

# Muhammad Sohail Anwar Malik

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## About

Dr. Muhammad Sohail Anwar Malik is working as Assistant Professor in the Military College of Engineering. Dr. Muhammad Sohail Anwar Malik has a PhD in Const Engg mgmt. Dr. Muhammad Sohail Anwar Malik has published 16 research articles & conference papers having a citation count of 143, carried out 0 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Const Engg mgmt</b> UET Taxila , Pakistan	2010 - 2015
<b>MS in Const Engg and Mgmt</b> UET Taxila , Pakistan	2006 - 2008
<b>BE in Civil Engg</b> NUST, Islamabad , Pakistan	1993 - 1993

## Experience

<b>Assistant Professor</b> Military College of Engineering	2022- Present
<b>Temporary Visiting Faculty</b> Military College of Engineering	2022 - 2022
<b>Asst Prof</b> MCE NUST , MCE Risalpur	2022 - 2023
<b>Project Manager</b> DD&C, EinC Branch , GHQ Rwp	2018 - 2022
<b>Asst. Prof</b> NIT, SCEE, NUST, H-12 Campus , H-12 Islamabad	2017 - 2018
<b>Instr CI B</b> MCE , MCE Risalpur	2012 - 2017

## Research Articles

<b>Deconstructing construction wastes: Exploring waste generation causes and their impact on project performances</b> <i>Usman Aftab Mughees Aslam Aman Ul Haq Farrokh Jaleel Muhammad Sohail Anwar Malik Hafiz Zahoor Ahmad khan</i> <i>PLoS One</i> , Volume:20, Issue:5, Article Number e0322295 <b>Impact Factor:</b> 2.900   <b>Quartile:</b> 1 <b>DOI:</b> <a href="https://doi.org/10.1371/journal.pone.0322295">https://doi.org/10.1371/journal.pone.0322295</a>	2025
<b>Smart IoT-enabled vehicle-mounted weighing system for real-time monitoring and quantification of loose construction materials</b> <i>Abeer Ahmad Jadoon Mughees Aslam Muhammad Sohail Anwar Malik Hamza Alam</i> <i>Engineering, Construction and Architectural Management</i> , Pages 1-22 <b>Impact Factor:</b> 3.600   <b>Quartile:</b> 1 <b>DOI:</b> 10.1108/ECAM-10-2024-1407	2025
<b>Cooling load reduction strategies for community worship place towards attaining sustainability: a life cycle cost perspective</b> <i>Fatima Anwar Muhammad Sohail Anwar Malik Mughees Aslam Rai Waqas Azfar Khan</i>	2025

