



Dr. Tomiwa Sunday Adebayo

Energy Economist & Data Analyst

Introduction

I am a dynamic and resourceful educator with a wealth of teaching experience across both higher education and further education settings. My passion lies in making a profound impact on students' lives by employing differentiated teaching approaches to deliver top-tier learning experiences. I bring to the table strong communication skills and a knack for building collaborative teams, all geared towards providing students with the support they need while fostering a positive learning environment. What matters most to me is student engagement and empowering them to construct their own knowledge through real-world experiences and case studies. My expertise spans a wide array of subjects, including financial management, monetary policy, econometrics, energy economics, microeconomics, macroeconomics, and various management modules/units. I am actively seeking additional teaching opportunities to further enrich my teaching experiences. In addition to my teaching prowess, I am proficient in various IT tools, including Eviews, R-studio, MATLAB, STATA, Microsoft Office, and Excel.

Personal Data

Place of Birth:	-	Agege
Date of Birth:	-	11 rd October, 1987

Sex: - Male
 Contact Address: - Operational Health Research
 Near East University
 Cyprus, Turkey
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Research Links

SCOPUS ID: - 57218099170
<https://www.scopus.com/authid/detail.uri?authorId=57218099170>
 Web of Science ID: - HCH-3612-2022
 IDEAS/ RePEc - <https://ideas.repec.org/top/top.young.html>
 ORCID: - <https://orcid.org/0000-0003-0094-1778>
 Google Scholar: - <https://scholar.google.com/citations?user=4OZxt5YAAAAJ&hl=en&oi=sr>

Educational Institutions Attended with Dates

□ Cyprus International University, North-Cyprus	-	2019-2023
□ Girne American University	-	2018-2019
□ European University of Lefke, North-Cyprus	-	2016-2017
□ Ladoke Akintola University of Technology, Nigeria	-	2007-2012
□ Royal Comprehensive College, Lagos, Nigeria	-	1999-2005
□ Divine Favor Primary School, Lagos, Nigeria	-	1993-1999

Academic Qualifications Obtained with Dates

❖ Doctor of Philosophy (PhD) Degree in Business Administration (Completed Coursework with Distinction)	-	2023
❖ Master of Science (MSc) Degree in Economics	-	2019
❖ Master of Art (M.A.) Degree in International Economics and Finance	-	2017
❖ Bachelor of Technology (B.Tech) Accounting and Management	-	2012
❖ Certificate in Computer Operations	-	2014
❖ Senior School Certificate Examination (SSCE)	-	2005
❖ First School Leaving Certificate (FSLC)	-	1999

Areas of Specialization and Research Interest

- ❖ Energy Economics
- ❖ Renewable Energy
- ❖ Energy Policy
- ❖ Environmental Modelling
- ❖ Environment and Climate Change
- ❖ Resource Economics
- ❖ Linear and Nonlinear Time-Series Econometrics
- ❖ Structural Change and Time Varying Modelling
- ❖ Panel Data Econometrics
- ❖ International Economics

Personal Profile

- ❖ Striving for new ideals and result oriented
- ❖ Good oral and written communication skills
- ❖ Ability to express technical information in a creative and simple manners
- ❖ Well-developed observation, analysis and assessment
- ❖ Simple manner skilled in listening, explaining and consulting
- ❖ Highly motivated, adaptable, organized and perceptive and;
- ❖ Good understand of the importance of purpose for, and methods involve in adding value to people

Work Experience

Position held and date	Assistant Professor (January 2025-Till Date)
Name and address of employe	Near East University
Status	Full Time
Position held and date	Associate Professor (September 2024-Till Date)

Name and address of employee	University of Economics and Human Sciences, Warsaw, Poland
Status	Part Time
Position held and date	Assistant Professor (September 2023-January 2025)
Name and address of employee	Cyprus International University
Status	Full Time
Position held and date	Associate Editor (August 2023-May 2025)
Name and address of employee	International Journal of Sustainable Development & World Ecology (Impact Factor-5.6; Q1; SSCI)
Status	Full Time
Position held and date	Lebanese American University, Lebanon
Name and address of employee	Research Fellow (May 2023-September 2024)
Status	Part Time
Position held and date	Research Fellow (May 2023-December 2023)
Name and address of employee	New Uzbekistan University, Uzbekistan
Status	Part Time
Position held and date	Research Fellow (May 2021-December 2022)
Name and address of employee	Tashkent State University of Economics, Uzbekistan
Status	Part Time

