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RESEARCH

Areas: Economics and Econometrics · Pollution · Renewable Energy, Sustainability and the Environment · Electrical and Electronic Engineering · General Health Professions · Finance

RESEARCH SUMMARY

40	354	12	15	1.77	33%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 40 publications listed below, 2012–2026. Field-weighted impact is the mean over the 40 works scored for it; 1.00 is the world average for works of the same field, type and year. 13 of the 40 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2016–present
Economics, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana

EDUCATION AND QUALIFICATIONS

PhD 2011–2014
Accounting, Economics and Finance, University of KwaZulu-Natal, Durban, South Africa

PUBLICATIONS

Journal articles 38

1. Stephen Adusei, Anthony Kofi Osei-Fosu, Frank Adusah-Poku, Daniel Sakyi, **John Bosco Dramani** (2026). The Impact of Informal Economy on Poverty in Sub-Saharan Africa. Does Institutional Quality Matter? *Poverty & Public Policy*. https://doi.org/10.1002/pop4.70064
2. Akosua Baah Kwarteng Amaka-Otchere, Eric Oduro-Ofori, Otiwaa Boakye, Prince Boakye Frimpong, Kafui Ocloo, **John Bosco Dramani** (2026). Toward urban wetland sustainability – a multivariate statistical analysis of encroachers' outlook. *The Science of The Total Environment*. https://doi.org/10.1016/j.scitotenv.2026.181525
3. **John Bosco Dramani**, Prince Boakye Frimpong, Frank Adusah-Poku (2025). A look at Ghana's housing deficit and quality trends for over 20 years. *Housing Studies*. https://doi.org/10.1080/02673037.2025.2537647
4. John-Paul Safunu Banchani, Sebastian Angzoorokuu Paalo, **John Bosco Dramani**, Daniel Dramani Kipo-Sunyehzi, Abass Mohammed (2025). African Union's Institutional Innovations for Promoting Good Governance: A Focus on the African Peer Review Mechanism (APRM). *African Quarterly Social Science Review*. https://doi.org/10.51867/aqssr.2.3.6
5. Frank Adusah-Poku, **John Bosco Dramani**, Prince Boakye Frimpong (2025). Climate change, food consumption and food security: Evidence from Ghana. *Sustainable Futures*. https://doi.org/10.1016/j.sftr.2025.101565
6. Prince Amoako, Eugenia Amporfu, **John Dramani** (2025). Impact of Delayed Desired Job Employment of Trained Nurses on Job Satisfaction in Ghana. *International Journal of Health Economics and Policy*. https://

