

Muhammad Wasif Zafar, Ph.D.

Assistant Professor,

FAST School of Management,

National University of Computer and Emerging Sciences (NUCES), Lahore, Pakistan

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ORCID: orcid.org/0000-0001-5790-3196

RESEARCH INTERESTS

Green Finance, Sustainability, Energy Economics, Capital Markets.

EMPLOYMENT

Assistant Professor

JAN 2025 – PRESENT

FAST School of Management, NUCES, Lahore, Pakistan

Assistant Professor

MAR 2022 – PRESENT

Riphah School of Business Management, Riphah International University, Lahore, Pakistan

Postdoc Fellow

Nov 2019 – Oct 2021

College of Management, Shenzhen University, China (AACSB, EMBA, Equis)

Lecturer

JAN 2014 – JUN 2021

Department of Management Sciences, COMSATS University Islamabad, Pakistan

EDUCATION

2015–2019 Ph.D. in MANAGEMENT SCIENCE AND ENGINEERING (Finance and Economics)

Beijing Institute of Technology, China

(QS ranked 302; AACSB, EMBA, Equis)

2010–2012 Master of Science in MANAGEMENT SCIENCE (Finance)

COMSATS University Islamabad, Pakistan

2005–2009 Bachelor of Commerce (Hons) in MSIT

The Islamia University of Bahawalpur, Pakistan

ACHIEVEMENTS

Top 2% Scientists Worldwide 2025 (Stanford University)

Associate Editor: *Environment, Development and Sustainability* (IF 4.7)

RESEARCH IMPACT SUMMARY

ORCID: orcid.org/0000-0001-5790-3196

Total IF: 470

h-index (2025): 39

i10-index (2025): 57

Citations (2025): 9,441

PUBLICATIONS

1. Unriddling the Environmental Implications of Energy Resources, Globalization, Biocapacity, and Open Trading: Does Human Capital Provoke a Change in Emerging 7?
Satrovic, Elma, Irfan Khan, Muhammad Wasif Zafar
Environmental Modeling & Assessment, 2025. SCI
[DOI](#)
2. Gold and cryptos in multi-asset portfolios: time-frequency dynamics.
Ramzan, Shahzad, Mian Muhammad Atif, Muhammad Wasif Zafar
Applied Economics Letters, 2025. SSCI
3. Does Financial Inclusion Enhance Energy Efficiency? Moderating Roles of Education and Foreign Direct Investment.
Tian, Guixian, Muhammad Wasif Zafar, Avik Sinha, Mehmet Akif Destek
Social Indicators Research, 2025. SSCI
4. Unveiling the synergy: How natural resources, energy prices and financial development drive the energy transition in N-11 countries.
Zhou, A., Zhang, X., Li, W., **Zafar, M.W.**
Review of Development Economics, 2025. SSCI
[DOI](#)
5. The Role of Audit Quality in Waste Management Behavior.
Saeed, A., **Zafar, M.W.**, Manita, R., Zahid, N.
International Review of Economics and Finance, 2024. SSCI
[DOI](#)
6. COP 28 Policy Perspectives: Achieving Environmental Sustainability through FDI, Technological Innovation Index, Trade Openness, Energy Consumption, and Economic Development in N-11 Emerging Economies.
Abbass, K., **Zafar, M.W.**, et al.
Journal of Environmental Management, 2024. SCI
[DOI](#)
7. Promoting Sustainability in Developing Countries: A Machine Learning-Based Approach...
Ahmad Khan, K., Anser, M.K., Pala, F., Barut, A., **Zafar, M.W.**
Gondwana Research, 2024. SCI
[DOI](#)
8. Achieving Ecological Sustainability in European Union: The Role of Fiscal Decentralization and Green Innovation.
Satrovic, E., **Zafar, M.W.**, Suntraruk, P.
Journal of Cleaner Production, 2024. SCI
[DOI](#)
9. Fostering Green Progress: The Dual Influence of Natural Resource Rent and Human Capital...
Jin, D., **Zafar, M.W.**
Natural Resources Forum, 2024. SSCI
[DOI](#)
10. Greening the Energy Future: Role of Energy Innovation as Policy Driver.
Sheng, J., Sinha, A., Mansoor, S., **Zafar, M.W.**
Natural Resources Forum, 2024. SSCI
[DOI](#)
11. Internalizing Negative Environmental Externalities through Environmental Technologies...
Zhu, S., Wasif, M., Usman, M., Kalugina, O.A.
Sustainable Energy Technologies and Assessments, 2024. SCI
[DOI](#)
12. Information Communication Technology, Globalization, and Energy Poverty...
Wang, C., Pan, X., Wang, D., **Zafar, M.W.**

