Rai Waqas Azfar Khan

Defence Faculty

Military College of Engineering

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About

Dr. Rai Waqas Azfar Khan is working as Defence Faculty in the Military College of Engineering. Dr. Rai Waqas Azfar Khan has a PhD in Sustainable Supply Chain Management. Dr. Rai Waqas Azfar Khan has published 12 research articles & conference papers having a citation count of 178, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Sustainable Supply Chain Management 2009 - 2017
University of Veterinary & Animal Science , Pakistan

Experience

Defence Faculty 2023- Present
Military College of Engineering

Defence Faculty 2015 - 2015
Military College of Engineering

Proj Manager / Consultant / Te 1998 - 2015
Army / DDC / NUST , CE-Wing, MCE, NUST, Risalpur

Awards

Scholarship 2009
NUST Mega S&T Scholarship

Professional Memberships

PEC Since 2009

Research Articles

Cooling load reduction strategies for community worship place towards attaining sustainability: a life cycle cost perspective 2025

Fatima Anwar Muhammad Sohail Anwar Malik Mughees Aslam Rai Waqas Azfar Khan

International Journal of Life Cycle Assessment, Volume:30, Pages:301-317,

Impact Factor: 4.9 | **Quartile:** 1 | **Citations:** 1
DOI: https://doi.org/10.1007/s11367-024-02393-9

Exploring waste marble dust as an additive in cementitious grouts for semi-flexible pavement applications: Analysis and optimization using RSM 2024

Muhammad Nouman Khan Muhammad Imran Khan Jalal Habib Khan Sarfraz Ahmed Rai Waqas Azfar Khan

Construction and Building materials , Volume 411, Article Number 134554

Impact Factor: 7.4 | **Quartile:** 1 | **Citations:** 18
DOI: https://doi.org/10.1016/j.conbuildmat.2023.134554

Prediction of compressive strength of cementitious grouts for semi-flexible pavement application using machine learning approach 2023

Muhammad Imran Khan Nasir Khan Syed Roshan Zamir Hashmi Muhamad Razuhanafi Mat Yazid Nur Izzi Md Yusoff Rai Waqas Azfar Khan Mujahid Ali Roman Fediuk

Case Studies in Construction Materials , Volume 19, Article Number e02370

Impact Factor: 6.2 | **Quartile:** 2 | **Citations:** 12
DOI: https://doi.org/10.1016/j.cscm.2023.e02370

Exploring Perceptions of the Adoption of Prefabricated Construction Technology in Pakistan Using the Technology Acceptance Model 2023

Rai Waqas Azfar Khwaja Mateen Mazher Basel Sultan Ahsen Maqsoom Shabir Hussain Khahro Zubair Ahmed Memon Muhammad Hamza

Sustainablity , Volume 15, Issue 10, Article Number 8281

Impact Factor: 3.889 | **Quartile:** 2 | **Citations:** 8

DOI: 10.3390/su15108281

Quantitative Analysis of Sustainable Use of Construction Materials for Supply Chain Integration and Construction Industry Performance through Structural Equation Modeling (SEM) 2021

Asad Kamal Rai Waqas Azfar Bashir Salah Waqas Saleem Muhammad Abas Razaullah Khan Catalin I. Pruncu

Sustainability , Volume 13(2), Article Number 522

Impact Factor: 3.889 | **Quartile:** 2 | **Citations:** 17

DOI: https://doi.org/10.3390/su13020522

BIM-based claims management system: A centralized information repository for extension of time claims 2020

Babar Ali Hafiz Zahoor Ahmad khan Abdur Rehman Nasir Ahsen Maqsoom Rai Waqas Azfar Khan Khwaja Mateen Mazher

Automation in Construction, Voume 110, Article Number 102937

Impact Factor: 7.700 | **Quartile:** 1 | **Citations:** 72

DOI: 10.1016/j.autcon.2019.102937

Risk factors influencing the building projects in Pakistan: from perspective of contractors, clients and consultants 2019

Asad Kamal Muhammad Abas Dildar Khan Rai Waqas Azfar

International Journal of Construction Management, Pages 1-17

Impact Factor: 0 | **Citations:** 40

DOI: DOI: 10.1080/15623599.2019.1683693

Comparison of Sulphur and Zirconium Doped TiO2 Nanoparticles for H2S Gas Destruction 2019

Rai Waqas Azfar Khan Naeem Shahzad

International Journal of Environmental Science and Development, Volume 10, No. 9, Pages 266-269

Impact Factor: 2.540 | **Quartile:** 2

DOI: doi: 10.18178/ijesd.2019.10.9.1185

Lowering of Groundwater Table Around River Ravi in Lahore: Aggravated by Indus Water Treaty 2018

Naeem Shahzad Sadaf Mumtaz Rai Waqas Azfar Khan

Australia and New Zealand Journal of Social Business, Environment and Sustainability, Volume 4, Issue 2, Pages 65-72

Impact Factor: -

DOI: NA

Application of Lean Agile Resilient Green Paradigm Framework on China Pakistan Economic Corridor: A Case Study 2017

Rai Waqas Azfar Khan Naeem Shahzad Sadaf Mumtaz

Mehran University Research Journal of Engineering & Technology, Volume 36, No. 3, Pages 521-534

Impact Factor: -

DOI: DOI: https://doi.org/10.22581/muet1982.1703.18

Comparison of H2S gas destruction potential using TIO2 nanofibers and nanoparticles 2017

Naeem Shahzad Rai Waqas Azfar

Environmental Science and Pollution Research, Volume 24, Issue 2, Pages 1133-1136

Impact Factor: 2.800 | **Quartile:** 2 | **Citations:** 4

DOI: DOI:10.1007/s11356-016-7644-7