



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2013_AJEA_6472
Title of the Manuscript:	ANALYSIS OF AGRICULTURAL PUBLIC CAPITAL EXPENDITURE AND AGRICULTURAL ECONOMIC GROWTH IN NIGERIA 1961 - 2010
Type of the Article	Original Research Paper

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	The paper tried to study the impact of agricultural public capital expenditure on agricultural economic growth in Nigeria over the period 1961 to 2010. The study concluded: "the reduction in agricultural capital expenditure by government would have negative repercussions on agricultural economic growth in Nigeria". The question is that if the resources saved from the agricultural sector have greater positive effects in the national economic growth, the government should shift public capital expenditure to more productive sectors. This implies that the paper should build a model which has general equilibrium framework. The basic equation, $\text{LogAGDP}_t = \beta_0 + \beta_1 \text{logACEX}_t + \beta_2 \text{logAFPI}_t + \beta_3 \text{logALF}_t + \dots,$ does not contain other sectors of the economic system. As capital expenditure by the government uses the national resources, the other sectors of the economy will have less supports from the government. As the study does not include the impact of the government's policy on the other parts of the economy, the contribution from the study to our understanding of Nigeria economy is minor.	We disagree with this comment because we are on Partial equilibrium analysis (see koutsoyiannis 1981). We are making the assumption of ceteris paribus. The other sectors of the economy are assumed to be constant while we are analyzing d agricultural sector.
Minor REVISION comments	The basic model should be extended to analyse effects of the government policy on the other sectors of national economy in order to provide some meaningful insights	The same comment as written above.



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	into the government policy.	
<u>Optional/General</u> comments	Although the paper (except the basic equation) is well constructed and well written, the basic equation implies that little meaningful insights can be obtained from the study.	