

PUBLICATIONS

Books/Reports (Author & Editor):

1. Amanullah (2010). Common Bean: The unexploited but the potential crop in northern Khyber Pakhtunkhwa, Pakistan (ISBN-10: 1456319116 & ISBN-13: 978-1456319113).
2. Akmal et al. (2014). Climate Change and Adaptation: Farmers' Experiences from Rainfed Areas of Pakistan, Inter Cooperation.
3. FAO (2016). Soil and Pulses: Symbiosis for Life. FAO, Rome-Italy (ISBN: 978-92-5-109501-0).
4. FAO and ITPS (2016). Voluntary Guidelines for Sustainable Soil Management (VGSSM), Rome, Italy.
5. Amanullah and Fahad (2017). Rice - Technology and Production. InTech, Rijeka, Croatia (ISBN: 978-953-51-5200-2).
6. FAO (2017). Unlocking the Potential of Soil Organic Carbon. FAO/IPCC (ISBN: 978-92-5-109759-5).
7. FAO and ITPS (2017). Global assessment of the impact of plant protection products on soil functions and soil ecosystems, Rome, FAO. 40 pp (ISBN 978-92-5-130031-2).
8. Amanullah and Fahad (2018). Nitrogen in Agriculture-Updates. InTech, London, UK (ISBN: 978-953-51-5398-6).
9. FAO (2018). Soil Pollution: a hidden reality. Rome, FAO. 142 pp. (ISBN 978-92-5-130505-8).
10. FAO (2018). Be the Solution to Soil Pollution. Rome, FAO. 32 pp.
11. VERMA, D.K., Amanullah, and S. BHARTY (2018). Numerical Examples in Agronomy. Weser Books, No.79737 Aussere, Weberstr. 5702763, Zittau, Germany (ISBN: 978-3-96492-048-5).
12. Pandey, V., Amanullah, and Sita Ram Mishra (2018). Agricultural Meteorology at a Glance. Weser Books, No.79737, Aussere,Weberstr. 5702763, Zittau, Germany (ISBN: 978-3-96492-084-3).
13. Amanullah and Fahad (2018). Corn - Production and Human Health in Changing Climate. InTech, London, UK (ISBN: 978-1-78984-156-5).
14. FAO (2019). Measuring and modelling soil carbon stocks and stock changes in livestock production systems – Guidelines for assessment. Version 1 – Advanced copy. Rome. 152 pp.
15. FAO (2019). Measuring and modelling soil carbon stocks and stock changes in livestock production systems – A scoping analysis for the LEAP work stream on soil carbon stock changes. Rome. 84 pp.
16. M. Sajid and Amanullah (2019). Citrus-Health Benefits and Production Technology. InTech, London, UK (ISBN: 978-1-78985-428-2).
17. FAO (2019). Water use of livestock production systems and supply chains – Guidelines for assessment (Draft for public review). Livestock Environmental Assessment and Performance (LEAP) Partnership. FAO, Rome, Italy.
18. FAO (2019). The International Code of Conduct for the Sustainable Use and Management of Fertilizers. Rome, FAO. 30 pp.
19. Dharmesh Verma, Brajendra, and Amanullah et al. (2019). Climate Smart Agriculture. JAYA, INDIA (ISBN: 9789388668033).
20. Ajay Kumar Singh and Amanullah. 2019. Cropping systems and their evaluation. Weser Books, No.79737 Aussere, Weberstr. 57 02763, Zittau, Germany (ISBN: 978-3-96492-074-4).
21. Ajay Kumar Singh and Amanullah. 2019. Crops and their cropping systems. Weser Books, No.79737 Aussere, Weberstr. 57 02763, Zittau, Germany (ISBN: 978-3-96492-075-1).
22. Amanullah and Shah Khalid. 2020. Agronomy - Climate Change & Food Security. London, United