Course Taught

1. Department of Economics, Cyprus International University, North Cyprus, Turkey:
Designation: Senior Instructor - 8th Aug, 2021 – 4th June 2023

Course Taught at Undergraduate Level

- ☐ Introduction to Microeconomics (Econ 101)
- ☐ Introduction to macroeconomics (Econ 102)

2. Department of Business Administration, Cyprus International University, North Cyprus, Turkey
Designation: Senior Instructor - 5th August, 2023 – Till Date

Course Taught at Graduate Level

- ☐ Monetary and Financial Theory (Econ 509)
- ☐ Research Methods (BUS 515)
- ☐ Advance Business Statistics (STAT461)

Description of Research Activities and Key Achievements

My research focuses on financial economics, energy and environmental economics, and renewable energy, with a particular emphasis on sustainable development, climate change mitigation, environmental sustainability, and financial globalization. I also specialize in advanced

time-series and panel data econometrics. The primary goal of my work is to formulate precise and innovative approaches for addressing pressing challenges in environmental sustainability, particularly by examining relationships across quantiles and time-frequency domains.

My work has been published in top-tier journals such as *Energy Economics*, *Science of the Total Environment*, *Energy and Environment*, *Sustainable Development*, *Journal of Cleaner Production*, *Journal of Inequality*, *SAGE Open*, and *Technology in Society*. These contributions highlight the recognition and impact of my research within the global scientific community.

One of my most significant achievements is the development of a new methodological framework termed “Multi-Frequency Quantile Techniques”, which I am currently applying in my study on The Response of Sectoral Emissions to Climate and Economic Policy Uncertainties. This innovative approach provides insights into relationships across all quantiles and time-frequency domains, advancing the tools available for analyzing complex environmental and economic systems.

My research trajectory involves employing recent and novel econometric techniques to address critical issues in environmental sustainability, with a strong focus on integrating advanced quantile-based methods and time-frequency analysis. By leveraging these innovative approaches, I aim to contribute to the formulation of actionable strategies for mitigating climate change and promoting sustainable development.

I have been recognized as one of the world’s top 2% researchers by Stanford University for three consecutive years (2022, 2023, and 2024). Additionally, I was ranked as the 2nd overall top scholar in Turkey according to the ABDC Journal Quality List 2023 Ranking, and I am proud to be among the Top 77 Young Economists globally.

My research not only advances the understanding of complex economic-environmental interactions but also provides actionable insights for policy-making, climate change mitigation, and sustainable development practices. The methodologies and findings from my work have broad implications for shaping effective policies in energy and environmental management, improving sectoral emissions strategies, and supporting global sustainability goals.

I actively collaborate with leading institutions (Near East University; New Uzbekistan University; Lebanon American University; Cyprus International University) and research teams, enabling an interdisciplinary approach to addressing global challenges. These collaborations have resulted in joint publications and significant advancements in the understanding of economic and environmental systems.

Publications in SSCI/SCIE/SCI database

- 2019 Adebayo, T. S., Akadiri, S. S., Riti, J. S., & Tony Odu, A. (2019). Interaction among geopolitical risk, trade openness, economic growth, carbon emissions and Its implication on climate change in india. **Energy & Environment**, 0958305X221083236. **SSCI**.
<https://doi.org/10.1177/0958305X221083236>
- 2020 Adebayo, T. S., & Beton Kalmaz, D. (2020). Ongoing debate between foreign aid and economic growth in Nigeria: a wavelet analysis. **Social Science Quarterly**, 101(5), 2032-2051. **SSCI**.
<https://doi.org/10.1111/ssqu.12841>
- 2021 Adebayo, T. S., & Kirikkaleli, D. (2021). Impact of renewable energy consumption, globalization, and technological innovation on environmental degradation in Japan: application of wavelet

