

Muhammad Waqas Alam Chattha

Assistant Professor

Atta-Ur-Rahman School of Applied Biosciences

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About

Dr. Muhammad Waqas Alam Chattha is working as Assistant Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Muhammad Waqas Alam Chattha has a PhD in Agricultural And Resource Economics/Spatial Analysis. Dr. Muhammad Waqas Alam Chattha has published 6 research articles & conference papers having a citation count of 16, carried out 1 projects and filed 2 intellectual property.

Qualifications

PhD in Agricultural And Resource Economics/Spatial Analysis University of Sydney , Australia	2013 - 2018
MPhil in Agricultural Economics University of Agriculture Faisalabad , Pakistan	2003 - 2005
MSc in Computer Sciences University of Agriculture Faisalabad , Pakistan	2000 - 2003
BSc in Agricultural Economics University of Agriculture Faisalabad , Pakistan	1996 - 2000

Experience

Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2024- Present
Assistant Professor Atta-Ur-Rahman School of Applied Biosciences	2020 - 2020
Consultant/Post Doctoral researcher/Cons. Plant Breeding Institute-University of Sydney Australia , 107-Cobbitty Road Cobbitty, NSW 2570, Australia	2016 - 2019
Lecturer University of Agriculture Faisalabad , Jail Road, University of Agriculture Faisalabad, Pakistan	2006 - 2011
Agricultural Finance Officer HBL Pvt. Ltd./Credit and Commerce consultant pvt LTD , 415, 4th Flr., Progressive PlazaBeaumont Road, Civil Lines, Karachi 74000, Sindh, Pakistan	2005 - 2006

Industry Projects

National Projects	
Water Use Efficiency of Drip Irrigation System Client: Nestle Amount: PKR 2,135,000.00 Status: Completed	2021

International Projects

Research Articles

Assessing the environmental, economic, and social impacts of industrial mining on agricultural communities in Sierra Leone: A sustainable approach using PLS-SEM <i>Muhammad Waqas Alam Chattha Almazea Fatima Peter C. Thomson Luciano Adrián González Muhammad Farooq Hyder Braima Pascal Komba</i> <i>Cleaner and Responsible Consumption</i> , Volume 16, Article Number 100250 Impact Factor: N/A Citations: 2 DOI: https://doi.org/10.1016/j.clrc.2025.100250	2025
Spirulina and chlorela derived hard candies as functional food <i>Shafia Maryam Mecit Halil Oztop Sarper Doğdu Mehmet Ali Marangoz Muhammad Qasim Hayat Ramish Riaz Muhammad Waqas Alam Chattha Hussnain</i> <i>Ahmed Janjua Zeshan Zeshan</i> <i>Journal of Functional Foods</i> , Volume 123, Article Number 106565 Impact Factor: 3.800 Quartile: 2 DOI: https://doi.org/10.1016/j.jf.2024.106565	2024
Economic Analysis of Fertilizer use and its Price Variability Effects on Wheat Productivity in Punjab- A Case Study of Faisalabad <i>Sadia Rashid Muhammad Waqas Alam Chattha Almazea Fatima Muhammad Farooq Hyder Nazia Tabasam</i> <i>Sarhad Journal of Agriculture</i> , Volume:40, Issue:4, Page:1172-1180 Impact Factor: N/A DOI: https://dx.doi.org/10.17582/journal.sja/2024/40.4.1172.1180	2024
Emerging Business: Cut-Rose and Gladiolus Production by Small-Scale Florists in Pakistan <i>Muazzam Hashmi Braima Pascal Komba Muhammad Waqas Alam Chattha Almazea Fatima Muhammad Farooq Hyder</i> <i>Sarhad Journal of Agriculture</i> , Volume:40, Issue:2, Pages:570-577 Impact Factor: N/A DOI: https://dx.doi.org/10.17582/journal.sja/2024/40.2.570.577	2024
Lipid extraction and analysis of microalgae strain pectinodesmus PHM3 for biodiesel production <i>Dania Akram Kiyani Shafia Maryam Sundus Jabeen Amina Abdullah Ahmad Muhammad Waqas Alam Chattha Hussnain Ahmed Janjua</i> <i>BMC Biotechnology</i> , Volume:23, Issue:1, Article number: 20 Impact Factor: 3.5 Quartile: 2 Citations: 9 DOI: 10.1186/s12896-023-00784-8	2023
Drying process optimization of garlic slices in closed-loop heat pump drying system by Box-Behnken design <i>Haolu Liu Khurram Yousaf Zhenwei Yu Asad Riaz Innocent Nyalala Muhammad Waqas Alam Chattha Kunjie Chen</i> <i>Journal of Food Processing and Preservation</i> , Pages 1-9, Article Number e16190 Impact Factor: 2.190 Quartile: 3 Citations: 5 DOI: 10.1111/jfpp.16190	2021

Intellectual Property

Copyrights

Patents

Curcumin solution prep ration for copying black text on to various surfaces Status: Filed	2021
Manufacturing of TabCoal, long lasting charcoal combustible tablets Status: Licensed Filed	2021

Industrial Designs

Trademarks