

**Name:** Dr. Shoaib Ahmed Wagan

**Designation:** Assistant Professor, Department of Business and Management Sciences, Millennium Institute of Technology & Entrepreneurship (MITE), Karachi, Pakistan

**Qualification:** PhD in Economics and Management, Anhui Agricultural University, Hefei, Anhui, China  
MSc(Hons.), Agricultural Economics, Sindh Agriculture University Tandojam

**E-mail:** [shoaib.wagan@mite.edu.pk](mailto:shoaib.wagan@mite.edu.pk)

**Research Sites/Links:**

Google Scholar: <https://scholar.google.com/citations?user=GIWscH4AAAAJ&hl=en&authuser=1>

Researchgate: <https://www.researchgate.net/profile/Shoaib-Wagan>

**Profile:**

Dr. Shoaib Ahmed holds PhD from the College of Economics and Management, Anhui Agricultural University, China with a specialization in Regional Rural Development. He is also a Postdoctoral Research Fellow at the College of Economics and Management, South China Agricultural University, Guangzhou, China. He is a recipient of Gold and Silver Medals in the degree programs of Master and Bachelor of Science (Honours) in Agricultural Economics from Sindh Agriculture University, Pakistan. He has research expertise in the fields of economics and management, Development Economics, Entrepreneurial ventures, development studies, and agricultural and rural development. He has also been a full-time and visiting faculty at various universities in Pakistan and China. He worked on various research projects in the areas of agricultural development and international linkages, poverty reduction, development economics, and social development in three different countries on three continents namely: Pakistan and China, Asia; United States of America, North America; Australia, and Oceania. Moreover, he has supervised the dissertations of 3 M.Phil. students in Pakistan. In total, he has 37 publications in renowned HEC-recognized “W” category, “X” and “Y” category journals that are indexed in the Web of Science Core Collection. His JCR SSCI, SCI, SCIE, A&HCI, and ESCI impact factor is 14.51. He is multi-lingual and has good command over English, Chinese (Mandarin), Urdu, and Sindhi languages.

**Research Interest:**

- Economics and management
- Development Economics

- Production efficiency
- Development studies
- Climate change Environmental studies
- Agricultural and rural development
- Poverty
- Gender Inequality

**Research projects:**

- Trainer for Kitchen gardening project of Basic Education, Employment and Skills Training program (BEST) NGO, in Village Jamil Dal 1 Taluka Kot-Ghulam Mohammad District Mirpurkhas.
- Team Monitor/Supervisor in Pakistan Cotton Survey Round 1.3 a project of Innovative Development Strategies (IDS), Pakistan Strategies Support Program (PSSP), and International food policy research Institute (IFPRI), funded by USAID. Field Survey was conducted at Nawabshah and Dadu Districts
- Team monitor/Supervisor in Pakistan Cotton Survey Round 1.2 a project of Innovative Development Strategies (IDS), Pakistan Strategies Support Program (PSSP), and International food policy research Institute (IFPRI), funded by USAID. Field Survey was conducted at Nawabshah and Dadu Districts
- Research Assistant in Cotton Biophysical Survey of Innovative Development Strategies (IDS) and International Food policy research institute (IFPRI) and Pakistan Agriculture Research Council (PARC)
- Team Monitor/Supervisor in Pakistan Cotton Survey round 1.1, a project of Innovative Development Strategies (IDS), Pakistan Strategies Support Program (PSSP), and International food policy research Institute (IFPRI), funded by USAID. Field Survey conducted in Nawabshah and Dadu Districts.

- Enumerator in Penal survey of Poverty Dynamics, project of IDS (Innovative Development Strategies) project of (PSSP) Pakistan Strategies Support Program, International food policy research Institute (IFPRI), Funded by USAID. 15 days Training at Islamabad and 33 days field Survey at Thatta District.
- Enumerator in Agriculture Sector Linkages Program (ASLP) base line survey project for Mango and dairy development between Pakistan and Australian government by Sindh Agriculture University Tandojam.
- Enumerator in different baseline, field surveys, Data collection, and data analysis experience on SPSS, at Technology Transfer Institute (TTI), Pakistan Agricultural Research Council (PARC) from January, 2011 to December, 2011.
- Three months internship at Technology Transfer Institutes (TTI), Pakistan Agricultural Research Council from 10<sup>th</sup> January, 2011 to 18<sup>th</sup> March, 2011. Internship completed under research topic “Impact Laser Leveler Technology in Wheat Crop production in Mirpur Khas and Tando Allahyar”.
- Researcher in Integrated Pest Management (IPM) Farmers Field School (FFS) Approach on winter growing Okra (As participant), learned different Biological and Cultural techniques to control insect pests and diseases and weeds of Okra.
- Researcher in Integrated Pest Management (IPM) Farmers Field School (FFS) Approach on Onion (As participant) learned different Biological and Cultural techniques to control insect pests and diseases and weeds of Onion crops.