- tools. *Environment, Development and Sustainability*, 23(11), 16057-16082. SCIE. <https://doi.org/10.1007/s10668-021-01322-2>
- 2021 Adebayo, T. S. (2021). Do CO₂ emissions, energy consumption and globalization promote economic growth? Empirical evidence from Japan. *Environmental Science and Pollution Research*, 28(26), 34714-34729. SCIE. <https://doi.org/10.1007/s11356-021-12495-8>
- 2021 Dingru, L., Ramzan, M., Irfan, M., Guelmez, O., Isik, H., Adebayo, T. S., & Husam, R. (2021). The role of renewable energy consumption towards carbon neutrality in BRICS nations: does globalization matter?. *Frontiers in Environmental Science*, 569. SCIE. <https://doi.org/10.3389/fenvs.2021.796083>
- 2021 Wang, K. H., Liu, L., Adebayo, T. S., Lobont, O. R., & Claudia, M. N. (2021). Fiscal decentralization, political stability and resources curse hypothesis: a case of fiscal decentralized economies. *Resources Policy*, 72, 102071. SCIE. <https://doi.org/10.1016/j.resourpol.2021.102071>
- 2021 Kirikkaleli, D., & Adebayo, T. S. (2021). Do renewable energy consumption and financial development matter for environmental sustainability? New global evidence. *Sustainable Development*, 29(4), 583-594. SSCI. <https://doi.org/10.1002/sd.2159>
- 2021 Yuping, L., Ramzan, M., Xincheng, L., Murshed, M., Awosusi, A. A., BAH, S. I., & Adebayo, T. S. (2021). Determinants of carbon emissions in Argentina: The roles of renewable energy consumption and globalization. *Energy Reports*, 7, 4747-4760. SSCI. <https://doi.org/10.1016/j.egyr.2021.07.065>
- 2021 Kirikkaleli, D., Adebayo, T. S., Khan, Z., & Ali, S. (2021). Does globalization matter for ecological footprint in Turkey? Evidence from dual adjustment approach. *Environmental Science and Pollution Research*, 28(11), 14009-14017. SCIE. <https://doi.org/10.1007/s11356-020-11654-7>
- Athari, S. A., Kirikkaleli, D., Wada, I., & Adebayo, T. S. (2021). Examining the sectoral credit-growth nexus in Australia: a time and frequency dynamic analysis. *Econ Comput Econ Cybern Stud Res*, 55(4), 69-84. SSCI.
- 2021 Kirikkaleli, D., & Adebayo, T. S. (2021). Do public-private partnerships in energy and renewable energy consumption matter for consumption-based carbon dioxide emissions in India?. *Environmental Science and Pollution Research*, 28(23), 30139-30152. SCIE. <https://doi.org/10.1007/s11356-021-12692-5>
- 2021 Kihombo, S., Ahmed, Z., Chen, S., Adebayo, T. S., & Kirikkaleli, D. (2021). Linking financial development, economic growth, and ecological footprint: what is the role of technological innovation?. *Environmental Science and Pollution Research*, 28(43), 61235-61245. SCIE. <https://doi.org/10.1007/s11356-021-14993-1>
- 2021 Shan, S., Ahmad, M., Tan, Z., Adebayo, T. S., Li, R. Y. M., & Kirikkaleli, D. (2021). The role of energy prices and non-linear fiscal decentralization in limiting carbon emissions: Tracking environmental sustainability. *Energy*, 234, 121243. SCIE. <https://doi.org/10.1016/j.energy.2021.121243>
- 2021 Zhang, L., Li, Z., Kirikkaleli, D., Adebayo, T. S., Adeshola, I., & Akinsola, G. D. (2021). Modeling CO₂ emissions in Malaysia: an application of Maki cointegration and wavelet coherence tests. *Environmental Science and Pollution Research*, 28(20), 26030-26044. SCIE. <https://doi.org/10.1007/s11356-021-12430-x>
- 2021 Adebayo, T. S., & Beton Kalmaz, D. (2021). Determinants of CO₂ emissions: empirical evidence from Egypt. *Environmental and Ecological Statistics*, 28, 239-262. SCI. <https://doi.org/10.1007/s10651-020-00482-0>
- 2021 Adebayo, T. S., Awosusi, A. A., Kirikkaleli, D., Akinsola, G. D., & Mwamba, M. N. (2021). Can CO₂ emissions and energy consumption determine the economic performance of South Korea? A

