

Muhammad Sabir

Professor
NUST Business School

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About

Dr. Muhammad Sabir is working as Professor in the NUST Business School. Dr. Muhammad Sabir has a PhD in Applied Economics. Dr. Muhammad Sabir has published 35 research articles & conference papers having a citation count of 481, carried out 3 projects and filed 0 intellectual property.

Qualifications

PhD in Applied Economics Free University Amsterdam , Pakistan	2006 - 2011
MS in Economics University of Karachi , Pakistan	2003 - 2004
Master in Economics University of Peshawar , Pakistan	2002 - 2003
BA in Economics, Statistics, Maths University of Peshawar , Pakistan	1998 - 2000
F.Sc in Pre Engineering BISE, Peshawar , Pakistan	1996 - 1998
Matric (SSC) in Science Group BISE, Peshawar , Pakistan	1996 - 1998

Experience

Professor NUST Business School	2023- Present
Professor NUST Business School	2023 - 2023
Associate Professor NUST Business School	2019 - 2023
HoD/Associate Professor Ghulam Ishaq Khan Institute (GIKI) of Engineering Sciences and Technology , Topi, Swabi, KP, Pakistan	2019 - 2019
HoD/Assistant Professor Ghulam Ishaq Khan Institute (GIKI) of Engineering Sciences and Technology , Topi, Swabi, KP, Pakistan	2015 - 2019
Assistant Professor Ghulam Ishaq Khan Institute (GIKI) Topi, Swabi, KP, Pakistan , Ghulam Ishaq Khan Institute (GIKI) Topi, Swabi, KP, Pakistan	2013 - 2015
Assistant Chief Planning Commission of Islamabad , Minsitry of Planning Development and Reforms, P-Block, Pakistan Secretariat, Islamabad	2011 - 2013
Research Officer Planning Commission of Islamabad , Minsitry of Planning Development and Reforms, P-Block, Pakistan Secretariat, Islamabad	2004 - 2006

Awards

HEC

Industry Projects

National Projects

Individual Consultant – Transport Expert (Clean and Green Energy) - Pakistan

2022

Client: Regional Integrated Multi-Hazard Early Warning System (RIMES) Thailand

Amount: PKR 2,362,500.00

Status: Approved_inprocess

Shifting of POL Products to Railways

2021

Client: Pakistan Railways

Amount: PKR 1,750,000.00

Status: Approved_inprocess

Career Orientation Test Development

2020

Client: Merafuture

Amount: PKR 1,200,000.00

Status: Completed

International Projects

Research Articles

Circular economy and its implementation in cement industry: A case point in Pakistan

2023

Azfar Uddin Yousaf Ali Muhammad Sabir Antonella Petrillo Fabio De Felice

Science of the Total Environment, Volume 898, Article Number: 165605

Impact Factor: 9.8 | **Quartile:** 1 | **Citations:** 11

DOI: 10.1016/j.scitotenv.2023.165605

Political protests and their impacts on interdependent infrastructure systems

2023

Yousaf Ali NEOMA Business School Muhammad Sabir

International Journal of Critical Infrastructures, Volume 19, Issue 3, Pages 211-230

Impact Factor: 0.500 | **Quartile:** 4

DOI: <https://doi.org/10.1504/IJCIS.2023.130931>

A Cost-Benefit Analysis of the Iran-Pakistan Gas Pipeline

2022

Yousaf Ali Daniyal Ullah Khan Muhammad Sabir Aadarsh Jaisinghani

Transnational Corporations Review, Pages 1-13

Impact Factor: N/A | **Citations:** 1

DOI: doi.org/10.1080/19186444.2022.2153576

Mode-Route Choice Decisions: A Case Study of CPEC Investment in Pakistan Railways

2022

Yousaf Ali Muhammad Sabir

Scientific Journal of Silesian University of Technology. Series Transport, Volume 115, Pages 5-21

Impact Factor: 0 | **Citations:** 1

DOI: <https://doi.org/10.20858/sjsutst.2022.115.1>

Improving inland freight logistic efficiencies: Is there any ideal modal spilt?

