



Green Economy and Food Security in Africa

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Abstract

The study is carried out with the objective of making contributions to the policy debate that is vital and relevant towards achieving sustainable development goals of ending poverty (SDG1), ensuring adequate food and nutrition (SDG2), promoting health and well-being (SDG3), ensuring sustainable management of water and sanitation (SDG6), building sustainable cities (SDG11), reducing emissions that cause climate change (SDG13), and protecting life in the ocean (SDG14) and on land (SDG15). The study used information from various data sources. This study made use of the data obtained from three main sources, notably, the FAO—Food and Agricultural Organisation, CPIA—Country Policy and Institutional Assessment and WDI—World Development Indicators to accomplish its goals. The data for the analysis cover the range

of 2005 to 2020 for African countries that members of the International Development Association (37 nations). To handle the problem of endogeneity, they applied the GMM—generalised method of moments. Findings revealed that when the economy is green, the state of food security increases. It proves that one proportionate increase in a green economy may lead to the improvement of food security in Africa by 0.24%. The findings from the GMM show that as an economy becomes greener, the condition of food insecurity reduces. In conclusion, the study submits that it is required for all relevant stakeholders to focus on policy and strategies to reach green economic growth.

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Data availability

Data will be made available upon reasonable request.

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Contributions

All authors wrote the paper.

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Authors declare no conflict of interest.

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Burkina Faso	Djibouti	Malawi	Sudan
Burundi	Ethiopia	Mali	Tanzania
Cape Verde	Gambia	Mauritania	Togo

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