



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_45426
Title of the Manuscript:	Land Surface Temperature Analysis of Kigali City
Type of the Article	Original Research Article

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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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 manuscript investigated the relationships between land cover and land surface temperature in Kigali city using remote sensing techniques. A few suggestions to improve the manuscript. Introduction This section is quite shallow, this type of study has been well documented in Africa for instance: Assessment of the thermal response of variations in land surface around an urban area; Dynamics of surface urban biophysical compositions and its impact on land surface thermal field; A hybrid approach for monitoring future thermal environment in tropical areas; Investigating surface urban heat island characteristics over Abuja, Nigeria: Relationship between land surface temperature and multiple vegetation indices. These and other current situations regarding this topic should be reviewed and commented which I suppose will help you compare your methods and results with the earlier studies. It is moreover difficult to identify the knowledge gap in this paper. Land cover detection Can you provide more detailed information about the training samples and accuracy of your classification?.	1. The papers was used what I realized is that the comparing LU/LC changes of different period. For land surface temperature analysis in Kigali city only one period was used for land detection analysis there is no change assessment was made. 2. Land cover detection the comments was addressed and in revised manuscript was improved and the classification accuracy assessment was done
Minor REVISION comments		
Optional/General comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	No ethical issues