#### **Research Publication:**

1. Sanjrani Manzoor, A., Wajidi, A., **Wagan, S. A.**, Riaz, S., & Siddique, M. (2022). Disaster risk management: Focused to flood hazard and its impact in Pakistan. *Global NEST Journal*, 24(2): 234-247. **(SCI Impact factor 1.04, HEC “X” Category)**
2. **Wagan, S. A.**, Wajidi, A., Sanjrani Manzoor, A., Sakina, S., Memon, Q. U. A., Yanwen, T. (2021). Comparative Study on The Efficiency of Arable Land Protection Policies Of China And Pakistan: A Sustainable Development Lesson For Pakistan. *Journal of Southwest Jiaotong University*, 56(6).**(EI Impact Factor 0.31; HEC “X” Category)**

3. Qian, L., **Wagan, S. A.**, Wang, Y. (2021) An analysis on determinants of farmers' willingness for resource utilization of livestock manure, *Waste Management*, 120: 708-715, <https://doi.org/10.1016/j.wasman.2020.10.036> (**SCI Impact factor 5.44, HEC "W" Category**)
4. **Wagan, S. A.**, Memon, Q.U.A., Yanwen, T. (2020). A comparison of input resource use and production efficiency of wheat between China and Pakistan using Stochastic Frontier Analysis (SFA). *Custos e Agronegocio*, 16(1):79-98. (**SCIE, SSCI Impact Factor 0.605; HEC "Y" Category**).
5. **Wagan, S. A.**, Memon, Q.U., Li Q., Jingdong, L. (2019). Measuring the Efficiency of Pakistani Rice Production via Stochastic Frontier and Data Envelopment Analyses. *Custos e Agronegocio*, 15(2):63-86. (**SCIE, SSCI Impact Factor 0.5; HEC "Y" Category**).
6. Memon, Q.U.A., **Wagan, S. A.**, Chunyu, D., Shuangxi, X., Jingdong, L., Damalas, C. A. (2019). Health problems from pesticide exposure and personal protective measures among women cotton workers in southern Pakistan, *Science of The Total Environment*, 685:659-666. (**SCI, SCIE, IF 6.55; HEC "W" Category**) (**Equal Contribution with First Author**).
7. Memon, Q.U.A., **Wagan, S. A.**, Chunyu, D., Shuangxi, X., Jingdong, L. (2019). An Analysis of Poverty Situation of Landless Peasants: Evidence from Sindh Pakistan, *Journal of Poverty*, 23(4):269-281. (**ESCI; 0.9 HEC "X" Category**) (**Equal Contribution with First Author**).
8. Rehman, A., Jingdong, L., Chandio, A. A., Hussain, I., **Wagan, S. A.** Memon, Q. U. A. (2019). Economic perspectives of cotton crop in Pakistan: A time series analysis (1970–2015) (Part 1), *Journal of the Saudi Society of Agricultural Sciences*, 18(1)49-54 (**Scopus; HEC "X" Category**).
9. **Wagan, S. A.**, Memon, Q.U.A, Chunyu, D., Jingdong, L. (2018). A comparative study on agricultural production efficiency between China and Pakistan using Data Envelopment Analysis (DEA), *Custos e Agronegocio*, 14(3):169-190. (**SCIE, SSCI Impact Factor 0.39; HEC "Y" Category**).
10. **Wagan, S. A.**, Memon, Q. U. A., Shuangxi, X., Noonari, S., Wagan, G. H., Jingdong, L. (2018). A Comparative Study of Urbanization's Impact on Agricultural Land between China, Pakistan, and Germany, *Journal of Resources Development and Management*, 41(2):44-50.
11. Memon, Q. U. A., **Wagan, S. A.**, Chunyu, D., Shuangxi, X., Jingdong, L. (2017). Empirical Analysis of Factors Associated With Rural Poverty and Inequality in Sindh Pakistan, *Transylvanian Review*, 25(22):5789-5799. (**A&HCI Impact factor 0.11; HEC "Y" Category**) (**Equal Contribution with First Author**).
12. **Wagan, S. A.**, Memon, Q. U. A., Shuangxi, X., Chunyu, D., Wagan, T. A., Jingdong, L. (2017). Assessment of Efficiency of Arable Land Protection Policies of China,

*Transylvanian Review*, 25(15):3907-3912. (A&HCI Impact factor 0.11; HEC “Y” Category).