- Kingdom, IntechOpen (ISBN: 978-1-83881-222-5).
23. Pavel Krasilnikov, Miguel A. Taboada and Amanullah. **2021**. Fertilizer Use, Soil Health and Agricultural Sustainability. Agriculture MDPI (S.I.). Basel, Switzerland (ISSN: 2077-0472).
 24. Shah Fahad et al. **2022**. Engineering Tolerance in Crop Plants against Abiotic Stress. CRC Press, Taylor & Francis Group. Dehradun (ISBN: 978-0-367-75009-1).
 25. Amanullah et al. (**2023**). Integrated nutrients management: An approach for sustainable crop production and food security in changing climates. Frontiers in Plant Science (S.I.), Switzerland (ISBN 978-2-8325-3169-3).
 26. Amanullah (**2024**). **Harvesting Success: A Comprehensive Guide to Agronomy Courses**. Punjab Books, Lahore (ISBN: 978-627-7521-08-0).
 27. Amanullah (**2024**). **Integrated Agriculture: An Approach for Sustainable Agriculture**. Walter de Gruyter GmbH, Berlin/Boston, Germany (ISBN 978-3-11-144801-5).
 28. Hu, M., Amanullah Khan, S.U. Pillai & M.M. Rigano (**2024**). Climate Change and Food Production. Scientific Reports (S.I.). Springer Nature, ISSN 2045-2322 (online).
 29. Amanullah (**2025**). Crop Nutrition: Enhancing Healthy Soils, Food Security, Environmental Sustainability and Advancing SDGs. Walter de Gruyter GmbH, Berlin/Boston (ISBN 978-3-11-161709-1).

Proceedings Co-author:

1. International Conference on “**Climate Change: A Challenge for Agriculturist**” held on May **28-30, 2012** at Peshawar, Pakistan.
2. Indian National Conference on: **Emerging Challenges and Opportunities in Agriculture**, Social, Plant, Environment, Co-Operatives & Technology ECOASPECT-2016’ **10-11th September 2016**.
3. Proceedings of the **Global Symposium on: Soil Organic Carbon**, UN FAO Headquarters - Rome, Italy on **21–23 March 2017**.
4. Proceedings of the **GLOBAL SYMPOSIUM ON SOIL POLLUTION**, UN FAO Headquarters- Rome, Italy on **2-4 MAY, 2018**.
5. National conference “**Beneficial Microorganism and Sustainable Crop production**” arranged by department of Agronomy and ASM USA was held on **19-20th February, 2020**.

Chapters:

1. Amanullah and S. Khalid. **2016**. Integrated use of phosphorus, animal manures and biofertilizers improve maize productivity under semiarid condition. In: Marcelo L. Larramendy and S. Soloneski (ed.) *Organic Fertilizers - From Basic Concepts to Applied Outcomes*. InTech, Rijeka, Croatia. Pp: 137-155.
2. Amanullah, S. Fahad and S. Anwar et al. **2017**. Rice Crop Responses to Global Warming: An Overview. In: Amanullah and Shah Fahad (eds.) *Rice - Technology and Production*. In Tech, Rijeka, Croatia. Pp: 1-10.
3. Amanullah and S. Fahad. **2018**. Integrated Nutrient Management in Corn Production: Symbiosis for Food Security and Grower’s Income in Arid and Semiarid Climates. In: Amanullah and Shah Fahad (eds.). *Corn - Production and Human Health in Changing Climate*. InTech, London, UK. Pp: 03-12.
4. Pandit, R., Parrota, J., Anker, Y., Coudel, E., et al. Chapter 6: Responses to halt land degradation and to restore degraded land. In **IPBES (2018)**: The IPBES assessment report on land degradation and restoration. Montanarella, L., Scholes, R., and Brainich, A. (eds.). Secretariat of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem services, Bonn, Germany, pp. 629-764.
5. Shah Fahad et al. Major Constraints for Global Rice Production. In: In: Mirza Hasanuzzaman, Masayuki Fujita, Kamrun Nahar and Jiban Krishna Biswas, editors, *Advances in Rice Research for Abiotic Stress Tolerance*. Chennai: Woodhead Publishing, **2019**, pp: 1-21.