- time series analysis. *Environmental Science and Pollution Research*, 28(29), 38969-38984. SCIE. <https://doi.org/10.1007/s11356-021-13498-1>
- 2021 Adebayo, T. S., Akinsola, G. D., Bekun, F. V., Osemeahon, O. S., & Sarkodie, S. A. (2021). Mitigating human-induced emissions in Argentina: role of renewables, income, globalization, and financial development. *Environmental Science and Pollution Research*, 28(47), 67764-67778. SCIE
- 2021 Soyulu, Ö. B., Adebayo, T. S., & Kirikkaleli, D. (2021). The imperativeness of environmental quality in China amidst renewable energy consumption and trade openness. *Sustainability*, 13(9), 5054. SSCI. <https://doi.org/10.3390/su13095054>
- 2021 Su, Z. W., Umar, M., Kirikkaleli, D., & Adebayo, T. S. (2021). Role of political risk to achieve carbon neutrality: Evidence from Brazil. *Journal of Environmental Management*, 298, 113463. SSCI. <https://doi.org/10.1016/j.jenvman.2021.113463>
- 2021 Fareed, Z., Salem, S., Adebayo, T. S., Pata, U. K., & Shahzad, F. (2021). Role of export diversification and renewable energy on the load capacity factor in Indonesia: A Fourier quantile causality approach. *Frontiers in Environmental Science*, 434. SCIE. <https://doi.org/10.3389/fenvs.2021.770152>
- 2021 Agyekum, E. B., Kumar, N. M., Mehmood, U., Panjwani, M. K., Alhelou, H. H., Adebayo, T. S., & Al-Hinai, A. (2021). Decarbonize Russia—A Best–Worst Method approach for assessing the renewable energy potentials, opportunities and challenges. *Energy Reports*, 7, 4498-4515. SCIE. <https://doi.org/10.1016/j.egyr.2021.07.039>
- 2021 Agyekum, E. B., PraveenKumar, S., Alwan, N. T., Velkin, V. I., & Adebayo, T. S. (2021). Experimental study on performance enhancement of a photovoltaic module using a combination of phase change material and aluminum fins—exergy, energy and economic (3E) analysis. *Inventions*, 6(4), 69. SSCI. <https://doi.org/10.3390/inventions6040069>
- 2021 Adebayo, T. S., Ramzan, M., Iqbal, H. A., Awosusi, A. A., & Akinsola, G. D. (2021). The environmental sustainability effects of financial development and urbanization in Latin American countries. *Environmental Science and Pollution Research*, 28(41), 57983-57996. SCIE. <https://doi.org/10.1007/s11356-021-14580-4>
- 2021 Adebayo, T. S., Akinsola, G. D., Bekun, F. V., Osemeahon, O. S., & Sarkodie, S. A. (2021). Mitigating human-induced emissions in Argentina: role of renewables, income, globalization, and financial development. *Environmental Science and Pollution Research*, 28(47), 67764-67778. SCIE. <https://doi.org/10.1007/s11356-021-14830-5>
- 2021 Adebayo, T. S., Udemba, E. N., Ahmed, Z., & Kirikkaleli, D. (2021). Determinants of consumption-based carbon emissions in Chile: an application of non-linear ARDL. *Environmental Science and Pollution Research*, 28(32), 43908-43922. SCIE. <https://doi.org/10.1007/s11356-021-13830-9>
- 2022 Adebayo, T. S., Rjoub, H., Akinsola, G. D., & Oladipupo, S. D. (2022). The asymmetric effects of renewable energy consumption and trade openness on carbon emissions in Sweden: new evidence from quantile-on-quantile regression approach. *Environmental Science and Pollution Research*, 29(2), 1875-1886. SCIE. <https://doi.org/10.1007/s11356-021-15706-4>
- 2022 Xu, Y., Umar, M., Kirikkaleli, D., Adebayo, T. S., & Altuntaş, M. (2022). Carbon neutrality target in Turkey: measuring the impact of technological innovation and structural change. *Gondwana Research*, 109, 429-441. SCIE. <https://doi.org/10.1016/j.gr.2022.04.015>
- 2022 Kirikkaleli, D., Güngör, H., & Adebayo, T. S. (2022). Consumption-based carbon emissions, renewable energy consumption, financial development and economic growth in Chile. *Business Strategy and the Environment*, 31(3), 1123-1137. SCIE. <https://doi.org/10.1002/bse.2945>
- 2022 Adebayo, T. S., Oladipupo, S. D., Adeshola, I., & Rjoub, H. (2022). Wavelet analysis of impact of renewable energy consumption and technological innovation on CO2 emissions: evidence from