13. **Wagan, S. A.**, Jingdong, L., Shuangxi, X., Noonari, S., Memon, I. N., Memon, Q. U. A., Wagan, G. H. (2017). Economic Assessment of Rice Production in Sindh, Pakistan. *American Journal of Environmental and resource Economics*, 1(1):37-42.
14. Wagan, Z. A., Buriro, M., Wagan, T. A., Wagan, Z. A., Jamro, S. A., Memon, Q. A., Wagan, S. A. (2017). Effect of Foliar Applied Urea on Growth and Yield of Wheat (*Triticum Aestivum L.*). *International Journal of Bioorganic Chemistry*, 2(4):185-191. doi:10.11648/j.ijbc.20170204.15
15. Memon, I. N, Noonari, S., Shah, T., Laghari, M. A., **Wagan, S. A.**, Sethar, A. A., Kalwar, G. Y., Korejo, S. A., Jamro, A. S., Panhnwar, G. M. (2017). An Analysis of Energy Consumption Pattern in Wheat Production in District Shaheed Benazir Abad Sindh Pakistan. *European Journal of Agriculture and Forestry Research*, 5(2): 47-69.
16. Peerzado, M. B., Jalbani, A. A., Mangan, T., Joyo, M. A., Jingdong, L., Memon, Q. U. A., **Wagan, S. A.** (2016). Economic Assessment of Sugarcane Production and Its Marketing Constraints In Sindh, Pakistan, *Journal of Marketing and Consumer Research*, 29(11):11-17.
17. Noonari, S., Memon, I. N., Jatoi, A. A., Memon, A., **Wagan, S. A.**, Sethar, A. A., Kalwar, G. Y., Bhatti, M. A., Korejo, A. S., Panhwar, G. M. (2016). Analysis of Rice Profitability and Marketing Chain: The Case Study of Taluka Pano Akil District Sukkur Sindh Pakistan. *Global Journal of Agricultural Research*, 4(3):29-37.
18. Peerzado, M. B., Mangan, T., Jingdong, L., Memon, Q. U. A., **Wagan, S. A.** (2016). Economic Assessment of Henna Production in District Naushahero Feroze, Sindh, Province of Pakistan, *Journal of natural Sciences Research*, 6(13):61-67.
19. Memon, Q. U. A., Jingdong, L., Shuangxi, X., Joyo, M. A., **Wagan, S. A.**, Memon, I. H., Wagan, Z. A. (2016). Socioeconomic analysis of poverty issues in Taluka Hala District Matiari, Sindh, Pakistan, *Eastern Journal of Economics and Finance*, 2(1):1-8.
20. Memon, Q. U. A., Jingdong, L., Shuangxi, X., **Wagan, S. A.**, Memon, I. H., Pirzado, M. B., Wagan, S. A. (2016). Role of Agricultural Credit in Improving Agricultural, Productivity of Pakistan “A Case Study of Qambar Shahdadkot District”. *Research Journal of Finance and Accounting*, 7(11):89-93.
21. **Wagan, S. A.**, Jingdong, L., Shuangxi, X., Noonari, S., Memon, Q. U. A., Rehman, A., Pirzado, M. B. (2016). Significance of Agricultural Finance in Agricultural and Rural Development of Pakistan “A Case Study of Qambar Shahdadkot District”. *Research Journal of Finance and Accounting*, 7(9):89-94.
22. Rehman, A., Jingdong, L., Yuneng, D., Khatoon, R., **Wagan, S. A.**, Khan, S. N. (2015). Flood Disaster in Pakistan and its Impact on Agriculture Growth (A Review), *Global Advanced Research Journal of Agricultural Science*, 4(12):827-830.

