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The impact of China's foreign aid on trade flow interactions and pollution: The Sino- Africa Perspective

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In the last decade, the volume of China's aid to Africa has increased tremendously. China has become the single largest aid donor to Africa, in recent years. Consequently, in year 2015, the value of China's export to Africa reached its peak of approximately \$150 billion. Evidence from erstwhile researchers suggest a link between foreign aid provision and trade interaction, though most of the findings seems inconclusive. This study therefore seeks to investigate the impact of China's foreign aid on the trade flow interactions and environmental pollution, from the Sino-Africa perspective. The study seeks to achieve the following objectives: examine the key factors that attracts Chinese aids; highlight the strategic advantages foreign aids provisions offer for both the donor and recipient countries; investigate the relationships between aid flow and donor-recipient trade flows; investigate the causal relationships among foreign aid, trade and pollution; and test the validity of the environmental Kuznets curve (EKC) and pollution haven theory. This study proposes robust models for reducing emissions embodied in trade with emphasizes on lowering cost for controlling environmental pollution and related risks. This study is envisaged to offer the best possible outcome for low-cost environmental controlled emissions embodied in trade. The study extends the frontier of current knowledge by elucidating further on the trade-environmental pollution nexus. Furthermore, the study utilizes robust and recent econometric approaches such as the Dynamic OLS, Bootstrapped Causality, and Gravity model to test key hypotheses to provide better statistical inferences. The study is of key relevance for policy makers and stakeholders as it explicate on the key pillars, policies and guidelines needed for trade, economic, social and environmental related reforms in this crucial era of globalization characterized with huge industrialization.

Biography

Kofi Baah Boamah (Ph.D). He has over 12 years of teaching and research experience in the field of Energy Economics, Environmental Management, International Economics and Trade, Operation Management, International Finance, and Health Economics. He is a distinguished Lecturer and a Research Fellow. He is a member of the European Association of Environmental and Resource Economists (EAERE). He has several published articles in top journals. He has won several awards. Recent among them are the following: The Best Reporter-7th Sino-Foreign Postgraduate Academic Forum in 2017; Excellent Conference Paper Award at the 7th Sino-Foreign Postgraduate Academic Forum in 2017; and the Outstanding Achievement in Scientific Research during 2016-2017.