



Biography

Abraham Ayobamiji Awosusi presently holds the position of a research assistant at the Operational Research center in Healthcare, Near East University. In addition, he is pursuing his doctoral studies in the Department of Economics, showcasing his commitment to scholarly pursuits. With an extensive background in research, he has served as a research fellow in various prestigious universities across the globe. Notably, his exceptional contributions to the field of research have earned him a distinguished position among the top 2% of most impactful researchers worldwide, as recognized by the Stanford University. His scholarly achievements are further underscored by his publications in renowned journals, with his research interests encompassing the domains of International Finance, applied econometrics, as well as environmental and energy economics.

ACADEMIC CURRICULUM VITAE

1. Name - Surname: Abraham Ayobamiji, **AWOSUSI**

2. Title: Mr

3. Educational Background:

Degree	Department/Program	University	Year
Bachelor's	Department of Banking and Finance	Crawford University, Nigeria	2013
Master's	Department of International Economics and Finance	European University of Lefke, North Cyprus	2017

PhD	Department of Economics	Near-east University, North Cyprus	Till date
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4. Master's / PhD Thesis

4.1. Master's Thesis Title and Thesis Advisor(s): The impact of economic growth, energy consumption, trade openness, financial development, and foreign direct investment on carbon dioxide emission in Nigeria. Advisor: Assoc. Prof Dr. Demet Beton.

4.2. PhD Thesis /Medical Specialty Thesis Title and Advisor(s): Assessing drivers of environmental sustainability in top renewable energy nations using the panel and time series approach. Advisor: Prof. Dr. Hüseyin özdeşer and Co-Advisor: Assoc. Prof Dr. Mehdi Seraj

5. Academic Titles:

Date of Assistant Professorship:

Date of Associate Professorship:

Date of Professorship:

6. Supervised Master's and PhD Theses:

6.1. Master's Theses

6.2. PhD Theses

7. Publications

7.1. Articles Published in International Peer-Reviewed Journals (SCI,SSCI, AHCI, ESCI, Scopus)

1. **Ayobamiji, A. A., & Kalmaz, D. B.** (2020). Reinvestigating the determinants of environmental degradation in Nigeria. **International Journal of Economic Policy in Emerging Economies**, 13(1), 52-71. <https://doi.org/10.1504/IJEPEE.2020.106680>
2. Adebayo, T. S., **Awosusi, A. A.**, & Adeshola, I. (2020). Determinants of CO₂ Emissions in Emerging Markets: An Empirical Evidence from MINT Economies. **International Journal of Renewable Energy Development**, 9(3). <https://doi.org/10.14710/ijred.2020.31321>
3. Adebayo, T. S., **Awosusi, A. A.**, Oladipupo, S. D., Agyekum, E. B., Jayakumar, A., & Kumar, N. M. (2021). Dominance of fossil fuels in Japan's national energy mix and implications for environmental sustainability. **International Journal of Environmental Research and Public Health**, 18(14), 7347. <https://doi.org/10.3390/ijerph18147347>