13. **An Assessment of Energy Poverty in Sub-Saharan Africa...**
Wang, H., **Zafar, M.W.**, Abbas, S., Destek, M.A.
Economic Change and Restructuring, 2023. SSCI
[DOI](#)
14. **Capital Flow and Environmental Quality at Crossroads...**
Destek, M.A., Sinha, A., Ozsoy, F.N., **Zafar, M.W.**
Environmental Science and Pollution Research, 2023. SCI
[DOI](#)
15. **Sustainable Energy Policy, Socio-Economic Development...**
Jie, H., Khan, I., Alharthi, M., **Zafar, M.W.**, Saeed, A.
Utilities Policy, 2023. SSCI
[DOI](#)
16. **Do Oil and Natural Gas Prices Affect Carbon Efficiency...**
Liu, H., Pata, U.K., **Zafar, M.W.**, et al.
Resources Policy, 2023. SSCI
[DOI](#)
17. **The Path to Sustainable Environment: Do Environmental Taxes and Governance Matter?**
Liu, H., **Zafar, M.W.**, Sinha, A., Khan, I.
Sustainable Development, 2023. SSCI
[DOI](#)
18. **Articulating Natural Resource Abundance, Economic Complexity...**
Saud, S., Haseeb, A., **Zafar, M.W.**, Li, H.
Resources Policy, 2023. SSCI
[DOI](#)
19. **Impact of Globalisation, Remittances and Human Capital...**
Yameogo, C.E.W., Mushtaq, R., **Zafar, M.W.**, et al.
International Journal of Finance and Economics, 2023. SSCI
[DOI](#)
20. **The Transition to Clean Energy and the External Balance...**
Niu, X.Q., Dong, W., Niu, X.D., **Zafar, M.W.**
Gondwana Research, 2023. SCI
[DOI](#)
21. **Environmental Reverberations of Geopolitical Risk...**
Pata, U.K., Kartal, M.T., Liu, H., **Zafar, M.W.**
Environmental Research, 2023. SCI
22. **Impact of Energy Efficiency on CO₂ Emissions...**
Mehmood Mirza, F., Sinha, A., Khan, J.R., Kalugina, O.A., **Zafar, M.W.**
Gondwana Research, 2022. SCI
[DOI](#)
23. **Global Perspectives on Environmental Kuznets Curve...**
Anwar, M.A., Shahbaz, M., Zhou, R., **Zafar, M.W.**
Gondwana Research, 2022. SCI
[DOI](#)
24. **A Novel Temporal-Spatial Decomposition on Drivers of China's Carbon Emissions.**
Qin, Q., Yan, H., Li, B., Lv, W., **Zafar, M.W.**
Gondwana Research, 2022. SCI
[DOI](#)
25. **Environmental Impact of Information and Communication Technology...**
Zhang, C., Khan, I., Dagar, V., Saeed, A., **Zafar, M.W.**