2022

Yousaf Ali Muhammad Sabir Abdullah Abubaker Hayder Saad Syed BaazAli

Case Studies on Transport Policy, Volume 10, Issue 2, Pages 777-784, June 2022,

Impact Factor: N/A | **Citations:** 3

DOI: <https://doi.org/10.1016/j.cstp.2022.02.005>

The choice between organic and inorganic farming: Lessons from Pakistan

2022

Muhammad Sabir Yousaf Ali Abdullah Amjad Ali Jehangir Khan Zia-ur-Rehman

Renewable Agriculture and Food Systems, Pages 1-8

Impact Factor: 2.657 | **Quartile:** 2 | **Citations:** 4

DOI: <https://doi.org/10.1017/S1742170522000072>

Risk assessment and mitigation for electric power sectors: A developing country's perspective

2022

Obaid ur Rehman Yousaf Ali Muhammad Sabir Afridi

International Journal of Critical Infrastructure Protection, Volume 36, Article Number 100507

Impact Factor: 2.865 | **Quartile:** 2 | **Citations:** 25

DOI: <https://doi.org/10.1016/j.ijcip.2021.100507>

Analysing role of businesses' investment in digital literacy: A case of Pakistan

2022

<p><i>Erum Irfan Yousaf Ali Muhammad Sabir Afridi</i> <i>Technological Forecasting and Social Change</i>, Volume 176, Article Number 121484</p> <p>Impact Factor: 8.593 Quartile: 1 Citations: 23 DOI: https://doi.org/10.1016/j.techfore.2022.121484</p>		
<p>Regional development through energy infrastructure: A comparison and optimization of Iran-Pakistan-India (IPI) & Turkmenistan- Afghanistan-Pakistan-India (TAPI) gas pipelines</p> <p><i>Manzoor Ahmad Muhammad Sabir Afridi Yousaf Ali Sajjad Ali Shah</i> <i>Operational Research in Engineering Sciences: Theory and Applications</i>, Volume 4(3), Pages 82-106</p> <p>Impact Factor: N/A Citations: 14 DOI: https://doi.org/10.31181/oresta091221082a</p>		2021
<p>Impacts of transport strike on Pakistan economy: An inoperability Input-Output model (IIOm) approach</p> <p><i>Muhammad Bilal Yousaf Ali Muhammad Sabir</i> <i>Research in Transportation Economics</i>, Volume 90, ID:100860, December 2021</p> <p>Impact Factor: 2.627 Quartile: 2 Citations: 8 DOI: 10.1016/j.retrec.2020.100860</p>		2021
<p>Urban Traffic Congestion Revisited: A Traveler's Perspective</p> <p><i>Muhammad Sabir Afridi Yousaf Ali</i> <i>Theoretical and Empirical Researches in Urban Management</i>, Volume 16, Issue 4, Pages 34-54</p> <p>Impact Factor: 0 DOI: https://www.jstor.org/stable/27076574</p>		2021
<p>Economic Viability of Foreign Investment in Public Transport of Pakistan – Orange Line Metro Train in Focus</p> <p><i>Yousaf Ali Abdul Rahman Shamsher Lala Muhammad Sabir</i> <i>Transnational Corporations Review</i>, Pages 1-13</p> <p>Impact Factor: - Citations: 2 DOI: https://doi.org/10.1080/19186444.2020.1851637</p>		2020
<p>Structural changes in carbon dioxide (CO₂) emissions in the United Kingdom (UK): an emission multiplier product matrix (EMPM) approach</p> <p><i>Yousaf Ali Rosita Pretaroli Muhammad Sabir Claudio Socci Francesca Severini</i> <i>Mitigation and Adaptation Strategies for Global Change</i>, Pages 1-20</p> <p>Impact Factor: 3.583 Quartile: 2 Citations: 11 DOI: https://doi.org/10.1007/s11027-020-09936-z</p>		2020
<p>Plants Species Selection for Afforestation: A Case Study of the Billion Tree Tsunami Project of Pakistan</p> <p><i>Muhammad Sabir Yousaf Ali Imran Khan Aneel Salman</i> <i>Journal of Sustainable Forestry</i>, Pages 1-14</p> <p>Impact Factor: 1.510 Quartile: 3 Citations: 20 DOI: https://doi.org/10.1080/10549811.2020.1830802</p>		2020
<p>Structural Decomposition Analysis to Investigate the Changes in Energy Consumption in Pakistan</p> <p><i>Yousaf Ali Sania Binte Saleem Muhammad Sabir</i> <i>Journal of Systems Science & Complexity</i>, Pages 1-19</p> <p>Impact Factor: 0.926 Quartile: 4 Citations: 5 DOI: https://doi.org/10.1007/s11424-020-8148-6</p>		2020
<p>Integration of green supply chain management practices in construction supply chain of CPEC</p> <p><i>Yousaf Ali Talal bin Saad Muhammad Sabir Noor Muhammad Aneel Salman Khaqan Zeb</i> <i>Management of Environmental Quality</i>, Volume 31, No. 1, Pages 185-200</p> <p>Impact Factor: - Citations: 69 DOI: https://doi.org/10.1108/MEQ-12-2018-0211</p>		2020
<p>A comparative input-output analysis of the construction sector in three developing economies of South Asia</p> <p><i>Yousaf Ali Noor Muhammad Yousaf Ali Muhammad Sabir Noor Muhammad</i> <i>Construction Management and Economics</i>, Volume 37, Issue 11, Pages 643-658</p> <p>Impact Factor: 0 Citations: 24 DOI: https://doi.org/10.1080/01446193.2019.1571214</p>		2019

