Harvesting and Seed Production Systems for Bangladesh, Myanmar and Pakistan (CIM/2016/174)’** Organized by Pulses Research Program , Crop Sciences Institute, NARC, Islamabad on December, 29th 2021.
- **Honorable Chairman Pakistan Agricultural Research Council (PARC),** awarded **Certificate of Appreciation** for contribution and dedication in PSDP **“Productivity Enhancement of Wheat”** , 2021.
- **Honorable Chairman Pakistan Agricultural Research Council (PARC),** awarded **Certificate of Appreciation** for dedicated contribution and efforts in achieving the targets of **Organic Farming** at NARC during the Rabi/Kharif season 2008-2009.
- **Honorable Director General National Agricultural Research Center (NARC)**

Islamabad, awarded certificate for efforts in achieving the targets of Organic Farming at NARC during the Rabi / Kharif season 2008-2009.

- **Certificates and cash awards from the college of Agronomy and as well as from the North West A&F university** for selection as few of best PhD students in conducting their PhD research work/Data collection.
- **Honorable Chairman Pakistan Agricultural Research Council (PARC)**, awarded **Certificate of Appreciation** in recognition of contribution and management efforts in successfully organizing the event **to celebrate Norman E. Borlaug's 100th Birthday & Commemorate 50 years of Pakistan-US Cooperation in Agriculture 22nd to 26th April. 2014.**
- **Best Research Team Award for Wheat variety NARC 2009, PARSA Science Awards 2009-2014**, held on April 18, 2019 at NARC Islamabad by Pakistan Agricultural Research Council Scientists Association.
- **Best Research Team Award for Wheat variety NARC 2011, PARSA Science Awards 2009-2014**, held on April 18, 2019 at NARC Islamabad by Pakistan Agricultural Research Council Scientists Association.
- **Certification of Participation as Keynote Speaker** in the **1st International Conference on Sustainable Agriculture: Food Security under Changing Climate Scenarios** April 3rd To 5th, 2019 at Ghazi University, Dera Ghazi Khan-Pakistan.
- Certificate of appreciation **“ To admire to contribution and dedication in PSDP Project “Productivity Enhancement of Wheat”** by the Pakistan Agricultural Research Council”. In the 3rd Technical Meeting of PSDP **“Productivity Enhancement of Wheat”** at PARC-NARC Islamabad on Dec.28,2021.

Trainings / Workshops / Certificates

- **“Civil Defense Basic General Training Course”** from March 15- 19, 1999 arranged by Civil Defense Department Punjab, held at university of Agriculture Faisalabad.
- **"Orientation and Training of Newly Inducted Scientific Officers in PARC System"** from January 15, 2001 to February 24, 2001 held at NARC, Islamabad Pakistan.
- **“Training Course on Software for the management and statistical analysis of experimental data”** from January 20, 2003 to January 23, 2003 held at NARC, Islamabad. Pakistan **"Secretariat Instructions”** from August 04, 2003 to August 09.2003 held at Secretariat Training Institute, Islamabad, Pakistan.
- **"Techniques for scientific writing"** from December 29, 2003 to January 06, 2004 held at NARC, Islamabad. Pakistan.
- **"Alpha –Lattice design data collection and analysis"** from February 10, 2004 to February 12, 2004 held at NARC, Islamabad, Pakistan
- Participated in the training course on **“Variety management and seed quality Assurance”** April 12-22, 2004. Organized by International Centre for Agricultural Research in the Dry areas (ICARDA) at its headquarters **Aleppo, Syria.**
- **“Statistical methods for data analysis in agricultural research”** from June 01, 2004 to June 04, 2004 held at NARC, Islamabad, Pakistan
- The **RWC-PRISM National workshop** from 11-13 October 2004 arranged by Pakistan Agricultural Research Council and Rice-Wheat Consortium held at NARC-Islamabad, Pakistan. **“Training Course on Software for the management and**