6. **Amanullah**, Hidayatullah, A. Jan, Z. Shah, M. J. Khan, B. Parmar and S. Fahad. Organic Carbon Sources and Nitrogen Management Improve Biomass of Hybrid Rice (*Oryza sativa* L.) Under Nitrogen Deficient Condition. In: Mirza Hasanuzzaman, Masayuki Fujita, Kamrun Nahar and Jiban Krishna Biswas, editors, *Advances in Rice Research for Abiotic Stress Tolerance*. Chennai: Woodhead Publishing, **2019**, pp. 447-468.
7. Muhammad Arif et al. *Advances in Rice Research for Abiotic Stress Tolerance: Agronomic Approaches to Improve Rice Production under Abiotic Stress*. In: Mirza Hasanuzzaman, Masayuki Fujita, Kamrun Nahar and Jiban Krishna Biswas, editors, *Advances in Rice Research for Abiotic Stress Tolerance*. Chennai: Woodhead Publishing, **2019**, pp: 585-614.
8. Amanullah and S. Khalid et al. Organic Matter Management in Cereals Based System: Symbiosis for Improving Crop Productivity and Soil Health. In: Lal R., Francaviglia R. (eds.) ***Sustainable Agriculture Reviews-29***, Springer, Cham, **2019**, 29: 67-92.
9. Amanullah, Muhammad Ilyas, Haider Nabi, Muhammad Arif, Brajendra Parmar. Foliar Nutrients Management Improve Wheat (*Triticum aestivum* L.) Productivity in Semiarid Climates. In: Dharmesh Verma, Brajendra, and Amanullah et al. (2019). *Climate Smart Agriculture*. JAYA, INDIA, **2019**, pp: 107-137.
10. Imran, Amanullah, Bari A., Khan H., Ali R. (**2019**) Climatic Variability and Agronomic Cropping Pattern. In: Hasanuzzaman M. (eds) *Agronomic Crops*. Springer, Singapore, pp: 33-44.
11. Amanullah, Shah Khalid, Imran et al. **2020**. Effects of Climate Change on Irrigation Water Quality. S. Fahad et al. (eds.), *Environment, Climate, Plant and Vegetation Growth*, https://doi.org/10.1007/978-3-030-49732-3_6.
12. M Arif et al. **2020**. Biochar; a Remedy for Climate Change. S. Fahad et al. (eds.), *Environment, Climate, Plant and Vegetation Growth*. https://doi.org/10.1007/978-3-030-49732-3_8.
13. Tawaha et al. **2020**. Improving Water Use Efficiency and Nitrogen Use Efficiency in Rice Through Breeding and Genomics Approaches. A. Roychoudhury (ed.), *Rice Research for Quality Improvement: Genomics and Genetic Engineering*, https://doi.org/10.1007/978-981-15-5337-0_15.
14. Tawaha et al. **2020**. Soil Fertility Decline Under Climate Change. In: Shah Fahad et al. (eds.), *Sustainable Soil and Land Management and Climate Change*, CRC Press.
15. Imran and Amanullah et al. **2020**. Micronutrient Biofortification in Rice for Better Quality. A. Roychoudhury (ed.), *Rice Research for Quality Improvement: Genomics and Genetic Engineering*, https://doi.org/10.1007/978-981-15-5337-0_28.
16. Imran and Amanullah et al. **2020**. Improvement of Rice Quality via Biofortification of Selenium, Iron, and Zinc and Its Starring Role in Human Health. A. Roychoudhury (ed.), *Rice Research for Quality Improvement: Genomics and Genetic Engineering*, https://doi.org/10.1007/978-981-15-5337-0_32.
17. Tawaha et al. **2020**. Biological nitrogen fixation in changing climate. In: Shah Fahad et al. (eds.). *Sustainable Soil and Land Management and Climate Change*, CRC Press.
18. Imran, Amanullah, Shah Khalid et al. **2021**. Bio Fertilizer as A Tool for Soil Fertility Management in Changing Climate: In: dShah Fahad et al. (eds). *Sustainable Soil and Land Management and Climate Change*, CRC Press.
19. Imran, Amanullah, Shah Khalid et al. **2021**. Application of Biochar For The Mitigation of Abiotic Stress-Induced Damages: In: Edited by Shah Fahad et al. (eds). *Sustainable Soil and Land Management and Climate Change*, CRC Press.
20. Imran and Amanullah et al. **2021**. Relationship of soil physico chemical properties with elevation and geographical directions. IOP Conf. Ser. Earth Environ. Sci. 788 012172.
21. Imran, Shah Fahad, Amanullah, et al. **2021**. Climate Change and Climate Smart Plants Production Technology. *Climate Change and Plants: Biodiversity, Growth and Interactions* (S. Fahad, Ed.). CRC Press.