Economic viability of foreign investment in railways: a case study of the China-Pakistan Economic Corridor (CPEC) <i>Muhammad Sabir Muhammad Bilal Mehnab Ali Arshad Ali Khan Yousaf Ali</i> <i>Engineering Economist</i> , Volume 65, Issue 2, Pages 158-175 Impact Factor: 0.972 Quartile: 4 Citations: 17 DOI: https://doi.org/10.1080/0013791X.2019.1668096	2019
Identifying the sources of structural changes in CO2 emissions in Italy <i>Yousaf Ali Maurizio Ciaschini Rosita Pretaroli Muhammad Sabir Claudio Socci</i> <i>Economia Politica</i> , Volume 36, Pages 509–526 Impact Factor: 0.453 Quartile: 4 Citations: 7 DOI: https://doi.org/10.1007/s40888-019-00150-y	2019
An empirical investigation of the determinants of CO2 emissions: evidence from Pakistan <i>Imran Khan Neloofar Khan Asim Yaqub Muhammad Sabir</i> <i>Environmental Science and Pollution Research</i> , Volume 26(9), Pages 9099–9112 Impact Factor: 3.056 Quartile: 2 Citations: 45 DOI: https://doi.org/10.1007/s11356-019-04342-8	2019
Refugees and host country nexus: A case study of Pakistan <i>Yousaf Ali Muhammad Sabir Noor Muhammad</i> <i>Journal of International Migration and Integration</i> , Volume 20, Pages 137–153 Impact Factor: - Citations: 13 DOI: https://doi.org/10.1007/s12134-018-0601-1	2019
A VIKOR based approach for assessing the social, environmental and economic effects of “smog” on human health <i>Yousaf Ali Muhammad Razi Fabio De Felice Muhammad Sabir Antonella Petrillo</i> <i>Science of the Total Environment</i> , Volume 650, Part 2, Pages 2897-2905 Impact Factor: 5.589 Quartile: 1 Citations: 56 DOI: https://doi.org/10.1016/j.scitotenv.2018.10.041	2019
Identification of factors influencing the rise of cesarean sections rates in Pakistan, using MCDM <i>Yousaf Ali Muhammad Waseem Khan UbaidUllah Mumtaz Aneel Salman Noor Muhammad Muhammad Sabir</i> <i>International Journal of Health Care Quality Assurance</i> , Volume 31, Issue 8, Pages 1058-1069 Impact Factor: - Citations: 13 DOI: https://doi.org/10.1108/IJHCQA-04-2018-0087	2018
Forecasting incidence of dengue and selecting best method for prevention <i>Muhammad Sabir Yousaf Ali Noor Muhammad</i> <i>The Journal of the Pakistan Medical Association</i> , Volume 68, Issue 9, Pages 1383-1386 Impact Factor: 0.642 Quartile: 4 DOI: https://jpma.org.pk/article-details/8857?article_id=8857	2018
Selection of suitable site in Pakistan for wind power plant installation using analytic hierarchy process (AHP) <i>Yousaf Ali Masab Butt Muhammad Sabir UbaidUllah Mumtaz Aneel Salman</i> <i>Journal of Control and Decision</i> , Volume 5, Issue 2, Pages 117-128 Impact Factor: - Citations: 54 DOI: https://doi.org/10.1080/23307706.2017.1346490	2018
Production planning of Pakistan Tobacco Company (PTC) using quantitative and multiple-criteria decision analysis - A case in-point <i>Salman Yousaf Yousaf Ali Muhammad Sabir Muhammad Tahir Masood</i> <i>Journal of Multi-Criteria Decision Analysis</i> , Volume 24, Issue 5-6, Pages 239-256 Impact Factor: - Citations: 9 DOI: https://doi.org/10.1002/mcda.1614	2017
Pedestrian injuries and fatalities by patterns in reported road traffic crashes-Islamabad <i>Yousaf Zia Muhammad Sabir Zia-ul-Islam Imran Ullah Saeed</i> <i>The Journal of the Pakistan Medical Association</i> , Volume 64, Issue 10, Pages 1162-1165 Impact Factor: 0.414 Quartile: 3 DOI: https://www.jpma.org.pk/article-details/7009?article_id=7009	2014
Weather to travel to the beach	2013