26. **Assessing Environmental Quality through Natural Resources...**
Zhang, Y., Khan, I., **Zafar, M.W.**
Environmental Science and Pollution Research, 2022. **SCI**
[DOI](#)
27. **ICT and Education as Determinants of Environmental Quality...**
Zafar, M.W., Zaidi, S.A.H., Mansoor, S., Sinha, A., Qin, Q.
Technological Forecasting & Social Change, 2022. **SSCI**
[DOI](#)
28. **Environmental Sustainability in Developing Countries...**
Zhao, F., Zhang, Y., Alharthi, M., **Zafar, M.W.**
Sustainable Development, 2022. **SSCI**
[DOI](#)
29. **The Impact of Digital Finance on the Natural Resource Market...**
Cevik, E.I., Gunay, S., **Zafar, M.W.**, et al.
Resources Policy, 2022. **SSCI**
[DOI](#)
30. **A Non-Linear Analysis of the Impacts of Natural Resources...**
Liu, H., Alharthi, M., Atil, A., Wasif, M., Khan, I.
Resources Policy, 2022. **SSCI**
[DOI](#)
31. **Analyzing Global Inequality in Access to Energy...**
Sinha, A., Balsalobre-Lorente, D., Wasif, M., Mansoor, M.
Journal of Environmental Management, 2022. **SCI**
[DOI](#)
32. **Understanding the Role of Technology in Asian Economies...**
Liu, H., Alharthi, M., **Zafar, M.W.**, et al.
Evaluation Review, 2022. **SSCI**
[DOI](#)
33. **Impact of Governance and Globalization on Natural Resources Volatility...**
Liu, H., Al-faryan, M.A.S., Khan, I., Wasif, M.
Resources Policy, 2022. **SSCI**
[DOI](#)
34. **Moving toward Sustainable Development of Sub-Saharan African Countries...**
Liu, H., Sinha, A., Destek, M.A., Alharthi, M., **Zafar, M.W.**
Sustainable Development, 2022. **SSCI**
[DOI](#)
35. **Audit Quality and Corporate Trade Credit...**
Saeed, A., Munir, Z., **Zafar, M.W.**
International Journal of Emerging Markets, 2022. **SSCI**
[DOI](#)
36. **Determinants of CO₂ Emissions in the BRICS Economies...**
Caglar, A.E., **Zafar, M.W.**, Bekun, F.V., Mert, M.
Sustainable Energy Technologies and Assessments, 2022. **SCI**
[DOI](#)
37. **Effects of Biomass Energy Consumption on Environmental Quality...**
Zafar, M.W., Sinha, A., Ahmed, Z., Qin, Q., Zaidi, S.A.H.
Renewable and Sustainable Energy Reviews, 2021. **SCI**
[DOI](#)

38. **The Linkages among Natural Resources, Renewable Energy...**
Zafar, M.W., Saeed, A., Zaidi, S.A.H., Waheed, A.
Sustainable Development, 2021. **SSCI**
[DOI](#)
39. **A Controversy on the Three Fundamental Growth Determinants...**
Yun, H., Shah, L., Haseeb, A., **Zafar, M.W.**, Chen, S.
Environmental Science and Pollution Research, 2021. **SCI**
40. **Analyzing the Determinants of Clean Energy Consumption...**
Usman, M., Ma, Z., **Zafar, M.W.**, Waheed, A., Li, M.
Environmental Science and Pollution Research, 2021. **SCI**
[DOI](#)
41. **The Dynamic Linkage between Remittances, Export Diversification...**
Zafar, M.W., Saleem, M.M., Destek, M.A., Caglar, A.E.
Sustainable Development, 2021. **SSCI**
[DOI](#)
42. **Linking Urbanization, Human Capital, and the Ecological Footprint...**
Ahmed, Z., Wasif, M., Ali, S.
Sustainable Cities and Society, 2020. **SCI**
[DOI](#)
43. **Analyzing the Association between Innovation, Economic Growth...**
Zameer, H., Yasmeen, H., **Zafar, M.W.**, Waheed, A., Sinha, A.
Environmental Science and Pollution Research, 2020. **SCI**
[DOI](#)
44. **Analyzing the Linkage between Military Spending...**
Ahmed, Z., **Zafar, M.W.**, Mansoor, S.
Environmental Science and Pollution Research, 2020. **SCI**
[DOI](#)
45. **Determinants of the Ecological Footprint in Thailand...**
Kongbuamai, N., **Zafar, M.W.**, Zaidi, S.A.H., Liu, Y.
Environmental Science and Pollution Research, 2020. **SCI**
[DOI](#)
46. **Impact of Green Manufacturing on Consumer Ecological Behavior...**
Waheed, A., Zhang, Q., Rashid, Y., Tahir, M.S., **Zafar, M.W.**
Sustainable Development, 2020. **SSCI**
[DOI](#)
47. **Foreign Direct Investment and Education as Determinants...**
Zafar, M.W., Qin, Q., Malik, M.N., Zaidi, S.A.H.
Journal of Environmental Management, 2020. **SCI**
[DOI](#)
48. **Effects of Diversified Openness Channels...**
Wei, Z., Han, B., Pan, X., Shahbaz, M., **Zafar, M.W.**
Energy Economics, 2020. **SSCI**
[DOI](#)
49. **How Renewable Energy Consumption Contribute to Environmental Quality...**
Zafar, M.W., Shahbaz, M., Sinha, A., Sengupta, T., Qin, Q.
Journal of Cleaner Production, 2020. **SCI**
[DOI](#)
50. **Identification and Analysis of Driving Factors of CO₂ Emissions...**
Akram, Z., Engo, J., Akram, U., **Zafar, M.W.**
Environmental Science and Pollution Research, 2019. **SCI**
[DOI](#)