22. Khanum, S., and Tawaha et al. **2021**. Microbial Communication: A Significant Approach to Understand Microbial Activities, and Interactions. In: Arun Karnwal and Tawaha (eds.). Environmental Microbiology: Advanced Research and Multidisciplinary Applications. Bentham Science Publishers, Sharjah, U.A.E.
23. Alatrash, H., and A. R. Tawaha et al. **2021**. Impact of Microbial Diversity on Environment. In: Arun Karnwal and Tawaha (eds.). Environmental Microbiology: Advanced Research and Multidisciplinary Applications. Bentham Science Publishers, Sharjah, U.A.E.
24. Shah Khalid, Amanullah, Nadia et al. **2021**. Organic Production Technology of Rice. In: Sangeetha, Soyong, Thangadurai, and Tawaha (eds.). Organic Farming for Sustainable Development. CRC Press, Taylor and Frances, USA.
25. Tawaha et al. **2021**. Weed Management in Organic Cropping Systems. In: Sangeetha, Soyong, Thangadurai, and Tawaha (eds.). Organic Farming for Sustainable Development. CRC Press, Taylor and Frances, USA.
26. Tawaha et al. **2021**. Biological control. In: Shah Fahad et al. (eds). Developing Climate-Resilient Crops Improving Global Food Security and Safety. CRC Press.
27. Tawaha et al. **2021**. Soil salinity and climate change. In: Shah Fahad et al. (eds.). Sustainable Soil and Land Management and Climate Change, CRC Press.
28. Shah Khalid, and Amanullah et al. **2021**. The Role of Organic Mulching and Tillage in Organic Farming. In: Sangeetha, Soyong, Thangadurai, and Tawaha (eds.). Organic Farming for Sustainable Development. CRC Press, Taylor and Frances, USA.
29. Imran and Amanullah et al. **2021**. Use of Biochar in Agriculture: An Inspiring Way in Existing Scenario. In: Sangeetha, Soyong, Thangadurai, and Tawaha (eds.). Organic Farming for Sustainable Development. CRC Press, Taylor and Frances, USA.
30. Imran and Amanullah et al. **2021**. Organic Amendments: Right Way to Soil Sustainability. In: Sangeetha, Soyong, Thangadurai, and Tawaha (eds.). Organic Farming for Sustainable Development. CRC Press, Taylor and Frances, USA.
31. Tawaha et al. **2022**. Production of Plant Hormones from Microorganism. In Microbial Fertilizer Technology for Sustainable Crop Production. Editors: Sangeetha, J. and Tawaha et al., AAP/CRC Press, Taylor and Frances, USA.
32. Imran et al. **2022**. Agricultural Applications of the Arbuscular Mycorrhizal Fungi (AMF) for Commercial Advantage in the Agricultural Ecology. In Microbial Fertilizer Technology for Sustainable Crop Production. Editors: Sangeetha, J. and Tawaha et al., AAP/CRC Press, Taylor and Frances, USA.
33. Sane, K.O. and A. R. Tawaha et al. **2022**. Potential Use of Mycorrhizal Fungi in Agricultural Ecosystems: An Overview. In Microbial Fertilizer Technology for Sustainable Crop Production. Editors: Sangeetha, J. and Tawaha et al., AAP/CRC Press, Taylor and Frances, USA.
34. Alatrash, H., and A. R. Tawaha et al. **2022**. Rhizobia as Plant Growth Promoting Biofertilizers. In Microbial Fertilizer Technology for Sustainable Crop Production. Editors: Sangeetha, J. and Tawaha et al., AAP/CRC Press, Taylor and Frances, USA.
35. Tawaha et al. **2022**. Sal (*Shorea robusta* Gaertn. f.). In: Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources. Oilseed Crops. Godswill Ntsomboh Ntsefong (editors). Springer Nature Switzerland AG.
36. Tawaha et al. **2022**. *Madhuca longifolia* (synonyms, *Madhuca indica* Gmelin). In: Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources. Oilseed Crops. Godswill Ntsomboh Ntsefong (editors). Springer Nature Switzerland AG.
37. Khanum, S., and Tawaha et al. **2022**. Rocket Salad (*Eruca sativa* Mill). In: Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources. Oilseed Crops. Godswill Ntsomboh Ntsefong (editors). Springer Nature Switzerland AG.
38. Khanum, S., and Tawaha et al. **2022**. *Crambe hispanica* subsp. *abyssinica* (Hochst. ex R.E.Fr.) Prina. In:

- Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources. Oilseed Crops. Godswill Ntsomboh Ntsefong (editors). Springer Nature Switzerland AG.
39. Khanum, S., and Tawaha et al. 2022. *Prunus armeniaca* (wild apricot). In: Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources. Oilseed Crops. Godswill Ntsomboh Ntsefong (editors). Springer Nature Switzerland AG.
 40. Khanum, S., and Tawaha et al. 2022. Role of AMF in Sustainable Agriculture. In MYCORRHIZAL TECHNOLOGY: Managing Stress and Mitigating Climate using Mycorrhizae for Sustainable Agricultural Development. Editors: Sangeetha, Tawaha and Thangadurai, AAP/CRC Press, Taylor and Frances, USA.
 41. Khanum, S., and Tawaha et al. 2022. Arbuscular Mycorrhizal Fungi in Alleviation of Cold Stress in Plants. In MYCORRHIZAL TECHNOLOGY: Managing Stress and Mitigating Climate using Mycorrhizae for Sustainable Agricultural Development. Editors: Sangeetha, Tawaha and Thangadurai, AAP/CRC Press, Taylor and Frances, USA.
 42. Khanum, S., and Tawaha et al. 2022. Arbuscular Mycorrhiza in Citrus. In MYCORRHIZAL TECHNOLOGY: Managing Stress and Mitigating Climate using Mycorrhizae for Sustainable Agricultural Development. Editors: Sangeetha, Tawaha and Thangadurai, AAP/CRC Press, Taylor and Frances, USA.
 43. Khanum, S., and Tawaha et al. 2022. Mycorrhizal Role in Phosphorus Metabolism. In MYCORRHIZAL TECHNOLOGY: Managing Stress and Mitigating Climate using Mycorrhizae for Sustainable Agricultural Development. Editors: Sangeetha, Tawaha and Thangadurai, AAP/CRC Press, Taylor and Frances, USA.
 44. Khanum, S., and Tawaha et al. 2022. Arbuscular Mycorrhizal (AM) Biotechnology and its Applications. In MYCORRHIZAL TECHNOLOGY: Managing Stress and Mitigating Climate using Mycorrhizae for Sustainable Agricultural Development. Editors: Sangeetha, Tawaha and Thangadurai, AAP/CRC Press, Taylor and Frances, USA.
 45. Khanum, S., and Tawaha et al. 2022. Mycorrhiza as Biocontrol Agent. In MYCORRHIZAL TECHNOLOGY: Managing Stress and Mitigating Climate using Mycorrhizae for Sustainable Agricultural Development. Editors: Sangeetha, Tawaha and Thangadurai, AAP/CRC Press, Taylor and Frances, USA.
 46. Khanum, S., and Tawaha et al. 2022. Arbuscular Mycorrhiza under Biotic and Abiotic Stress. In MYCORRHIZAL TECHNOLOGY: Managing Stress and Mitigating Climate using Mycorrhizae for Sustainable Agricultural Development. Editors: Sangeetha, Tawaha and Thangadurai, AAP/CRC Press, Taylor and Frances, USA.
 47. Khanum, S., and Tawaha et al. 2022. Cereal Physiology, Flowering and Grain Yield under abiotic Stress imposed by Different Heavy Metals. In: Roychoudhury, Aftab, and Acharya (eds). Omics Approach to Manage Abiotic Stress in Cereals, Springer, Singapore.
 48. Alatrash H., and Tawaha et al. 2022. Abiotic Stress Response and Adoption of Triticale. In: Roychoudhury, Aftab, and Acharya (eds). Omics Approach to Manage Abiotic Stress in Cereals, Springer, Singapore.
 49. Hajjar, N., and Tawaha et al. 2022. Niger, *Guizotia abyssinica* (L.f.) Cass In: Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources. Oilseed Crops. Godswill Ntsomboh Ntsefong (editors). Springer Nature Switzerland AG.
 50. Tawaha et al. 2022. ABYSSINIAN MUSTARD (*Brassica carinata*). In: Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources. Oilseed Crops. Godswill Ntsomboh Ntsefong (editors). Springer Nature Switzerland AG.
 51. Tawaha et al. 2022. Jerusalem Artichoke (*Helianthus tuberosus* L.). In: Handbooks of Crop Diversity: Conservation and Use of Plant Genetic Resources. Oilseed Crops. Godswill Ntsomboh Ntsefong (editors). Springer Nature Switzerland AG.
 52. Amanullah and Shah Khalid et al. 2022. Effect of environmental pollution on plant growth. In: Shah Fahad et al. (eds.). Improvement of Plant Production in the Era of Climate Change. Taylor and Frances Group.

