



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE \_\_4719\_\_

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di \_\_Department of Agricultural and Environmental Sciences - Production, Territory, Agroenergy\_\_

Scientist- in - charge: \_\_\_\_Prof. Luca Bechini\_\_\_\_\_

[Mehmood Ali Noor]

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	NOOR
Name	MEHMOOD ALI
Date of birth	03/02/1987

### PRESENT OCCUPATION

Appointment	Structure
JOBLESS	

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree			
Specialization			
PhD	AGRONOMY	CHINESE ACADEMY OF AGRICULTURAL SCIENCES, BEIJING, CHINA	2019
Master	AGRONOMY	University of Agriculture, Faisalabad, Pakistan	2013
Degree of medical specialization			
Degree of European specialization			
Other			



## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of Association	City
04/2017	American Society of Agronomy	Madison, USA

## FOREIGN LANGUAGES

Languages	level of knowledge
English	Advanced
Chinese	Good
Urdu	Native

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2012	Certificate of Appreciation for outstanding performance in agriculture sector for better of farming community, Presented by Agriculture Reform Movement (ARM), Pakistan
2016	'Graduate School of Chinese Academy of Agricultural Sciences Scholarship (GSCAAS Scholarship)' awarded for doctoral study at Chinese Academy of Agricultural Sciences
2016	'Beijing Government Scholarship (BGS)' awarded by provincial government of Beijing, China
2017	'Top reviewers for Multidisciplinary', presented by Publons during Global Peer Review Awards
2018	'Top reviewers in Plant and Animal Science', presented by Publons during Global Peer Review Awards
2018	'Top reviewers in Agricultural Sciences', presented by Publons during Global Peer Review Awards
2019	'Certificate of Reviewing' for Journal of Cleaner Production, presented by The Editors of Journal of Cleaner Production, ELSEVIER journals
2019	'Certified Publons Academy Mentor'
2019	'Top 1% of reviewers in Cross-Field', presented by Publons during Global Peer Review Awards

## TRAINING OR RESEARCH ACTIVITY

description of activity: I have attended several national and international conferences and symposiums and presented works in oral and poster presentations.
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## PROJECT ACTIVITY

Year	Project



## PATENTS

Patent

## CONGRESSES AND SEMINARS

Date	Title	Place
2013	<i>International Conference on Crop Management in Changing Climate,</i>	Department of Agronomy, University of Agriculture Faisalabad, Pakistan
2016	7th International Crop Science Congress	organized by Institute of Crop Sciences, Chinese Academy of Agricultural Sciences (CAAS), Beijing, China
2016	<i>International Training Workshop on Green Super Rice (Crop) Breeding Technology</i>	organized by Institute of Crop Sciences, CAAS and International Rice Research Institute (IRRI)
2016	<i>1<sup>st</sup> International Salinity Conference</i>	organized by Islamia University of Bahawalpur, Pakistan
2018	<i>2<sup>nd</sup> Asia-Pacific Plant Phenotyping Conference</i>	organized by Nanjing Agricultural University, Nanjing, China

## PUBLICATIONS

Books' chapter
Virk, A. L., <b>Noor*</b> , M. A., Fiaz, S., Hussain, S., Hussain, H. A., Rehman, M., Ahsan, M., & Ma, W. (2020). Smart Farming: An Overview. In S. Patnaik, S. Sen, & M. S. Mahmoud (Eds.), <i>Smart Village Technology: Concepts and Developments</i> (pp. 191-201). Cham: <b>Springer International Publishing</b> .
Hussain, S., Khaliq, A., <b>Noor</b> , M. A., Tanveer, M., Hussain, H. A., Hussain, S., Shah, T., & Mehmood, T. (2019). Metal Toxicity and Nitrogen Metabolism in Plants: An Overview. In <i>Carbon and Nitrogen Cycling in Soil</i> (pp. 221-248): <b>Springer Singapore</b> .
<b>Noor*</b> , M. A., Nawaz, M. M., Hassan, M. u., Sher, A., Shah, T., Abrar, M. M., Ashraf, U., Fiaz, S., Basahi, M. A., Ahmed, W., & Ma, W. (2019). Small Farmers and Sustainable N and P Management: Implications and Potential Under Changing Climate. In <i>Carbon and Nitrogen Cycling in Soil</i> (pp. 185-219): <b>Springer Singapore</b> .
Shah, T., Lateef, S., & <b>Noor</b> , M. A. (2019). Carbon and Nitrogen Cycling in Agroecosystems: An Overview. In <i>Carbon and Nitrogen Cycling in Soil</i> (pp. 1-15): <b>Springer Singapore</b> .
T. Shah, M.A. <b>Noor</b> , M. Hasanuzzaman, 2019. <i>Role of nitric oxide in growth regulation and re-orientation of pollen tubes</i> ; In: M. Hasanuzzaman, V. Fotopoulos, K. Nahar, M. Fujita (Editors), <i>Reactive oxygen, nitrogen and sulfur species in plants: Production, metabolism, signaling and defense mechanisms</i> . (pp. 591-608): <b>John Wiley &amp; Sons, Inc</b> .
Zafar, S. A., <b>Noor</b> , M. A., Waqas, M. A., Wang, X., Shaheen, T., Raza, M., & Mehboob Ur, R. (2018). Temperature Extremes in Cotton Production and Mitigation Strategies. In <i>Past, Present and Future Trends in Cotton Breeding: InTech</i> .