Muhammad Sabir Jos Van Ommeren Piet Rietveld
Transportation Research Part A: Policy and Practice, Volume 58, Pages 79-86
Impact Factor: 2.525 | **Quartile:** 1 | **Citations:** 12
DOI: <https://doi.org/10.1016/j.tra.2013.10.003>

Killing kilos in car accidents: Are external costs of car weight internalised? 2013
Jos Van Ommeren Piet Rietveld Jack Zagha Hop Muhammad Sabir
Economics of Transportation , Volume 2, Issues 2–3, Pages 86-93
Impact Factor: - | **Citations:** 11
DOI: <https://doi.org/10.1016/j.ecotra.2013.06.001>

Adverse Weather and Commuting Speed 2011
Muhammad Sabir Jos Van Ommeren Mark Koetse Piet Rietveld
Networks and Spatial Economics , Volume 11, Issue 4, Pages 701–712
Impact Factor: 0.940 | **Quartile:** 2 | **Citations:** 23
DOI: <https://doi.org/10.1007/s11067-010-9130-y>

Conference Proceedings

A Multi-Criteria Cost-Benefit Analysis to optimize the oil supply networks 2021
Muhammad Bilal Muhammad Yousaf Muhammad Sabir Antonella Petrillo Fabio De Felice
20th International Conference on Modelling and Applied Simulation, res.country(178,)
Citations: N/A
DOI: 10.46354/i3m.2021.mas.012

Women entrepreneurship in developing countries: Simulation-based Fuzzy Topsis approach 2020
Yousaf Ali Muhammad Sabir Zounash Khan Antonella Petrillo
19th International Conference on Modeling & Applied Simulation (MAS 2020), res.country(88,)
Citations: N/A
DOI: DOI: 10.46354/i3m.2020.mas.001

Book Chapters

Accelerating Economic Growth and Development in FATA through Transport and Communication Infrastructure 2021
Muhammad Sabir
In: Book on Religion, Economics, and Politics in FATA-KP: The Enduring Challenges of Merged Tribal Districts in Northwestern Pakistan Chapter 13, Pages 197-218
Citations: N/A
DOI: 10.3726/b14996

Assessing the Potential for Food Self-Sufficiency on Fragmented Farms in FATA 2021
Shahnaz Akhtar Sher Ayaz Muhammad Sabir
In: Book on Religion, Economics, and Politics in FATA-KP: The Enduring Challenges of Merged Tribal Districts in Northwestern Pakistan Chapter 12, Pages 179-195
Citations: N/A
DOI: 10.3726/b14996

Weather and travel time of public transport trips: An empirical study for the Netherlands 2010
Muhammad Sabir Jos van Ommeren Mark J. Kotese Piet Rietveld
In: Book on Integrated Transport: Policy and Practice, 1st Edition, Chapter 16, Pages 276-288
Citations: N/A
DOI: <https://doi.org/10.4324/9780203850886>

Editorial Activities

Natural Resources Forum Reviewed Papers for Journals Impact Factor: 3.3	2023
Natural Resources Forum Reviewed Papers for Journals Impact Factor: 3.3	2023
Natural Resources Forum Reviewed Papers for Journals Impact Factor: 2.732	2022