53. Amanullah and Shah Khalid et al. **2022**. Effect of climate change on cereals crops. In: Shah Fahad et al. (eds.). Improvement of Plant Production in the Era of Climate Change. Taylor and Frances Group.
54. Tawaha et al. **2022**. Plant-microbe interaction under climate change. In: Shah Fahad et al. (eds.). Improving Global Food Security and Safety. CRC Press.
55. Tawaha et al. **2022**. Legume Production and Climate Change. In: Shah Fahad et al. (eds.). Improvement of Plant Production in the Era of Climate Change. CRC Press.
56. Tawaha et al. **2022**. Pollinators Ecology and Management. In: Shah Fahad et al. (eds.). Climate Change and Ecosystems Challenges to Sustainable Development. CRC Press.
57. Imran et al. **2022**. Climate Change: A Global Perspective. In: Shah Fahad et al. (eds.). Climate Change and Ecosystems Challenges to Sustainable Development. CRC Press.
58. Hasnain Alam et al. **2022**. Molecular and Physiological Mechanism of Native Plants to Combat Drought Stress under Changing Climatic Conditions. In: Shah Fahad et al. (eds.). Climate Change and Ecosystems Challenges to Sustainable Development. CRC Press.
59. Muhammad Arif et al. **2022**. Extreme Low Temperature and Plant Life. In: Shah Fahad et al. (eds.). Improvement of Plant Production in Era of Climate Change. CRC Press.
60. Amanullah et al. **2022**. Effect of Climate Change on Cereal Crops. In: Shah Fahad et al. (eds.). Improvement of Plant Production in Era of Climate Change. CRC Press.
61. Iqbal, A. et al. **2022**. Climate Change and Cotton Production. In: Improvement of Plant Production in the Era of Climate Change. CRC Press.
62. Tawaha et al. **2023**. Production of Plant Hormones from Microorganisms. In: Microbial Fertilizer Technology for Sustainable Crop Production. CRC Press.
63. Hiba Alatrash & Tawaha et al. **2023** Rhizobia as Plant Growth-Promoting Biofertilizers. In: Microbial Fertilizer Technology for Sustainable Crop Production. CRC Press.
64. Khaldoun Othman Al Sane & Tawaha et al. **2023**. Potential Use of Mycorrhizal Fungi in Agricultural Ecosystems: An Overview In: Microbial Fertilizer Technology for Sustainable Crop Production. CRC Press.
65. Imran & Tawaha et al. **2023**. Agricultural Applications of the Arbuscular Mycorrhizal Fungi. In: Microbial Fertilizer Technology for Sustainable Crop Production. CRC Press.
66. Mushtaq Ahmad Khan et al. **2023**. Biochar to Improve Crops Yield and Quality Under a Changing Climate. In: S. Fahad et al. (eds.). Sustainable Agriculture Reviews 61. Biochar to Improve Crop Production and Decrease Plant Stress under a Changing Climate. Springer. Switzerland: 57-73.