51. **The Impact of Natural Resources, Human Capital...**
Zafar, M.W., Zaidi, S.A.H., Khan, N.R., et al.
Resources Policy, 2019. **SSCI**
[DOI](#)
52. **The Impact of Globalization, Natural Resources Abundance...**
Zaidi, S.A.H., Wei, Z., Gedikli, A., Zafar, M.W., et al.
Resources Policy, 2019. **SSCI**
[DOI](#)
53. **Dynamic Linkages between Globalization, Financial Development...**
Zaidi, S.A.H., Zafar, M.W., Shahbaz, M., Hou, F.
Journal of Cleaner Production, 2019. **SCI**
[DOI](#)
54. **Investigation of Energy Consumption–Economic Growth Nexus...**
Erdogan, S., Gedikli, A., Yilmaz, A.D., Haider, A., Zafar, M.W.
Energy Reports, 2019. **SCI**
[DOI](#)
55. **Are Air Pollution, Economic and Non-Economic Factors...**
Usman, M., Ma, Z., Zafar, M.W., Haseeb, A., Ashraf, R.U.
International Journal of Environmental Research and Public Health, 2019. **SCI**
[DOI](#)
56. **From Nonrenewable to Renewable Energy and Its Impact...**
Zafar, M.W., Shahbaz, M., Hou, F., Sinha, A.
Journal of Cleaner Production, 2019. **SCI**
57. **The Role of Stock Market and Banking Sector Development...**
Zafar, M.W., Zaidi, S.A.H., Sinha, A., Gedikli, A., Hou, F.
Resources Policy, 2019. **SSCI**
[DOI](#)
58. **The Nexus of Renewable and Nonrenewable Energy...**
Zafar, M.W., Mirza, F.M., Zaidi, S.A.H., Hou, F.
Environmental Science and Pollution Research, 2019. **SCI**
59. **Determinants of Carbon Emissions in Pakistan's Transport Sector.**
Rasool, Y., Zaidi, S.A.H., Zafar, M.W.
Environmental Science and Pollution Research, 2019. **SCI**
60. **Uncovering the Driving Forces of Carbon Dioxide Emissions...**
Shi, Y., Han, B., Zafar, M.W., Wei, Z.
Environmental Science and Pollution Research, 2019. **SCI**
61. **From Nonrenewable to Renewable Energy...**
Zafar, M.W., Shahbaz, M., Hou, F., Sinha, A.
Journal of Cleaner Production, 2018. **SSCI/SCI**
[DOI](#)
62. **A Novel Method for Multiattribute Decision Making...**
Du, Y., Hou, F., Zafar, W., Yu, Q., Zhai, Y.
International Journal of Intelligent Systems, 2017.
[DOI](#)

ACADEMIC RESPONSIBILITIES

- Graduate Research Incharge
- Graduate Exam Superintendent
- Academic Batch Advisor – BBA

- Program Coordinator – B.Com (Hons)
- Member, Department Admission Committee

DATA ANALYSIS SKILLS

Expert: SAS, STATA, EViews, GAUSS, R

LANGUAGES

Fluent in English, Punjabi, Urdu (native); excellent writing, speaking, presenting, listening in English.

PERSONAL DETAILS

Gender: Male
Nationality: Pakistani
Date of Birth: 20 February 1988