4. Adebayo, T. S., **Awosusi, A. A.**, Bekun, F. V., & Altuntaş, M. (2021). Coal energy consumption beat renewable energy consumption in South Africa: Developing policy framework for sustainable development. *Renewable Energy*, 175, 1012-1024. <https://doi.org/10.1016/j.renene.2021.05.032>
5. 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*, 1-14. <https://doi.org/10.1007/s11356-021-14580-4>.
6. 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*, 1-16. <https://doi.org/10.1007/s11356-021-13498-1>
7. 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. <https://doi.org/10.1016/j.egyr.2021.07.065>
8. Adebayo, T. S., **Awosusi, A.A.**, Panait, M., & Popescu, C. (2021). Asymmetric Impact of International Trade on Consumption-Based Carbon Emissions in MINT Nations. *Energies*, 14(20), 6581. <https://doi.org/10.3390/en14206581>
9. Akinsola, G. D., **Awosusi, A. A.**, Kirikkaleli, D., Umarbeyli, S., Adeshola, I., and Adebayo, T. S. (2021). Ecological Footprint, Public-Private Partnership Investment in Energy, and Financial Development in Brazil: A Gradual Shift Causality Approach. *Environmental Science and Pollution Research*, 22-30. [doi:10.1007/s11356-021-15791-5](https://doi.org/10.1007/s11356-021-15791-5)
10. He K, Ramzan M, **Awosusi AA**, Ahmed Z, Ahmad M and Altuntaş M (2021) Does Globalization Moderate the Effect of Economic Complexity on CO₂ Emissions? Evidence From the Top 10 Energy Transition Economies. *Frontiers in Environmental Science*. 9:778088. <https://doi.org/10.3389/fenvs.2021.778088>
11. Kirikkaleli, D., Adeshola, I., Adebayo, T. S., & **Awosusi, A. A.** (2021). Do foreign aid triggers economic growth in Chad? A time series analysis. *Future Business Journal*, 7(1), 1-17. <https://doi.org/10.1186/s43093-021-00063-y>
12. **Awosusi, A. A.**, Adebayo, T. S., Rjoub, H., & Wong, W. K. (2022). How Do Financial Development and Renewable Energy Affect Consumption-Based Carbon Emissions?. *Mathematical and Computational Applications*, 27(4), 73. <https://doi.org/10.3390/mca27040073>
13. **Awosusi A. A.**, Mata M. N., Ahmed Z., Coelho M.F., Altuntaş M., Martins J.M., Martins J.N., and Onifade S.T. (2022). How Do Renewable Energy, Economic Growth and Natural Resources Rent Affect Environmental Sustainability in a Globalized Economy? Evidence From Colombia Based on the Gradual Shift Causality Approach. *Frontiers in Energy Research*, 9:739721. <https://doi.org/10.3389/fenrg.2021.739721>
14. Xu, D., Salem, S., **Awosusi, A. A.**, Abdurakhmanova, G., Altuntaş, M., Oluwajana, D., Kirikkaleli D., & Ojekemi, O. (2022). Load capacity factor and financial globalization in Brazil: the role of renewable energy and urbanization. *Frontiers in Environmental Science*. 9:823185. doi: 10.3389/fenvs.2021.823185
15. **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. <https://doi.org/10.1016/j.egyr.2022.01.022>
16. Akadiri, S. S., Adebayo, T. S., Riti, J. S., **Awosusi, A. A.**, & Inusa, E. M. (2022). The effect of financial globalization and natural resource rent on load capacity factor in