- Portugal. *Environmental Science and Pollution Research*, 29(16), 23887-23904. SCIE. <https://doi.org/10.1007/s11356-021-17708-8>
- 2022 Miao, Y., Razzaq, A., Adebayo, T. S., & Awosusi, A. A. (2022). Do renewable energy consumption and financial globalisation contribute to ecological sustainability in newly industrialized countries?. *Renewable Energy*, 187, 688-697. SCIE. <https://doi.org/10.1016/j.renene.2022.01.073>
- 2022 Alola, A. A., Adebayo, T. S., & Onifade, S. T. (2022). Examining the dynamics of ecological footprint in China with spectral Granger causality and quantile-on-quantile approaches. *International Journal of Sustainable Development & World Ecology*, 29(3), 263-276. SSCI. <https://doi.org/10.1080/13504509.2021.1990158>
- 2022 Awosusi, A. A., Adebayo, T. S., Altuntaş, M., Agyekum, E. B., Zawbaa, H. M., & Kamel, S. (2022). The dynamic impact of biomass and natural resources on ecological footprint in BRICS economies: a quantile regression evidence. *Energy Reports*, 8, 1979-1994. SCIE. <https://doi.org/10.1016/j.egy.2022.01.022>
- 2022 Tufail, M., Song, L., Adebayo, T. S., Kirikkaleli, D., & Khan, S. (2021). Do fiscal decentralization and natural resources rent curb carbon emissions? Evidence from developed countries. *Environmental Science and Pollution Research*, 28(35), 49179-49190. SCIE. <https://doi.org/10.1007/s11356-021-13865-y>
- 2022 Adebayo, T. S. (2022). Environmental consequences of fossil fuel in Spain amidst renewable energy consumption: a new insights from the wavelet-based Granger causality approach. *International Journal of Sustainable Development & World Ecology*, 29(7), 579-592. SSCI. <https://doi.org/10.1080/13504509.2022.2054877>
- 2022 Adebayo, T. S., & Odugbesan, J. A. (2021). Modeling CO2 emissions in South Africa: empirical evidence from ARDL based bounds and wavelet coherence techniques. *Environmental Science and Pollution Research*, 28(8), 9377-9389. SCIE. <https://doi.org/10.1007/s11356-020-11442-3>
- 2022 Fareed, Z., Rehman, M. A., Adebayo, T. S., Wang, Y., Ahmad, M., & Shahzad, F. (2022). Financial inclusion and the environmental deterioration in Eurozone: the moderating role of innovation activity. *Technology in Society*, 69, 101961. SSCI. <https://doi.org/10.1016/j.techsoc.2022.101961>
- 2022 Kihombo, S., Vaseer, A. I., Ahmed, Z., Chen, S., Kirikkaleli, D., & Adebayo, T. S. (2022). Is there a tradeoff between financial globalization, economic growth, and environmental sustainability? An advanced panel analysis. *Environmental Science and Pollution Research*, 29, 3983-3993. SCIE. <https://doi.org/10.1007/s11356-021-15878-z>
- 2022 Awosusi, A. A., Adebayo, T. S., Kirikkaleli, D., & Altuntaş, M. (2022). Role of technological innovation and globalization in BRICS economies: policy towards environmental sustainability. *International Journal of Sustainable Development & World Ecology*, 29(7), 593-610. SSCI. <https://doi.org/10.1080/13504509.2022.2059032>
- 2022 Adebayo, T. S., Akinsola, G. D., Kirikkaleli, D., Bekun, F. V., Umarbeyli, S., & Osemeahon, O. S. (2021). Economic performance of Indonesia amidst CO2 emissions and agriculture: a time series analysis. *Environmental Science and Pollution Research*, 28(35), 47942-47956. SCIE. <https://doi.org/10.1007/s11356-021-13992-6>
- 2022 Adebayo, T. S., & Acheampong, A. O. (2022). Modelling the globalization-CO2 emission nexus in Australia: evidence from quantile-on-quantile approach. *Environmental Science and Pollution Research*, 29(7), 9867-9882. SCIE. <https://doi.org/10.1007/s11356-021-16368-y>
- 2022 Akadiri, S. S., & Adebayo, T. S. (2022). Asymmetric nexus among financial globalization, non-renewable energy, renewable energy use, economic growth, and carbon emissions: impact on environmental sustainability targets in India. *Environmental Science and Pollution Research*, 29(11), 16311-16323. SCIE. <https://doi.org/10.1007/s11356-021-16849-0>