- statistical analysis of experimental data”** from January 20, - 23, 2003 held at NARC, Islamabad. Pakistan
- **Secretariat Instructions”** from August 4-9, 2003 held at Secretariat Training Institute, Islamabad, Pakistan.
 - **"Techniques for scientific writing"** from December 29, 2003 to January 06, 2004 held at NARC, Islamabad. Pakistan.
 - Participated the **International Wheat Conference** held at **Faisalabad, Pakistan** dated 20-21 Feb.2006 and presented paper titled “Effect of planting density on wheat production under the rainfed conditions of Potowar”.
 - Participated in all technical sessions and hands – on training held during **National Training Seminar on Biosafety and Biosecurity Initiatives June 18-19, 2007, Islamabad Pakistan** under the auspices of U.S. Department of State’s Bio security engagement program, Pakistan Agricultural Research Council and Planning Commission of Pakistan.
 - Participated in the **“International Seminar on Soil and Water Conservation and Dry Land farming” at Yangling China**, June 16-30, 2008. Sponsored by the Ministry of Commerce China and organized by the Yangling International Exchange Center China.
 - **Three – Day (Part Time) Training Course on Organizational Development, Change Management From April 21-23 2008** at the Secretariat Training Institute, organized by the Secretariat Training Institute Islamabad.
 - Participated in the **“International training workshop on agricultural environment controlling technologies**, August 19 to September 7, 2010. Sponsored by the Department of International Cooperation, Ministry of Science and Technology, The Peoples Republic of China, at Yangling International Exchange Center China.
 - Participated in the **“SATNET TRAINING PROGRAMME ON BIOLOGICAL CONTROL OF AGRICULTURAL PESTS AND DISEASES”** March 19-21, 2014. Organized by FAO, ESCAP, APCTT and PARC at NARC Islamabad Pakistan.
 - Participated in the **“Professional Training Workshop on Solar Powered Efficient Irrigation Systems at Thatti Gujran, FatehJang Field Station August 20-22, 2015**. Organized by CAEWRI-NARC Islamabad Pakistan.
 - Participated in the **“Seminar on Crop Seed Production and Management for Developing Countries, Beijing, and 26-8-2016 to 15-9-2016**. Organized by **Ministry of Commerce P.R China and the National Agro-Tech Extension and Service Center (NATESC), Beijing, Ministry of Agriculture P.R. China**.
 - **“Climate Change-Implication & Adaptation For Rural Areas” (19th December to 23rd December, 2016** held at AHKNCRD, Park Road Islamabad. The training was arranged by AHK National Centre for Rural Development Islamabad, Establishment Division Government of Pakistan.
 - Participated in the **“Travelling Wheat Seminar 2017”**.
 - Participated in the seminar on **“AGRICULTURE DEVELOPMENT IN 21st CENTURY”** organized by the **Center for Global & Strategic studies, Islamabad** on 23 October, 2017 at PARC headquarter Islamabad.
 - Participated in the seminar on **“NEED FOR REVOLUTIONIZING THE COTTON INDUSTRY IN PAKISTAN”** organized by the **Center for Global & Strategic Studies, Islamabad** on 24th January, 2018 at Islamabad.

- Successfully completed the training workshop (March 07-09) titled **“Gender and Diversity in Research Training”** implemented by CIMMYT & Organized under the program **Understanding gender in wheat-based livelihoods for enhanced WHEAT R4D impact in Afghanistan, Pakistan and Ethiopia funded by Germany’s Federal Ministry for Economic Cooperation and Development (BMZ) at Islamabad, Pakistan.**
- Participated in the **“Travelling Wheat Seminar 2018”**.
- Completed the **“2018 Training Course on Hybrid Rice Technology in Pakistan”** Sponsored by the Ministry of Commerce and organized by Yuan Longping High-tech Agriculture Co., Ltd. and Pakistan Agricultural Research Council from September 25th, 2018 to October 15th, 2018 in Islamabad, Pakistan.
- Successfully completed the training course on **“Project Preparation and Management in Public Sector”** conducted by **Pakistan Planning and Management Institute (PPMI) Ministry of Planning, Development and Reform, Government of Pakistan** from 15th January, 2019 to 18th January, 2019 at Islamabad Pakistan.
- Successfully completed the training course on **“Conservation Agriculture Based Innovation Systems Course”** from May 27th to June 21st, 2019 at CIMMYT El Batan, Texcoco, Mexico.
- Participated in the **“Travelling Wheat Seminar 2022”**.
- Certificate as a trainer of in two days workshop on **“Wheat varieties Development Protocol, Quality Seed Production, Seed Act and Breeder’s Rights”** held on May 17th -18th, 2022 at NARC Islamabad Pakistan. Workshop was arranged under **PSDP Project “Productivity Enhancement of Wheat”**.
- Participated in three-day training program **“Agriculture Innovative System Assessment: Training Workshop”** 5-7 September, 2022 at FAO Pakistan office Islamabad.
- Certificate for participation and for presenting paper in two days National Conference on **“Efficient integrated nutrient management technologies for enhancing wheat productivity in Pakistan”** held on September 06-07, 2022 at NARC Islamabad Pakistan. Conference was arranged under **PSDP Project “Productivity Enhancement of Wheat”**.
- Certificate for working as **“Principal Investigator (P.I)**, for National Agricultural Emergency Program **PSDP Project “Productivity Enhancement of Wheat”** of **Wheat program NARC component**, in the **Annual Technical Meeting of PSDP project “Productivity Enhancement of Wheat”** held on October 11-10, 2022 at NARC Islamabad Pakistan.
- Certificate for participation and arranging training with CIMMYT office Islamabad two days (26 & 27 January 2023) training program **“Next Generation Wheat Workshop”** at NARC Islamabad Pakistan.
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Computer Skills

M.S Word, Excel, PowerPoint, M Stat-C & Internet etc.