Papers Published in Proceedings of International Conferences:

1. Maize grain yield and quality as influenced by plant density, rate and timing of nitrogen application. Proceedings of the 4TH INTERNATIONAL CONFERENCE OF BIOLOGICAL SCIENCES, held at Tanta University, Tanta, Egypt, from 01 to 02 November, **2006**, pp: 159-164.
2. Response of wheat to farmyard manure, potash and zinc under irrigated cropping pattern. Proceedings of the 4TH INTERNATIONAL CONFERENCE OF BIOLOGICAL SCIENCES, held at Tanta University, Tanta, Egypt, from 01 to 02 November, **2006**, pp:165-170.
3. Phenology, growth and yield of spring maize as affected by levels and timings of potassium application. Proceedings of the Soil Science Society Symposium: *ACHIEVING MILLENNIUM GOALS THROUGH WISE SOIL MANAGEMENT* held at Peshawar on 20-22 October, **2008**.
4. Effects of P-Fertilizer Source and Plant Density on Growth and Yield of Maize in Northwestern Pakistan. Proceedings of CIEC 17th International Symposium: *PLANT NUTRIENT MANAGEMENT UNDER STRESS CONDITIONS* held at Cairo, Egypt on 24-27 November, **2008**.
5. Partial factor productivity, agronomic efficiency and economic analysis of maize as influenced by nitrogen application at low and high density. Proceedings of the *SOUTHERN AGRICULTURAL*