- 2022 Adebayo, T. S., & Rjoub, H. (2021). A new perspective into the impact of renewable and nonrenewable energy consumption on environmental degradation in Argentina: a time–frequency analysis. **Environmental Science and Pollution Research**, 1-17. SCIE. <https://doi.org/10.1007/s11356-021-16897-6>
- 2022 Adebayo, T. S. (2022). Renewable energy consumption and environmental sustainability in Canada: does political stability make a difference?. **Environmental Science and Pollution Research**, 29(40), 61307-61322. SCIE. <https://doi.org/10.1007/s11356-022-20008-4>
- 2022 Adebayo, T. S., Akadiri, S. S., Adedapo, A. T., & Usman, N. (2022). Does interaction between technological innovation and natural resource rent impact environmental degradation in newly industrialized countries? New evidence from method of moments quantile regression. **Environmental Science and Pollution Research**, 29(2), 3162-3169. SCIE. <https://doi.org/10.1007/s11356-021-17631-y>
- 2022 Adebayo, T. S., Rjoub, H., Akadiri, S. S., Oladipupo, S. D., Sharif, A., & Adeshola, I. (2022). The role of economic complexity in the environmental Kuznets curve of MINT economies: evidence from method of moments quantile regression. **Environmental Science and Pollution Research**, 29(16), 24248-24260. SCIE. <https://doi.org/10.1007/s11356-021-17524-0>
- 2022 Adebayo, T. S., Onifade, S. T., Alola, A. A., & Muoneke, O. B. (2022). Does it take international integration of natural resources to ascend the ladder of environmental quality in the newly industrialized countries?. **Resources Policy**, 76, 102616. SCIE. <https://doi.org/10.1016/j.resourpol.2022.102616>
- 2022 Akadiri, S. S., Adebayo, T. S., Asuzu, O. C., Onuogu, I. C., & Oji-Okoro, I. (2022). Testing the role of economic complexity on the ecological footprint in China: a nonparametric causality-in-quantiles approach. **Energy & Environment**, 67-80. SSCI. <https://doi.org/10.1177/0958305X2210945>
- 2022 Adebayo, T. S., Awosusi, A. A., Rjoub, H., Agyekum, E. B., & Kirikkaleli, D. (2022). The influence of renewable energy usage on consumption-based carbon emissions in MINT economies. **Heliyon**, 8(2), e08941. SSCI. <https://doi.org/10.1016/j.heliyon.2022.e08941>
- 2022 Adebayo, T. S., AbdulKareem, H. K., Kirikkaleli, D., Shah, M. I., & Abbas, S. (2022). CO2 behavior amidst the COVID-19 pandemic in the United Kingdom: The role of renewable and non-renewable energy development. **Renewable Energy**, 189, 492-501. SCIE. <https://doi.org/10.1016/j.renene.2022.02.111>
- 2022 Ahmed, Z., Adebayo, T. S., Udemba, E. N., Murshed, M., & Kirikkaleli, D. (2022). Effects of economic complexity, economic growth, and renewable energy technology budgets on ecological footprint: the role of democratic accountability. **Environmental Science and Pollution Research**, 29(17), 24925-24940. SCIE. <https://doi.org/10.1007/s11356-021-17673-2>
- 2022 Akinsola, G. D., Awosusi, A. A., Kirikkaleli, D., Umarbeyli, S., Adeshola, I., & Adebayo, T. S. (2022). Ecological footprint, public-private partnership investment in energy, and financial development in Brazil: a gradual shift causality approach. **Environmental Science and Pollution Research**, 29(7), 10077-10090. SCIE. <https://doi.org/10.1007/s11356-021-15791-5>
- 2022 Adebayo, T. S., Coelho, M. F., Onbaşıoğlu, D. Ç., Rjoub, H., Mata, M. N., Carvalho, P. V., ... & Adeshola, I. (2021). Modeling the dynamic linkage between renewable energy consumption, globalization, and environmental degradation in South Korea: does technological innovation matter?. **Energies**, 14(14), 4265. SCIE. <https://doi.org/10.3390/en14144265>
- 2022 Du, L., Jiang, H., Adebayo, T. S., Awosusi, A. A., & Razzaq, A. (2022). Asymmetric effects of high-tech industry and renewable energy on consumption-based carbon emissions in MINT countries. **Renewable Energy**, 196, 1269-1280. SCIE. <https://doi.org/10.1016/j.renene.2022.07.028>
- 2022 Adebayo, T. S., Adedoyin, F. F., & Kirikkaleli, D. (2021). Toward a sustainable environment: nexus between consumption-based carbon emissions, economic growth, renewable energy and