Articles in journals
1. <b>Noor*</b> , M. A., Nawaz, M. M., Ma, W., Zhao, M. (2020). Wheat straw mulch improves summer maize productivity and soil properties. <b>Italian Journal of Agronomy</b> . (accepted)
2. Waqas, M. A., Li, Y., Smith, P., Wang, X., Ashraf, M. N., <b>Noor</b> , M. A., Amou, M., Shi, S., Zhu, Y., Li, J., Wan, Y., Qin, X., Gao, Q., & Liu, S. (2020). The influence of nutrient management on soil organic carbon storage, crop production, and yield stability varies under different climates. <b>Journal of Cleaner Production</b> , 121922. doi: 10.1016/j.jclepro.2020.121922
3. Haipeng, H., Wei, M., <b>Noor</b> , M. A., Liyuan, T., Congfeng, L., Zaisong, D., & Ming, Z. (2020). Quantitative design of yield components to simulate yield formation for maize in China. <b>Journal of Integrative Agriculture</b> , 19(3), 668-679. doi:10.1016/S2095-3119(19)62661-4
4. Sher, A., Zhang, L., <b>Noor</b> , M. A., Nadeem, M., Ashraf, U., Baloch, S., Ameen, A., Yuan, X., & Guo, P. (2019). Nitrogen Use Efficiency In Cereals Under High Plant Density: Manufacturing, Management Strategies And Future