doi.org/10.11648/j.hep.20251004.12

7. Prince Boakye Frimpong, **John Bosco Dramani**, Frank Adusah-Poku (2025). The impact of housing quality on child survival in Ghana. *International Journal of Housing Markets and Analysis*. https://doi.org/10.1108/ijhma-05-2025-0118
8. **John Bosco Dramani**, Emmanuel Duodu, Bright Tetteh, Enoch Ntsiful, Prince Boakye Frimpong (2025). Trade Policy Uncertainty, Trade, and Economic Growth in Africa: What Can the African Continental Free Trade Area (AfCFTA) Offer? *The International Trade Journal*. https://doi.org/10.1080/08853908.2025.2538861
9. M. Yazdanie, P.B. Frimpong, **J.B. Dramani**, K. Orehounig (2024). Depreciating currency impacts on local-scale energy system planning: The case study of Accra, Ghana. *Energy Strategy Reviews*. https://doi.org/10.1016/j.esr.2024.101362
10. Enoch Ntsiful, **John Bosco Dramani**, Frank Adusah-Poku, Prince Boakye Frimpong (2024). Effect of electricity access on the value of women's labour and time in Ghana. *World Development Perspectives*. https://doi.org/10.1016/j.wdp.2024.100614
11. **John Bosco Dramani**, Kwame Ansere Ofori-Mensah, Nathaniel Oppong Otchere, Prince Boakye Frimpong, Akwasi Adu-Poku, Francis Kemausuor, Mashael Yazdanie (2024). Estimating and forecasting suppressed electricity demand in Ghana under climate change, the informal economy and sector inefficiencies. *Heliyon*. https://doi.org/10.1016/j.heliyon.2024.e36001
12. Desmond Mbe-Nyire Mpuure, Prince Boakye Frimpong, Kwame Ansere Ofori-Mensah, **John Bosco Dramani** (2024). Health shocks and households' welfare in Ghana: does social assistance mitigate the effects? *Seikei ronsō/Review of economics and political science*. https://doi.org/10.1108/reps-09-2022-0068
13. Akosua B.K. Amaka-Otchere, Gabriel Mawuko, Atinuke Olusola Adebanji, Mary Magdalene Quarcoo, Fati Aziz, **John Bosco Dramani**, Eric Oduro-Ofori (2024). Toward sustainable energy transition: understanding electricity-use behavior among low-income urban households in Kumasi. *African Geographical Review*. https://doi.org/10.1080/19376812.2024.2399569
14. Eric Fosu Oteng-Abayie, **John Bosco Dramani**, Frank Adusah-Poku, Kofi Amanor, Jonathan Dagadu Quartey (2023). Decomposition and drivers of energy intensity in Ghana. *Energy Strategy Reviews*. https://doi.org/10.1016/j.esr.2023.101090
15. **John Bosco Dramani**, Bright Tetteh, Mahawiya Sulemana, Godfred Aawarr (2023). Does energy consumption improve human capital development? Empirical evidence from panel non-linear autoregressive distributed lag in Africa. *OPEC Energy Review*. https://doi.org/10.1111/opec.12294
16. Paul Owusu Takyi, **John Bosco Dramani**, Nana Kwame Akosah, Godfred Aawaar (2023). Economic activities' response to the COVID-19 pandemic in developing countries. *Scientific African*. https://doi.org/10.1016/j.sciaf.2023.e01642
17. Franklin Bedakiyiba Baajike, Eric Fosu Oteng-Abayie, **John Bosco Dramani**, Kofi Amanor (2023). Effects of trade liberalization on the global decoupling and decomposition of CO2 emissions from economic growth. *Heliyon*. https://doi.org/10.1016/j.heliyon.2023.e23470
18. Samuel Osei-Gyebi, **John Bosco Dramani** (2023). Electricity consumption and economic growth in Ghana: how significant are electricity transmission losses? *International Journal of Energy Sector Management*. https://doi.org/10.1108/ijesm-05-2023-0008
19. Samuel Tawiah Baidoo, Daniel Sakyi, Enock Kojo Ayesu, Grace Nkansa Asante, **John Bosco Dramani** (2023). Estimating the effect of economic globalization on welfare in Africa. *SN Business & Economics*. https://doi.org/10.1007/s43546-023-00543-z
20. Samuel Osei-Gyebi, **John Bosco Dramani** (2023). Firm performance in sub-Saharan Africa: What role do electricity shortages play? *Cogent Economics & Finance*. https://doi.org/10.1080/23322039.2023.2251822
21. Richard Opoku, Gidphil Mensah, Eunice A. Adjei, **John Bosco Dramani**, Oliver Kornyo, Rajvant Nijjhar, Michael Addai, Daniel Marfo, Francis Davis, George Yaw Obeng (2023). Machine learning of redundant

energy of a solar PV Mini-grid system for cooking applications. *Solar Energy*. https://doi.org/10.1016/j.solener.2023.06.008

