

# 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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Lahore, Punjab, Pakistan EMAIL: [wasif.zafar6@yahoo.com](mailto:wasif.zafar6@yahoo.com)  
ORCID: [orcid.org/0000-0001-5790-3196](https://orcid.org/0000-0001-5790-3196)

## RESEARCH INTERESTS

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Green Finance, Sustainability, Energy Economics, Capital Markets.

## EMPLOYMENT

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<b>Assistant Professor</b> FAST School of Management, NUCES, Lahore, Pakistan	JAN 2025 – PRESENT
<b>Assistant Professor</b> Riphah School of Business Management, Riphah International University, Lahore, Pakistan	MAR 2022 – PRESENT
<b>Postdoc Fellow</b> College of Management, Shenzhen University, China (AACSB, EMBA, Equis)	NOV 2019 – OCT 2021
<b>Lecturer</b> Department of Management Sciences, COMSATS University Islamabad, Pakistan	JAN 2014 – JUN 2021

## EDUCATION

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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

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**Top 2% Scientists Worldwide 2025** (Stanford University)

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

## RESEARCH IMPACT SUMMARY

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**ORCID:** [orcid.org/0000-0001-5790-3196](https://orcid.org/0000-0001-5790-3196)  
**Total IF:** 470  
**h-index (2025):** 39  
**i10-index (2025):** 57  
**Citations (2025):** 9,441

## PUBLICATIONS

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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.**

*Sustainable Development*, 2024. **SSCI**

[DOI](#)

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, 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.**

*Technological Forecasting & Social Change*, 2022. **SSCI**  
[DOI](#)

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...**  
Erdoğan, 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

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

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

## DATA ANALYSIS SKILLS

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**Expert:** SAS, STATA, EViews, GAUSS, R

## LANGUAGES

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

## PERSONAL DETAILS

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