- ECONOMIC ASSOCIATION*, Annual Meeting, held January 31-Feb 3, **2009**, Atlanta, Georgia, USA (URI: <http://purl.umn.edu/46747>).
6. Effects of Macronutrients on Seed Quality and Profitability Analysis of Sunflower Production in Northwest Pakistan. Proceedings of the *SOUTHERN AGRICULTURAL ECONOMIC ASSOCIATION*, Annual Meeting, held on 6-9 February, **2010**, Orlando, Florida, USA (<http://ageconsearch.umn.edu/bitstream/56437/2/amanSAEA10.pdf>).
 7. Genotypic Differences In Maize Profitability “Hybrid Vs Local Cultivars” Applied with Variable Rates of Different Nitrogenous Fertilizer Sources. ASA, CSSA & SSSA 2010 International Annual Meeting, held on October 31 to November 04, **2010**, Long Beach California, USA(<http://a-c-s.confex.com/crops/2010am/webprogram/Paper57577.html>).
 8. “Interactive effects of potassium and phosphorus on phenology and grain yield of sunflower in northwest Pakistan” in International conference on “**Climate Change: A Challenge for Agriculturists**” at Khyber Pakhtunkhwa Agricultural University, Peshawar- Pakistan, **28-30 May, 2012**.
 9. “Shoot: root differs in warm season C₄-cereals when grown alone in pure and mixed stands under low and high water levels” in the 12th National and **3rd International Conference of Botany** at Quaid-i-Azam University Islamabad, Pakistan, **1st – 3rd September 2012**.
 10. “**Agronomic NUE of maize genotypes differ at variable source and rate of nitrogen application on calcareous soils**” in International Conference on *Crop Management in Changing Climate*, University of Agriculture Faisalabad, Pakistan, **11-13 February, 2013**.
 11. “**Rate and timing of N application influence agronomic NUE of maize grown at low and high densities on calcareous soils**” in International Conference on *Sustainable Crop Productivity: Threats and Options*, Ayub Agricultural Research Institute, Faisalabad, Pakistan, **11-12 April, 2013**.
 12. “**Preceding Rice Genotypes, Residual Phosphorus and Zinc Influence Crop Productivity under Rice-Wheat Cropping System**” in the 4th International & 13th National Conference of Botany at SBB University, Sheringal, Upper Dir, **27-30th August, 2014**.
 13. “**Global Soil Threats: The Role of Integrated Nutrient Management for Improving Crop Productivity, Grower’s Income, Soil Health and Sustainability**” as invited speaker in the International Summit of Health and Lifestyle: Global Soil Threats scheduled on **4-5th May 2016** held at the University of Tehran, Iran.
 14. **Amanullah. 2017**. Integrated use of organic carbon, plant nutrients and bio-fertilizers is key to improve field crops productivity under arid and semiarid climates. In: FAO (2017) Proceedings of the Global Symposium on Soil Organic Carbon 2017. Food and Agriculture Organization of the United Nations. Rome, Italy. Pp: 480-81.
 15. **Amanullah. 2018**. Best Management Practices Reduce Soil Pollution and Improve Health of All: a review. In: Proceeding of the Global symposium on soil pollution held at UN FAO Headquarters- Rome, Italy on 2-4 May, 2018, pp: 262-267.
 16. **Amanullah. 2020**. Integrated Foliar Nutrients Application Improve Cereals Growth and Productivity under Moisture Stress Condition in Semiarid Climates. In: Abstracts Book: Drylands Deserts and Desertification, **16-18 November 2020**, pp: 16.

A: Publications in Impact Factor Journals (134):

A₁: International Journals with Impact Factor (110):

1. **Amanullah**, H. Rahman, Z. Shah and P. Shah. **2008**. Effects of plant density and N on growth dynamics, light interception and yield of maize. *Archives of Agronomy and Soil Science*. 54(4): 401-411.
2. **Amanullah**, R. A. Khattak and S. K. Khalil. **2009**. Effects of plant density and N on phenology and yield of maize. *Journal of Plant Nutrition*. 32(2): 246-260.
3. Rehman, S., S.K. Khalil, A. Rahman and **Amanullah**. **2009**. Micro-watershed enhances rain water use efficiency, phenology and productivity of wheat under rainfed condition. *Soil & Tillage Research*. 104: 82-87.
4. **Amanullah** and Muhammad Asif. **2009**. Effects of P-fertilizer source and plant density on growth and yield of maize in Northwestern Pakistan. *Journal of Plant Nutrition*. 32(12): 2080-2093.
5. **Amanullah**, M. Yasir, A. Z. Khan and M. Tariq Jan. **2010**. Phenology, growth, and grain yield of maize as influenced by foliar applied urea at different growth stages. *Journal of Plant Nutrition*. 33(1): 71-79.
6. **Amanullah** and P. Shah. **2010**. Timing and rate of nitrogen application influence grain quality and yield in maize planted at high and low densities. *J. Sci. Food & Agric*. 15(1): 21-29.
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