- Prospects. **Applied Ecology and Environmental Research**, 17(4), 10139-10153. doi:10.15666/aeer/1704\_1013910153
5. Fiaz, S., Ahmad, S., **Noor**, M. A., Wang, X., Younas, A., Riaz, A., Riaz, A., & Ali, F. (2019). Applications of the CRISPR/Cas9 System for Rice Grain Quality Improvement: Perspectives and Opportunities. **International Journal of Molecular Sciences**, 20(4). doi:10.3390/ijms20040888
  6. Mutairi, S., Ghoneim, A., Modaihsh, A., Alotaibi, K., al-Barakah, F., & **Noor**, M. A. (2019). Deriving Compost from Municipal Organic Wastes in Saudi Arabia. **Polish Journal of Environmental Studies**, 28(3), 1839-1845. doi:10.15244/pjoes/87103
  7. Tang, L., Ma, W., **Noor**, M. A., Li, L., Hou, H., Zhang, X., & Zhao, M. (2018). Density resistance evaluation of maize varieties through new "Density-Yield Model" and quantification of varietal response to gradual planting density pressure. **Scientific Reports**, 8(1). doi:10.1038/s41598-018-35275-w
  8. Ullah, A., Khaliq, A., Riaz, A., **Noor\***, M. A., Fiaz, S., Waqas, M. A., Zain, M., Ashraf, U., & Nawaz, A. (2018). Seed Pre-Treatment and Planting Geometry Positively Influence Herbicide Efficacy in Wheat (*Triticum aestivum*). **Planta Daninha**, 36(0). doi:10.1590/s0100-83582018360100008
  9. Wang, X., Yue, Y., **Noor**, M. A., Hou, H., Zhou, B., Ma, W., & Zhao, M. (2018). Tillage time affects soil hydrothermal properties, seedling growth and yield of maize (*Zea mays* L.). **Applied Ecology and Environmental Research**, 16(5), 6007-6023. doi:10.15666/aeer/1605\_60076023
  10. Riaz, A., Khaliq, A., Fiaz, S., **Noor\***, M. A., Nawaz, M. M., Mahboob, W., & Ullah, S. (2018). Weed Management in Direct Seeded Rice Grown under Varying Tillage Systems and Alternate Water Regimes. **Planta Daninha**, 36(0). doi:10.1590/s0100-83582018360100059
  11. Wattoo, F. M., Rana, R. M., Fiaz, S., Zafar, S. A., **Noor**, M. A., Hassan, H. M., Bhatti, M. H., Rehman, S. U., Anis, G. B., & Amir, R. M. (2018). Identification of drought tolerant maize genotypes and seedling based morpho-physiological selection indices for crop improvement. **Sains Malaysiana** 47, 295-302.
  12. Zafar, S. A., Hameed, A., Nawaz, M. A., Ma, W., **Noor\***, M. A., Hussain, M., & Mehboob ur, R. (2018). Mechanisms and molecular approaches for heat tolerance in rice (*Oryza sativa* L.) under climate change scenario. **Journal of Integrative Agriculture**, 17(4), 726-738. doi:10.1016/s2095-3119(17)61718-0
  13. Shah, T., T. Andleeb, S. Lateef, M.A. **Noor**. 2018. Genome editing in plants: Advancing crop transformation and overview of tools. **Plant Physiology and Biochemistry**, 131: 12-21. doi.org/10.1016/j.plaphy.2018.05.009
  14. Shah, T., Khan, H., **Noor\***, M. A., Wang, X., Basahi, M. A., & Nasir, M. (2018). Enhancement in plant water relations and fatty acid profile in sunflower (*Helianthus annuus* L.) through application of abscisic acid under varied water levels. **Applied Ecology and Environmental Research**, 16(4): 5005-5023.
  15. Shah, T., Khan, H., **Noor\***, M. A., Ghoneim, A., Nasir, M., Basahi, M. A., Wang, X. (2018). Effects of potassium on phenological, physiological and agronomic traits of maize (*Zea mays* L.) under high nitrogen nutrition with optimum and reduced irrigation. **Applied Ecology and Environmental Research**, 16(5): 7079-7097.
  16. **Noor\***, M. A. (2017). Nitrogen management and regulation for optimum NUE in maize – A mini review. **Cogent Food & Agriculture**, 3(1). doi:10.1080/23311932.2017.1348214
  17. Waqas, M. A., Khan, I., Akhter, M. J., **Noor\***, M. A., & Ashraf, U. (2017). Exogenous application of plant growth regulators (PGRs) induces chilling tolerance in short-duration hybrid maize. **Environmental Science and Pollution Research**, 24(12), 11459-11471. doi:10.1007/s11356-017-8768-0
  18. Ashraf, U., Hussain, S., Anjum, S. A., Abbas, F., Tanveer, M., **Noor**, M. A., & Tang, X. (2017). Alterations in growth, oxidative damage, and metal uptake of five aromatic rice cultivars under lead toxicity. **Plant Physiology and Biochemistry**, 115, 461-471. doi:10.1016/j.plaphy.2017.04.019
  19. Muhammad, M., Muhammad, S., Altalb, A., Ahsan, S., Muhammad, M., Zia, M., & **Noor\***, M. A. (2017). Paradigm shift from non-Bt to Bt cotton and factors concurring Bt cotton production in a southern Punjab's district of Pakistan. **AgroLife Scientific Journal**, 6(1), 166-172.
  20. Ahmad, W., **Noor\***, M., Afzal, I., Bakhtavar, M., Nawaz, M., Sun, X., Zhou, B., Ma, W., & Zhao, M. (2016). Improvement of Sorghum Crop through Exogenous Application of Natural Growth-Promoting Substances under a Changing Climate. **Sustainability (Switzerland)**, 8(12), 1330. doi:10.3390/su8121330
  21. **Noor\***, M. A., Ahmad, W., Afzal, I., Salamh, A., Afzal, M., Ahmad, A., Ming, Z., & Wei, M. (2016). Pea seed invigoration by priming with magnetized water and moringa leaf extract. **Philippine Agricultural Scientist** 99, 171-175.
  22. Muddassir, M., Jalip, M. W., **Noor\***, M. A., Zia, M. A., Aldosri, F. O., Zuhabe, A.-u.-H., Fiaz, S., Mubushar, M., & Zafar, M. M. (2016). Farmers' Perception of Factors Hampering Maize Yield in Rain-Fed Region of Pind Dadan Khan, Pakistan. **Journal of Agricultural Extension**, 20(2), 1. doi:10.4314/jae.v20i2.1
  23. Afzal, I., **Noor**, M. A., Bakhtavar, M. A., Ahmad, A., & Haq, Z. (2015). Improvement of spring maize performance through physical and physiological seed enhancements. **Seed Science and Technology**, 43(2), 238-249. doi:10.15258/sst.2015.43.2.02
  24. Bakhtavar, M. A., Afzal, I., Basra, S. M. A., Ahmad, A.-u.-H., & **Noor**, M. A. (2015). Physiological Strategies to Improve the Performance of Spring Maize (*Zea mays* L.) Planted under Early and Optimum Sowing Conditions. **PLoS ONE**, 10(4), e0124441. doi:10.1371/journal.pone.0124441