- technological innovation in Brazil. **Environmental Science and Pollution Research**, 28(37), 52272-52282. SCIE. <https://doi.org/10.1007/s11356-021-14425-0>
- 2022 Gyamfi, B. A., Adebayo, T. S., Bekun, F. V., & Agboola, M. O. (2022). Sterling insights into natural resources intensification, ageing population and globalization on environmental status in Mediterranean countries. **Energy & Environment**, 0958305X221083240. SSCI. <https://doi.org/10.1177/0958305X22108324>
- 2022 Adebayo, T. S., & Rjoub, H. (2021). Assessment of the role of trade and renewable energy consumption on consumption-based carbon emissions: evidence from the MINT economies. **Environmental Science and Pollution Research**, 28(41), 58271-58283. SCIE. <https://doi.org/10.1007/s11356-021-14754-0>
- 2022 Adebayo, T. S., Bekun, F. V., Rjoub, H., Agboola, M. O., Agyekum, E. B., & Gyamfi, B. A. (2022). Another look at the nexus between economic growth trajectory and emission within the context of developing country: fresh insights from a nonparametric causality-in-quantiles test. **Environment, Development and Sustainability**, 1-23. SCIE. <https://doi.org/10.1007/s10668-022-02533-x>
- 2022 Adebayo, T. S., Agyekum, E. B., Kamel, S., Zawbaa, H. M., & Altuntaş, M. (2022). Drivers of environmental degradation in Turkey: designing an SDG framework through advanced quantile approaches. **Energy Reports**, 8, 2008-2021. SCIE. <https://doi.org/10.1016/j.egyr.2022.01.020>
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Thesis Supervised

Name	Program	Language	Topic
Tunde Sodiq Taiwo	Business Administration (Master)	English	Clean energy consumption, technological advancement and urbanization in MINT nations
Hiba Awad Elsiddig Abbas	Health Care Organizations Management (Master)	English	Investigating the relationship between organisational culture and employees' performance
Romain Lamah	Business Administration (Master)	English	Analyzing the Linkage between Organisational Performance Pressures and the Ethical Leadership in Private Sector.
Muhammad Bilal Khan	Business Administration (Master)	English	Does nuclear energy consumption lessen carbon emissions in Brazil
Susan Yasini	Business Administration (Master)	English	Investigating the LCC hypothesis in selected developed nations
Mamadou Samba Koulibaly	Business Administration (Master)	English	Role of geopolitical risk, and financial risk on economic growth in Nigeria
Olawanle Benjamin Akin	Health Care Organizations Management (Master)	English	How effective is trade policy and climate policy uncertainty in boosting ecological quality in the United States?

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Global Recognition

- ❖ Among the world's top 2% of researchers by Stanford University (2022); (2023); (2024); and (2025): <https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/4>
- ❖ Among the Top 100 Young Economists (RePEc)
https://ideas.repec.org/top/top_young.html
- ❖ Ranked 2nd in Turkey according to ABDC Journal Quality List 2019 Ranking
<https://www.publicationranking.net/index.html?ranking=19&since=2024&countries=TR&bonus=100>

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- ❖ Reading/Researching
- ❖ Working with Computer
- ❖ Playing football and Table Tennis

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