

Olatunji Shobande

[PhD, CMBE, MEI, SFHEA]

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Career Profile

An accomplished scholar in energy economics, climate finance, and sustainability, with a proven record of securing competitive grants, publishing in high-impact journals, and shaping global debates on climate and development. My research reconceptualises finance as an institution of climate governance, linking financial innovation, distributive justice, and institutional resilience to the challenges of equitable transition. Recognised internationally for academic excellence and societal impact, I bring expertise in econometrics, macroeconomic modelling, and applied policy analysis, coupled with strong leadership in research capacity-building, curriculum design, and stakeholder engagement.

Expertise

Applied Economics, Energy and Climate Economics Econometrics, Development Economics & Social Policy

Education

Degrees

University of Aberdeen

PhD Economics

UK

2022

University of Lagos

MSc Economics (Distinction)

Nigeria

2016

Caleb University

BSc Economics (First Class)

Nigeria

2014

Certificates

Harvard Business School

Harvard Certificate in Negotiation and Competitive Decision Making

US

2020

Cranfield School of Management

Certificate in Leadership Management

UK

2020

Professional Affiliations

Advanced Higher Education Academy (HEA)

Senior Fellow, (SFHEA)

UK

2024-present

Chartered Association of Business Schools (CABS)

Certified Management and Business Educator (CMBE)

UK

2024-present

Royal Economic Society

Member

UK

2022 -present

American Economic Association

Member

US

2022 -present

International Association of Energy Economics

Fellow Member

UK

2019-present

Energy Institute

UK

Member (MEI) 2019 -present

Work Experience

Hartwick College Assistant Professor Economics & Business	NY, US 2025 – to date
Teesside University Senior Research Fellow Climate Finance	England, UK 2022 - 2024
University of Aberdeen, UK Lecturer Economics & Energy Finance	Scotland, UK 2019 - 2022
Caleb University Lecturer Economics & Econometrics	Lagos, Nigeria 2016 - 2018
Guaranty Trust Bank Senior Market Analyst	Lagos, Nigeria 2014 - 2015

Award, Scholarship, Fellowship & Grants

Digital Trade Project UKRI & Teesside University Lead Use Cases and Co-investigator	UK 2023
Teesside University Senior Research Fellow	UK 2022
Climate Finance UKRI Co-Investigator	UK 2022
UK Research and Innovation Global Talent Award (Exceptional Talent)	UK 2022
USCIS Extraordinary Talent Award	US 2022
UK COVID Research PGR Research Grant	UK 2021
Research Grant for PTDF Investigator	Nigeria 2018

Selected Research Papers

- **Shobande, O. A.,** Ogbeifun, L., & Tiwari, A. K. (2025). NetZero transitions: Advancing dynamic econometric analysis of carbon tax, renewable energy and circular economy on government actions. *Journal of Environmental Management*, 378, 124761.
- **Shobande, O. A.,** Ogbeifun, L., & Tiwari, A. K. (2025). Carbon neutrality: Synergy for energy transition, circular economy and inclusive green growth. *Journal of Environmental Management*, 374, 124114.
- **Shobande, O. A.,** & Ogbeifun, L. (2025). Debt by Rules: Recrafting Impact of Infrastructure Investments and Business Cycles on Debt Sustainability. *Structural Change and Economic Dynamics*.
- **Shobande, O. A.,** Ogbeifun, L., & Tiwari, A. K. (2025). Carbon neutrality: Synergy for energy transition, circular economy and inclusive green growth. *Journal of Environmental Management*, 374, 124114.
- Ogbeifun, L., & **Shobande, O.** (2025). Exploring the implications of FOREX restriction policies: Theory and new evidence. *Research in Economics*, 101033.
- **Shobande, O. A.,** Ogbeifun, L., Tiwari, A.K. (2024). Demystifying circular economy and inclusive green growth for promoting energy transition and carbon neutrality. *Structural Change and Economic Dynamics*.

- **Shobande, O. A.**, Ogbeifun, L., & Apergis, N. (2024). Crafting monetary policy beyond low carbon legacy. *International Review of Economics & Finance*.
- **Shobande, O. A.**, Ogbeifun, L., Tiwari, A.K. (2024). Extricating the impacts of emissions trading system and energy transition on carbon intensity. *Applied Energy*.
- **Shobande, O. A.**, Ogbeifun, L., Tiwari, A.K. (2024). Unlocking information technology infrastructure for promoting climate resilience and environmental quality. *Technological Forecasting and Social Change*, 198, 122949.
- Piwowar-Sulej, K., Malik, S., **Shobande, O. A.**, Singh, S., & Dagar, V. (2024). A Contribution to Sustainable Human Resource Development in the Era of the COVID-19 Pandemic. *Journal of Business Ethics*, 1-19.
- **Shobande, O. A.** (2023). Rethinking social change: Does the permanent and transitory effects of electricity and solid fuel use predict health outcome in Africa. *Technological Forecasting and Social Change*, 186, 122169
- **Shobande, O. A.**, Ogbeifun, L., & Tiwari, A. K. (2023). Re-evaluating the impacts of green innovations and renewable energy on carbon neutrality: Does social inclusiveness really matters? *Journal of Environmental Management*, 336, 117670.
- **Shobande, O. A.**, & Ogbeifun, L. (2023). Pooling cross-sectional and Time Series Data for Estimating Causality between Technological Innovation, Affluence and Carbon Dynamics: Comparative evidence from developed and developing economy. *Technological Forecasting and Social Change*, 187, 122192.
- **Shobande, O.A.** & Asongu, S.A. (2023) Searching for Sustainable Footprints: Does ICT Increase CO₂ Emissions? *Environment Modelling Assessment*, 28, 133–143.
- **Shobande, O. A.**, & Asongu, S. A. (2022). The Critical Role of Education and ICT in Promoting Environmental Sustainability in Eastern and Southern Africa: A Panel VAR Approach. *Technological Forecasting and Social Change*, 176, 121480.
- **Shobande, O. A.**, & Shodipe, O. T. (2021). Monetary policy interdependency in Fisher effect: Comparative evidence. *Journal of Central Banking Theory and Practice*, 10(1), 203-226.
- **Shobande, O. A.** (2020). The effects of energy use on infant mortality rates in Africa. *Environmental and Sustainability Indicators*, 5, 100015.
- **Shobande, O. A.**, & Shodipe, O. T. (2019). Carbon policy for the United States, China, and Nigeria: An estimated dynamic stochastic general equilibrium model. *Science of The Total Environment*, 697, 134130.

IT Skills

STATA, E-View, GRET, Excel, Virtual Classroom, My-Aberdeen, Padlet, Socrative, AI, ML, Data Analytics

References

References are available upon request for your consideration.