**Non-SCI indexed journals**

1. Aldosari, F., Al Shunaifi, M. S., Ullah, M. A., Muddassir, M., & **Noor**, M. A. (2019). Farmers' perceptions regarding the use of Information and Communication Technology (ICT) in Khyber Pakhtunkhwa, Northern Pakistan. *Journal of the Saudi Society of Agricultural Sciences*, 18(2), 211-217. doi:10.1016/j.jssas.2017.05.004
2. Akhter, M. J., Abbas, R. N., Waqas, M. A., **Noor\***, M. A., Arshad, M. A., Mahboob, W., Nadeem, F., Azam, M., & Gull, U. (2017). Adjuvant improves the efficacy of herbicide for weed management in maize sown under altered sowing methods. *Journal of Experimental Biology and Agricultural Sciences*, 5(1), 22-30. doi:10.18006/2017.5(1).022.030
3. Aldosari, F. O., Al-Sakran, M. S., Alkhubizi, H. F. N., Muddassir, M., **Noor**, M. A., & Mubushar, M. (2017). Use of cell phones by the farmers as an extension tool to practice sustainable agriculture and achieve food security in the Kingdom of Saudi Arabia. *Journal of Experimental Biology and Agricultural Sciences*, 5(Spl-1-SAFSAW), 91-98. doi:10.18006/2017.5(spl-1-safsaaw).s91.s98
4. Altalb, A., Filipek, T., Skowron, P., & **Noor**, M. (2017). A Study of Farmers' Information towards the Importance of Using Organic Fertilizers in the Lubertsky-Poland District. *Asian Journal of Agricultural Extension, Economics & Sociology*, 17(3), 1-7. doi:10.9734/ajaees/2017/33789
5. Anjum, S. A., Ullah, S., Raza, M. M., Raza, M., Abbas, M., Ahmad, I., Yousaf, M. M., Zeshan, M., Abbas, A., **Noor**, M. A., & Nawaz, M. (2019). Exogenous Supply of Boron at Various Growth Stages Improved Wheat Yield. *Pakistan Journal of Agricultural Research*, 51(5). doi:10.17582/journal.pjar/2019/32.3.422.427
6. Shabbir, R. H., Bashir, Q. A., Shakeel, A., Khan, M. M., Farooq, J., Fiaz, S., Ijaz, B., & **Noor\***, M. A. (2016). Genetic divergence assessment in upland cotton (*Gossypium hirsutum* L.) Using various statistical tools. *Journal of Global Innovations in Agricultural and Social Sciences*, 4(2), 62-69. doi:10.22194/jgiass/4.2.744
7. Fiaz, S., Mobeen, N., **Noor**, M., Muddassir, M., & Mubushar, M. (2016). Implications of Irrigation Water Crisis on Socio-economic Condition of Farmers in Faisalabad District, Punjab, Pakistan. *Asian Journal of Agricultural Extension, Economics & Sociology*, 10(1), 1-7. doi:10.9734/ajaees/2016/22883
8. Fiaz, S., **Noor**, M. A., & Aldosri, F. O. (2018). Achieving food security in the Kingdom of Saudi Arabia through innovation: Potential role of agricultural extension. *Journal of the Saudi Society of Agricultural Sciences*, 17(4), 365-375. doi:10.1016/j.jssas.2016.09.001
9. Fiaz, S., **Noor**, M. A., & Mobeen, N. (2016). Effects Of Irrigation Water Management On Rural Farming Families Of District Faisalabad, Punjab, Pakistan. *Journal of Global Innovations in Agricultural and Social Sciences*, 04(01), 23-28. doi:10.17957/jgiass/4.1.726
10. **Noor\***, M. A., Fiaz, S., Nawaz, A., & Nawaz, M. M. (2018). The effects of cutting interval on agro-qualitative traits of different millet (*Pennisetum americanum* L.) cultivars. *Journal of the Saudi Society of Agricultural Sciences*, 17(3), 317-322. doi:10.1016/j.jssas.2016.07.002
11. Muddassir, M., **Noor\***, M. A., Ahmed, A., Aldosari, F., Waqas, M. A., Zia, M. A., Mubushar, M., Zuhaibe, A.-u.-H., & Jalip, M. W. (2019). Awareness and adoption level of fish farmers regarding recommended fish farming practices in Hafizabad, Pakistan. *Journal of the Saudi Society of Agricultural Sciences*, 18(1), 41-48. doi:10.1016/j.jssas.2016.12.004
12. Muddassir, M., **Noor\***, M. A., Zuhaibe, A.-u.-H., Muneer, S. E. T., Fiaz, S., Mubushar, M., & Zia, M. A. (2016). Effectiveness Of Micro-Credit Loans Provided By Zarai Taraqati Bank Limited Under Awami Zarai Scheme To The Farmers Of Faisalabad, Pakistan. *Journal of Global Innovations in Agricultural and Social Sciences*, 04(01), 29-39. doi:10.17957/jgiass/4.1.725

Congress proceedings
[title, structure, place, year]
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OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR



n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: \_\_Pakistan\_\_, \_05\_/10\_/2020\_\_

SIGNATURE