- India: an analysis using the dual adjustment approach. *Environmental Science and Pollution Research*, 1-18. <https://doi.org/10.1007/s11356-022-22012-0>
17. 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. <https://doi.org/10.1016/j.renene.2022.01.073>
 18. 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. <https://doi.org/10.1016/j.renene.2022.07.028>
 19. 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. <https://doi.org/10.1016/j.heliyon.2022.e08941>
 20. **Awosusi, A. A.**, Xulu, N. G., Ahmadi, M., Rjoub, H., Altuntaş, M., Uhumamure, S. E., ... & Kirikkaleli, D. (2022). The Sustainable Environment in Uruguay: The Roles of Financial Development, Natural Resources, and Trade Globalization. *Frontiers in Environmental Science*, 430. doi: 10.3389/fenvs.2022.875577
 21. Ojekemi, O. S., Rjoub, H., **Awosusi, A. A.**, & Agyekum, E. B. (2022). Toward a sustainable environment and economic growth in BRICS economies: do innovation and globalization matter?. *Environmental Science and Pollution Research*, 1-18. <https://doi.org/10.1007/s11356-022-19742-6>
 22. **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*, 1-18. <https://doi.org/10.1080/13504509.2022.2059032>
 23. **Awosusi, A. A.**, Kutlay, K., Altuntaş, M., Khodjiev, B., Agyekum, E. B., Shouran, M., ... & Kamel, S. (2022). A roadmap toward achieving sustainable environment: evaluating the impact of technological innovation and globalization on load capacity factor. *International Journal of Environmental Research and Public Health*, 19(6), 3288. <https://doi.org/10.3390/ijerph19063288>
 24. Beton Kalmaz, D., & **Awosusi, A. A.** (2022). Investigation of the driving factors of ecological footprint in Malaysia. *Environmental Science and Pollution Research*, 1-14. <https://doi.org/10.1007/s11356-022-19797-5>
 25. Adeshola, I., Oluwajana, D., **Awosusi, A. A.**, & Sogeke, O. S. (2022). Do cultural dimensions influence management style and organizational culture in a multicultural environment? Case study of Northern Cyprus. *Kybernetes*. <https://doi.org/10.1108/K-05-2021-0396>
 26. Adebayo, T. S., Akadiri, S. S., Radmehr, M., & **Awosusi, A. A.** (2022). Re-visiting the resource curse hypothesis in the MINT economies. *Environmental Science and Pollution Research*, 1-15. <https://doi.org/10.1007/s11356-022-22785-4>
 27. Liu, F., Zhang, X., Adebayo, T. S., & **Awosusi, A. A.** (2022). Asymmetric and moderating role of industrialisation and technological innovation for energy intensity: Evidence from BRICS economies. *Renewable Energy*. <https://doi.org/10.1016/j.renene.2022.08.099>
 28. Xin, Y., Li, H., Adebayo, T. S., & **Awosusi, A. A.** (2022). Asymmetric linkage between biomass energy consumption and ecological footprints in top ten biomass-consuming nations. *Economic Research-Ekonomska Istraživanja*, 1-26. <https://doi.org/10.1080/1331677X.2022.2147567>

29. Praveenkumar, S., Agyekum, E. B., Ampah, J. D., Afrane, S., Velkin, V. I., Mehmood, U., & **Awosusi, A. A.** (2022). Techno-economic optimization of PV system for hydrogen production and electric vehicle charging stations under five different climatic conditions in India. *International Journal of Hydrogen Energy*, 47(90), 38087-38105. <https://doi.org/10.1016/j.ijhydene.2022.09.015>
30. Akadiri, S. S., Adebayo, T. S., Riti, J. S., **Awosusi, A. A.**, & Inusa, E. M. (2022). The effect of financial globalization and natural resource rent on load capacity factor in India: an analysis using the dual adjustment approach. *Environmental Science and Pollution Research*, 29(59), 89045-89062. <https://doi.org/10.1007/s11356-022-22012-0>
31. Adebayo, T. S., Akadiri, S. S., Altuntaş, M., & **Awosusi, A. A.** (2022). Environmental effects of structural change, hydro and coal energy consumption on ecological footprint in India: insights from the novel dynamic ARDL simulation. *Environment, Development and Sustainability*, 1-24. <https://doi.org/10.1007/s10668-022-02665-0>
32. Ibrahim, R. L., Adebayo, T. S., **Awosusi, A. A.**, Ajide, K. B., Adewuyi, A. O., & Bolarinwa, F. O. (2022). Investigating the asymmetric effects of renewable energy-carbon neutrality nexus: Can technological innovation, trade openness, and transport services deliver the target for Germany?. *Energy & Environment*, <https://doi.org/10.1177/0958305X221127020>
33. **Awosusi, A. A.**, Rjoub, H., Dördüncü, H., & Kirikkaleli, D. (2022). Does the potency of economic globalization and political instability reshape renewable energy usage in the face of environmental degradation?. *Environmental Science and Pollution Research*, 1-16. <https://doi.org/10.1007/s11356-022-23665-7>
34. Huilan, W., Akadiri, S. S., Haouas, I., **Awosusi, A. A.**, & Odu, A. T. (2022). Impact of trade liberalization and renewable energy on load capacity factor: Evidence from novel dual adjustment approach. *Energy & Environment*, <https://doi.org/10.1177/0958305X221137559>
35. Adebayo, T. S., **Awosusi, A. A.**, Uhumamure, S. E., & Shale, K. (2022). Race to achieving sustainable environment in China: Can financial globalization and renewable energy consumption help meet this stride?. *Science Progress*, 105(4). <https://doi.org/10.1177/00368504221138715>
36. Zhang, M., Adebayo, T. S., **Awosusi, A. A.**, Ramzan, M., Otrakçı, C., & Kirikkaleli, D. (2022). Toward sustainable environment in Italy: The role of trade globalization, human capital, and renewable energy consumption. *Energy & Environment*, 0958305X221146941
37. Su, Chi-Wei, Muhammad Umar, Dervis Kirikkaleli, **Awosusi, A.A.**, and Mehmet Altuntaş. (2023). "Testing the asymmetric effect of financial stability towards carbon neutrality target: The case of Iceland and global comparison. *Gondwana Research* 116(1), <https://doi.org/10.1016/j.gr.2022.12.014>
38. Umar, M., **Awosusi, A. A.**, Adegboye, O. R., & Ojekemi, O. S. (2023). Geothermal energy and carbon emissions nexus in leading geothermal-consuming nations: Evidence from nonparametric analysis. *Energy & Environment*, <https://doi.org/10.1177/0958305X2311539>
39. **Awosusi, A. A.**, Ozdeser, H., Seraj, M., & Abbas, S. (2023). Can green resource productivity, renewable energy, and economic globalization drive the pursuit of carbon neutrality in the top energy transition economies?. *International Journal of Sustainable Development & World Ecology*, 1-15. <https://doi.org/10.1080/13504509.2023.2192007>
40. Kirikkaleli, D., **Awosusi, A. A.**, Adebayo, T. S., & Otrakçı, C. (2023). Enhancing environmental quality in Portugal: can CO2 intensity of GDP and renewable energy consumption be the solution?. *Environmental Science and Pollution Research*, 30(18), 53796-53806. <https://doi.org/10.1007/s11356-023-26191-2>