22. Abraham Gyamfi Ababio, Anthony K. Osei-Fosu, **John Bosco Dramani** (2023). Religion, social capital and poverty in Ghana: Correlations and explanations. *International Social Science Journal*. https://doi.org/10.1111/issj.12408
23. Eric Fosu Oteng-Abayie, **John Bosco Dramani**, Mahawiya Sulemana, Frank Adusah-Poku (2023). The Asymmetric Effects of Oil Price Shocks on Aggregate Demand for Goods and Services in Ghana. *Journal of Energy*. https://doi.org/10.1155/2023/1692552
24. M. Yazdanie, P.B. Frimpong, **J.B. Dramani**, K. Orehounig (2023). The impacts of the informal economy, climate migration, and rising temperatures on energy system planning. *Energy Reports*. https://doi.org/10.1016/j.egyr.2023.11.041
25. Frank Adusah-Poku, **John Bosco Dramani**, Kwame Adjei-Mantey (2022). Does the choice of cooking fuel empower Ghanaian women? An empirical analysis. *Development Southern Africa*. https://doi.org/10.1080/0376835x.2022.2135489
26. Priscilla Forson, **John Bosco Dramani**, Prince Boakye Frimpong, Eric Arthur, Sulemana Mahawiya (2022). Effect of oil price volatility on the trade balance in sub-Saharan Africa. *OPEC Energy Review*. https://doi.org/10.1111/opec.12231
27. **John Bosco Dramani**, Prince Boakye Frimpong, Kwame Ansere Ofori-Mensah (2022). Modelling the informal sector and energy consumption in Ghana. *Social Sciences & Humanities Open*. https://doi.org/10.1016/j.ssaho.2022.100354
28. **John Bosco Dramani**, Yahuza Abdul Rahman, Mahawiya Sulemana, Paul Owusu Takyi (2022). Natural resource dependence and economic growth in SSA: are there threshold effects? *Development Studies Research*. https://doi.org/10.1080/21665095.2022.2112728
29. Frank Adusah-Poku, **John Bosco Dramani**, Kwame Adjei-Mantey (2021). Determinants of electricity demand in Ghana: the role of power crises. *International Journal of Sustainable Energy*. https://doi.org/10.1080/14786451.2021.1974440
30. Paul Nayaga, Frank Adusah-Poku, **John Bosco Dramani**, Paul Owusu Takyi (2021). The threshold effect of electricity consumption and urbanization on carbon dioxide emissions in Ghana. *Management of Environmental Quality An International Journal*. https://doi.org/10.1108/meq-09-2021-0229
31. **John Bosco Dramani**, Prince Boakye Frimpong (2020). The effect of crude oil price shocks on macroeconomic stability in Ghana. *OPEC Energy Review*. https://doi.org/10.1111/opec.12182
32. Eric Fosu Oteng-Abayie, **John Bosco Dramani** (2018). Time-frequency domain causality of prime building cost and macroeconomic indicators in Ghana: implications for project selection. *Construction Management and Economics*. https://doi.org/10.1080/01446193.2018.1514125
33. Maurice Omane-Adjepong, **John Bosco Dramani** (2017). On the dynamic effects of global commodities on stock market blocks in Africa. *Applied Economics Letters*. https://doi.org/10.1080/13504851.2017.1368978
34. Kennedy Kwabena Abrokwa, **John Bosco Dramani**, Keshab Bhattarai (2017). The effect of electricity technical losses on Ghana's economy: a simulation evaluation. *OPEC Energy Review*. https://doi.org/10.1111/opec.12111
35. **John Bosco Dramani**, D.D. Tewari (2014). An Econometric Analysis of Residential Electricity Demand in Ghana. *Mediterranean Journal of Social Sciences*. https://doi.org/10.5901/mjss.2014.v5n16p209
36. **John Bosco Dramani**, D.D. Tewari (2014). Institutions' and Electricity Sectors' Performance in Ghana. *Journal of Economics*. https://doi.org/10.1080/09765239.2014.11885002
37. **John Bosco Dramani**, D.D. Tewari (2013). Electricity End-Use Efficiency in Ghana: Experience with Technologies, Policies and Institutions. *Mediterranean Journal of Social Sciences*. https://doi.org/10.5901/mjss.2013.v4n13p669
38. **John Bosco Dramani** (2012). Structural breaks, electricity consumption and economic growth: Evidence from Ghana. *AFRICAN JOURNAL OF BUSINESS MANAGEMENT*. https://doi.org/10.5897/ajbm11.2800

Book chapters 2

1. Maurice Omane-Adjepong, Imhotep Paul Alagidede, **John Bosco Dramani** (2021). COVID-19 Outbreak and Co-Movement of Global Markets: Insight from Dynamic Wavelet Correlation Analysis. *IntechOpen eBooks*. https://doi.org/10.5772/intechopen.95098
2. Amin Karimu, **John Bosco Dramani** (2021). Energy Consumption Patterns in Africa: The Role of Biomass Fuels for Cooking and Fuel Use in the Transportation Sector. https://doi.org/10.1007/978-3-030-56371-4_16