<p><i>International Journal of Life Cycle Assessment</i>, Volume:30, Pages:301-317,</p> <p><b>Impact Factor:</b> 4.9   <b>Quartile:</b> 1   <b>Citations:</b> 1</p> <p><b>DOI:</b> <a href="https://doi.org/10.1007/s11367-024-02393-9">https://doi.org/10.1007/s11367-024-02393-9</a></p>		
<p><b>Benchmarking lean construction conformance in Pakistan's construction industry</b></p> <p><i>Mughees Aslam Edmund Baffoe-Twum Sohail Malik</i></p> <p><i>Engineering, Construction and Architectural Management</i>, Volume: 31, Issue: 5, Pages:2077-2100</p> <p><b>Impact Factor:</b> 3.6   <b>Quartile:</b> 1   <b>Citations:</b> 3</p> <p><b>DOI:</b> 10.1108/ECAM-11-2023-1125</p>		2024
<p><b>Reducing cooling load and lifecycle cost for residential buildings: a case of Lahore, Pakistan</b></p> <p><i>Huma Khalid Muhammad Ali Musarat Wesam Salah Alaloul Muhammad Jamaluddin Thahee Muhammad Sohail Anwar Malik</i></p> <p><i>International Journal of Life Cycle Assessment</i>, Volume 26, Issue 12, Pages 2355-2374</p> <p><b>Impact Factor:</b> 5.257   <b>Quartile:</b> 2   <b>Citations:</b> 17</p> <p><b>DOI:</b> <a href="https://doi.org/10.1007/s11367-021-02000-1">https://doi.org/10.1007/s11367-021-02000-1</a></p>		2021
<p><b>Risk assessment of fast-track projects: a systems-based approach</b></p> <p><i>Nazia Rasul Muhammad Sohail Anwar Malik Muhammad Jamaluddin Thaheem Beenish Bakhtawar</i></p> <p><i>International Journal of Construction Management</i>, Volume 21, No. 11, Pages 1099–1114</p> <p><b>Impact Factor:</b> 0   <b>Citations:</b> 23</p> <p><b>DOI:</b> 10.1080/15623599.2019.1602587</p>		2021
<p><b>Effect of factors of organizational structure influencing nonphysical waste in road projects of developing countries</b></p> <p><i>Dr Muhammad Irfan Muhammad Sohail Anwar Malik Syeed Sami Ul Haq Kaka Khel</i></p> <p><i>Engineering, Construction and Architectural Management</i>, Volume 27, No. 10, Pages 3135-3153</p> <p><b>Impact Factor:</b> 3.531   <b>Quartile:</b> 2   <b>Citations:</b> 8</p> <p><b>DOI:</b> 10.1108/ECAM-06-2019-0327</p>		2020
<p><b>Effect of stakeholder's conflicts on project constraints: a tale of the construction industry</b></p> <p><i>Muhammad Irfan Muhammad Sohail Anwar Malik Abdur Rehman Nasir Muhammad Jamaluddin Thaheem Hamza Farooq Gabriel</i></p> <p><i>International Journal of Conflict Management</i>, Volume 30, Issue No. 4, Pages 538-565</p> <p><b>Impact Factor:</b> 1.196   <b>Quartile:</b> 2   <b>Citations:</b> 29</p> <p><b>DOI:</b> 10.1108/IJCM-04-2019-0074</p>		2019
<p><b>Contractual Risks of Building Information Modeling: Toward a Standardized Legal Framework for Design-Bid-Build Projects</b></p> <p><i>Muhammad Farhan Arshad Muhammad Jamaluddin Thaheem Abdur Rehman Nasir Muhammad Sohail Anwar Malik</i></p> <p><i>Journal of Construction Engineering and Management</i>, Volume 145, Issue 4, Article Number 04019010</p> <p><b>Impact Factor:</b> 2.734   <b>Quartile:</b> 2   <b>Citations:</b> 55</p> <p><b>DOI:</b> 10.1061/(ASCE)CO.1943-7862.0001617</p>		2019
<p><b>A Conceptual Model of Delay Factors Affecting Government Funded Hydropower Projects</b></p> <p><i>Abdul Anwar Muhammad Sohail Anwar Malik</i></p> <p><i>Developing Country Studies</i>, Vol:07, No.10, Pages: 08</p> <p><b>Impact Factor:</b> N/A</p> <p><b>DOI:</b> <a href="https://www.iiste.org/Journals/index.php/DCS/article/view/39083">https://www.iiste.org/Journals/index.php/DCS/article/view/39083</a></p>		2017
<p><b>Identification of risk factors generating terrorism in pakistan</b></p> <p><i>Muhammad Sohail Anwar Malik Michael Sandholzer M. Zubair Khan Sajjad Akbar</i></p> <p><i>Terrorism and Political Violence</i>, Volume 27, Issue 3, Pages 537-556</p> <p><b>Impact Factor:</b> 0.933   <b>Quartile:</b> 2   <b>Citations:</b> 7</p> <p><b>DOI:</b> 10.1080/09546553.2013.820184</p>		2015

- Factors affecting Productivity of Infrastructure Development Project attributable to Insecurity due to Terrorism** 2016  
*Muhammad Sohail Anwar Malik Shazia Nauman*  
*Advances in Engineering Mechanics and Materials*, res.country(121,)  
**Citations:** N/A  
**DOI:** ISBN: 978-1-61804-241-5
- Factors Affecting Material Procurement, Supply and Management in Building Projects of Pakistan: A Contractor's Perspective** 2015  
*Anwar Zeb Muhammad Sohail Anwar Malik Shazia Nauman Hashim Hanif Muhammad Osama Shahbaz Amin*  
*2015 International Conference on Innovations in Civil and Structural Engineering (ICICSE'15)*, res.country(224,)  
**Citations:** N/A  
**DOI:** ISBN 978-93-84422-22-6
- Causes of Variation Orders in Construction of Hydropower Projects of Pakistan** 2014  
*Hashim Hanif Dr. Muhammad Bilal Khurshid Muhammad Sohail Anwar Malik Shazia Nauman*  
*International Conference on Management and Engineering (CME 2014)*, res.country(48,)  
**Citations:** N/A  
**DOI:** ISBN: 978-1-60595-174-4
- Organizational Trends for Adoption of Internet Communication Technology (ICT) for Improvement of Output Quality in Public Sector of Developing Countries. (a case study)** 2012  
*Shahid Mehmood Shahrukh Muhammad Sohail Anwar Malik Ahsen Nawaz*  
*AGBA South Asia Chapter 2nd International conference (SAICON 2010) Bhurban*, res.country(177,)  
**Citations:** N/A  
**DOI:** Nil
- Professional Ethics in Construction Industry of Pakistan** 2009  
*Nadeem Ehsan Muhammad Sohail Anwar Malik Muhammad Talha*  
*Proceedings of the World Congress on Engineering 2009 Vol I WCE 2009*, res.country(231,)  
**Citations:** N/A  
**DOI:** ISBN: 978-988-17012-5-1