41. Oyebanji, M. O., Kirikkaleli, D., & **Awosusi, A. A.** (2023). Consumption-based CO2 emissions in Denmark: The role of financial stability and energy productivity. *Integrated Environmental Assessment and Management*. <https://doi.org/10.1002/ieam.4757>
42. **Awosusi, A. A.**, Rjoub, H., Ağa, M., & Onyenegecha, I. P. (2023). An insight into the asymmetric effect of economic globalization on renewable energy in Australia: Evidence from the nonlinear ARDL approach and wavelet coherence. *Energy & Environment*. <https://doi.org/10.1177/0958305X231171702>
43. **Awosusi, A. A.**, Ozdeser, H., Ojekemi, O. S., Adeshola, I., & Ramzan, M. (2023). Environmental sustainability in Vietnam: evaluating the criticality of economic globalisation, renewable energy, and natural resources. *Environmental Science and Pollution Research*, 1-14. <https://doi.org/10.1007/s11356-023-27683-x>
44. Wang, X., Chen, G., Afshan, S., **Awosusi, A. A.**, & Abbas, S. (2023). Transition towards sustainable energy: The role of economic complexity, financial liberalization and natural resources management in China. *Resources Policy*, 83, 103631. <https://doi.org/10.1016/j.resourpol.2023.103631>
45. **Awosusi, A.A.**, Akadiri, S.S., Olanrewaju, V.O. et al. The role of energy, political stability, and real income on achieving carbon neutrality: asymmetric evidence. *Environmental Science and Pollution Research*, 1-14.. <https://doi.org/10.1007/s11356-023-28136-1>
46. Zhou, H., **Awosusi, A. A.**, Dagar, V., Zhu, G., & Abbas, S. (2023). Unleashing the asymmetric effect of natural resources abundance on carbon emissions in regional comprehensive economic partnership: What role do economic globalization and disaggregating energy play?. *Resources Policy*, 85, 103914. <https://doi.org/10.1016/j.resourpol.2023.103914>
47. Ibrahim, R. L., **Awosusi, A. A.**, Ajide, K. B., & Ozdeser, H. (2023). Exploring the renewable energy-environmental sustainability pathways: what do the interplay of technological innovation, structural change, and urbanization portends for BRICS?. *Environment, Development and Sustainability*, 1-21. <https://doi.org/10.1007/s10668-023-03917-3>
48. Anser, M. K., Khan, K. A., Umar, M., **Awosusi, A. A.**, & Shamansurova, Z. (2023). Formulating sustainable development policy for a developed nation: exploring the role of renewable energy, natural gas efficiency and oil efficiency towards decarbonization. *International Journal of Sustainable Development & World Ecology*, 1-17. <https://doi.org/10.1080/13504509.2023.2268586>
49. Yang, M., Magazzino, C., **Awosusi, A. A.**, & Abdulloev, N. (2023). Determinants of Load capacity factor in BRICS countries: A panel data analysis. In *Natural Resources Forum*. Oxford, UK: Blackwell Publishing Ltd. <https://doi.org/10.1111/1477-8947.12331>
50. Adeshola, I., Usman, O., Agoyi, M., **Awosusi, A. A.**, & Adebayo, T. S. (2023). Digitalization and the environment: The role of information and communication technology and environmental taxes in European countries. In *Natural Resources Forum*. Oxford, UK: Blackwell Publishing Ltd. <https://doi.org/10.1111/1477-8947.12342>
51. **Awosusi, A. A.**, Adebayo, T. S., Kirikkaleli, D., Rjoub, H., & Altuntaş, M. (2023). Evaluating the determinants of load capacity factor in Japan: The impact of economic complexity and trade globalization. In *Natural Resources Forum*. Oxford, UK: Blackwell Publishing Ltd. <https://doi.org/10.1111/1477-8947.12334>
52. Sun, X. Q., **Awosusi, A. A.**, Han, Z., Uzun, B., & Öncü, E. (2023). Racing towards environmental sustainability: a synergy between economic complexity, political