23. Memon, Q. U. A., **Wagan, S. A.**, Wagan, T. A., Memon, I. H., Wagan, Z. A., Memon, H., Wagan, Z. A., Jamro, A., Wagan, S. A., Memon, I. H., Memon, A. H. (2015). Economic Analysis of Hybrid Rice in Taluka Golarchi District Baddin Sindh, Pakistan. *International Journal of Business and Economics Research*, 4(6):264-269.
24. Rehman, A., Jingdong, L., Du, Y, Khatoon, R., **Wagan, S. A.**, Memon, Q. U. A., Shahzad, B. (2015). Pakistan' s Economy overview, and current big challenges to Pakistan economy( A study). *EPRA International Journal of Business and Review*, 3(10):178-184.
25. Shaikh, M. A., Mangan, T., Ahmed, M., Buriro, M., Nangraj, M., **Ahmed,S.** (2015). Economic and Social Causes of Child Labor in District Quetta, Balochistan. *European Academic Research*, 3(4):4539-4554.
26. Noonari, S., Memon, I. N., Peerzado, M. B., Shah, S. T., Memon, Q. U. A., **Wagan, S. A.**, Sethar, A. A., Kalwar, G. Y., Panhwar, G. M., Bhatti, M. A., Chandio, A. A., Sargani, G. R. (2015). Net External Liabilities and Economic Growth: A Case Study of Pakistan. *Journal of Research Development and Management*, 8:36-42.
27. Noonari, S., Memon, I. N., Wahid, R., Peerzado, M. B., Memon, Q. U. A., **Wagan, S, A.**, Chandio, A. A., Sethar, A. A., Bhatti, M. A., Kalwar, G. Y. (2015). Economic Analysis of Apple Orchards Production in District Mastung Balochistan Pakistan, *European Journal of Business and Management*, 7(10):40-53.
28. Noonari, S., Memon, I. N., Bijarani, A. A., Peerzado, M. B., Memon, Q. U. A., **Wagan, S. A.**, Chandio, A. A., Sethar, A. A., Bhatti, M. A., Kalwar, G. Y. (2015). Impact of Credit on Agricultural Productivity: A Case Study of Zarai Taraqati Bank Ltd (ZTBL) Loans in District Kashmore at Kandh Kot, Sindh Pakistan, *Journal of Economics and Sustainable Development*, 6(7):66-88.
29. Memon, Q. U. A., **Wagan, S. A.**, Wagan, T. A., Memon, I. H., Wagan, Z. A. (2015). Comparative Economic Analysis of Laser Land Leveling and Conventional Land Leveling on Wheat Crop in Sindh, Pakistan. *Research on Humanities and Social Sciences*, 5(15):71-76.
30. **Wagan, S. A.**, Memon, Q. U. A., Wagan, T. A., Memon, I. H., Wagan, Z. A. (2015). Economic Analysis of Laser Land Leveling Technology Water Use Efficiency and Crop Productivity of Wheat Crop in Sindh, Pakistan. *Journal of Environment and Earth Science*, 5(15):21-25.
31. **Wagan, S. A.**, Noonari, S., Memon, I. N., Bhatti, M. A., Kalwar, G. Y., Sethar, A. A., Jamro, A. S. (2015). Comparative Economic Analysis of Hybrid Rice v/s Conventional Rice Production in District Badin Sindh Province Pakistan, *Journal of Environment and Earth Science*, 5(3):76-89.
32. **Wagan, S. A.**, Mustafa, T., Noonari, S., Memon, Q. U. A., Wagan, T. A. (2015). Performance of hybrid and conventional rice varieties in sindh Pakistan, *Journal of Economics and Sustainable Development*, 6(3):114-117.

33. Noonari, S., Memon, I. N., Kolachi, M. A., Chandio, A. A., **Wagan,S. A.**, Sethar, A. A., Kalwar, G. Y., Bhatti, M. A., Korejo, A. S., Panhwar, G. M. (2015). Economic Analysis of Poultry Production in Tando Allahyar District Sindh. *Journal of Economics and Sustainable Development*, 6(3):118-130.
34. Noonari, S., Memon, I. N., Bhatti, M. A., Peerzado, M. B., **Wagan,S. A.**, Memon, Q. U. A., Chandio, A. A., Sethar, A. A., Kalwar, G. Y., Shah. S. T., Jamro, A. S. (2015). Comparative Economics Analysis of the Bt. Cotton V/S Conventional Cotton Production in Khairpur District, Sindh, Pakistan, *International Journal of Business and Economics Research*, 4(3): 72-85.
35. Shah, T., Memon, I. N., Noonari, S., Shah, W., Mengal, A. A., **Wagan,S. A.**, Sethar, A. A. (2015). Impact of Microcredit on Agricultural Development in District Mastung Balochistan: A Case Study of Balochistan Rural Support Programme (BRSP). *Journal of Poverty, investment and Development*, 9(3):21-36.
36. Noonari, S., Memon, I. N., Solangi, S. U., Laghari, M. A., **Wagan,S. A.**, Sethar, A. A. Kalwar, G. Y., Korejo, A. S., Jamro, A. S., Panhwar, G. M. (2015). Economic Implications of Tomato Production in Naushahro Feroze District of Sindh Pakistan. *Research on Humanities and Social Sciences*, 5(7):158-170.
37. Wagan, T. A., Khaskheli, M. I., Abbasi,Q. D., Jiskani, M. M., **Wagan, S. A.** (2015). Effect of Irrational Use of Pesticides on Insect Pests and Yield of Okra. *Journal of Biology Agriculture and Healthcare*, 4(25):74-78.