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About

Dr. Hafiz Muhammad Nadir is working as Defence Faculty in the Military College of Engineering. Dr. Hafiz Muhammad Nadir has a PhD in Water resource management. Dr. Hafiz Muhammad Nadir has published 24 research articles & conference papers, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Water resource management Leeds Metropolitan University , United Kingdom	2020 - 2024
MS in Water Resource Management University of Leeds , United Kingdom	2018 - 2020
MBA in 2025-05-27 Preston University, Pakistan Campus , Pakistan	2018 - 2006
BE in 2025-05-27 Military College Of Engineering Risalpur , Pakistan	2018 - 1999
MS in 2025-05-27 College of Electrical and Mechanical Engineering , Pakistan	2008 - 2010

Experience

Defence Faculty Military College of Engineering	2025- Present
Lieutenant Colonel Pakistan Army Corps of Engineers , GHQ Rawalpindi	1996 - 2025

Research Articles

Evaluation of Water Quality and Scarcity Issues for Sustainable Water Management Strategy in Twin Cities of Rawalpindi/ Islamabad, Pakistan. Hafiz Muhammad Nadir International Journal of Environment and Geoinformatics, Pages 11(3), Pages 76-89 Impact Factor: N/A DOI: http://dx.doi.org/10.30897/ijegeo.1487205	2024
A Comparative Evaluation of Embodied Environmental Impacts of Channel Stabilisation Using Concrete Lining and Alternative Pozzolanic Materials Hafiz Muhammad Nadir Advances in Earth and Environmental Science, , Volume 5(4), Pages 1-13 Impact Factor: N/A DOI: http://dx.doi.org/10.47485/2766-2624.1059	2024
A Projected Hydrological Study and Catchment-Level Hydrograph Modelling for Channel Stabilisation Journal of Earth and Environmental Sciences Research Hafiz Muhammad Nadir Journal of Earth and Environmental Science Research, Volume 6(10), Pages 1-11 Impact Factor: N/A DOI: http://dx.doi.org/10.47363/JEESR/2024(6)227	2024
Elucidation of novel, alternative, fiber-reinforced ironbased pozzolanic composites as SCMs Hafiz Muhammad Nadir Ash Ahmed Ikram Moshi Academia Material Science Journal, Volume 1, Issue 3, Pages 1-21 Impact Factor: N/A	2024

DOI: http://dx.doi.org/10.20935/AcadMatSci7277	
A Comparative Study Investigating the Feasibility and Potential of Utilising Polymer, Demolition & Glass Waste as a Partial Replacement for Fine and Coarse Aggregate in Concrete Ash Ahmed Hafiz Muhammad Nadir <i>Journal of Material Sciences & Manufacturing Research</i> , Volume 4(6), Pages 1-9 Impact Factor: N/A DOI: http://dx.doi.org/10.47363/JMSMR/2023(4)162	2023
Comparative Assessment of Environmental Distributive Impact of Air Pollution on Least/ Most Deprived Areas of Leeds and London, UK Hafiz Muhammad Nadir <i>Trends in Civil Engineering and its Architecture</i> , Volume 4, Issue 3, Pages 713-721 Impact Factor: N/A DOI: http://dx.doi.org/10.32474/TCEIA.2023.04.000193	2023
Experimental Investigation of Engineering Properties of Iron-Based Binary and Ternary Pozzolan Supplementary Cementitious Materials Hafiz Muhammad Nadir Ash Ahmed James West <i>Journal of Materials and Polymer Science</i> , Volume 3, Issue 1, Pages 1-13 Impact Factor: N/A DOI: http://dx.doi.org/10.47485/2832-9384.1024	2023
Hydrological Analysis and Statistical Modelling of Swat River Basin for Flood Risk Assessment Hafiz Muhammad Nadir Ash Ahmed <i>Advances in Earth and Environmental Science</i> , Volume 3(4), Pages 1-13 Impact Factor: N/A DOI: https://doi.org/10.47485/2766-2624.1028	2022
Compressive and Flexural Strength of Non-Hydraulic Lime Mortar with Slag (GGBS) Ash Ahmed Hafiz Muhammad Nadir Charlotte Sutherland Georgie Haslam Colin Yates Lee Yates <i>Journal of Material Sciences & Manufacturing Research</i> , Volume 3(3), Pages 1-6 Impact Factor: N/A DOI: http://dx.doi.org/10.47363/JMSMR/2022(3)137	2022
Potential of Utilizing Coir, Straw, and Recycled PET Fibres as Sustainable & Economical Alternative in Fibre Reinforced Concrete Hafiz Muhammad Nadir Ash Ahmed Parneet Paul Mark Mitchell <i>Research & Development in Material science</i> , Volume 16(5), Pages 1885-1897 Impact Factor: N/A DOI: http://dx.doi.org/10.31031/RDMS.2022.16.000899	2022
Compressive and Flexural Strength of Non-Hydraulic Lime Mortar with Metakaolin Pozzolan Ash Ahmed Hafiz Muhammad Nadir Georgie Haslam Charlotte Sutherland Colin Yates Lee Yates <i>Modern Approaches on Material Science (MAMS)</i> , Volume 5, Issue 1, Pages 627-634 Impact Factor: N/A DOI: http://dx.doi.org/10.32474/MAMS.2022.05.000202	2022
Potential Sustainable Cement Free Limecrete Based on GGBS & Hydrated Lime as an Alternative for Standardised Prescribed Concrete Applications Joshua Cunliffe Hafiz Muhammad Nadir Ash Ahmed Colin Yates Lee Yates Neshe Limbu Osama Abdelwahab Abdu Aljahed Nayan Patel <i>Research & Development in Material Science</i> , Volume 15(5), Pages 1753-1763 Impact Factor: N/A DOI: https://doi.org/10.31031/RDMS.2021.15.000874	2021
Comparative Evaluation of Potential Impacts of Agricultural and Industrial Waste Pozzolan Binders on Strengths of Concrete Hafiz Muhammad Nadir Ash Ahmed <i>Journal of Material Sciences & Manufacturing Research</i> , Volume 2(2), Pages 1-8 Impact Factor: N/A DOI: http://dx.doi.org/10.47363/JMSMR/2021(2)119	2021
Impact of Nitrate Vulnerable Zones and Catchment Sensitive Farming in UK Hafiz Muhammad Nadir Ash Ahmed <i>Research & Development in Material Science</i> , Volume 14(5), Pages 1610-1619	2021

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DOI: 10.31031/RDMS.2021.14.000848

Causes and Monitoring of Delays and Cost Overrun in Construction Projects in Pakistan

2020

Hafiz Muhammad Nadir Ash Ahmed

International Journal of Engineering Inventions, Volume 9, Issue 8, Pages 20-33

Impact Factor: N/A

Impact of Adjacent Land Use, Infrastructure and Urbanization on Water Quality in a River from Headwater to Downstream

2019

Hafiz Muhammad Nadir Jonathan Carrivick

International Journal of Advances in Science Engineering and Technology, Volume-7, Issue-3, Pages 16-23

Impact Factor: N/A