- stability, and energy transition: policy insight from a bootstrap time varying causality approach. *International Journal of Sustainable Development & World Ecology*, 1-16. <https://doi.org/10.1080/13504509.2023.2268573>
53. Jiang, Y., Ramzan, M., **Awosusi, A. A.**, & Adebayo, T. S. (2023). Moderating role of green innovation and fiscal expenditure towards achieving the Sustainable Development Agenda 2030 at provincial-level in China: policy implication from green total factor productivity. *Environmental Science and Pollution Research*, 30(46), 102818-102838. <https://doi.org/10.1007/s11356-023-29551-0>
54. Ma, X., Khan, M. N., **Awosusi, A. A.**, Uzun, B., & Shamansurova, Z. (2023). Heterogeneous impact of green energy innovation on energy transition in the G7 nations: an aggregated and disintegrated analysis through advanced quantile approach. *International Journal of Sustainable Development & World Ecology*, 1-15. <https://doi.org/10.1080/13504509.2023.2277422>
55. Ding, C., **Awosusi, A. A.**, Abbas, S., & Ojekemi, O. R. (2023). Formulating ecological sustainability policies for India within the coal energy, biomass energy, and economic globalization framework. *Environmental Science and Pollution Research*, 30(52), 112758-112772. <https://doi.org/10.1007/s11356-023-30243-y>
56. **Awosusi, A. A.**, Ozdeser, H., & Seraj, M. (2024). Do foreign risks affect the stock market in an emerging economy? A time-series analysis. *International Journal of Business and Emerging Markets*, 16(1), 71-88. <https://doi.org/10.1504/IJBEM.2024.135100>

7.2. Articles Published in Other International Peer-Reviewed Journals

7.3. Papers Presented at International Scientific Conferences and Published in Conference Proceedings

1. ICOAEF'19, V. International Conference on Applied Economics and Finance & EXTENDED WITH SOCIAL SCIENCES) April 8-9-10, 2019 / Kyrenia – North Cyprus(T.R.N.C.).
“INVESTIGATING THE IMPACT OF MAIN DETERMINANTS OF ENVIRONMENTAL DEGRADATION IN NIGERIA (1971-2015)”

7.4. National/international Books or Book Chapters

7.5. Articles Published in National Peer-Reviewed Journals

8. Art and Design Activities

