

Review Form 1.7

Journal Name:	Journal of Geography, Environment and Earth Science International
Manuscript Number:	Ms_JGEESI_98476
Title of the Manuscript:	Quantifying the Environmental Impact of Standard Gauge Railway (SGR) on Land Cover Changes along the Nairobi-Kiambu Corridor: A Geospatial and Field-Based Investigation
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:

<https://www.journalgeesi.com/index.php/JGEESI/editorial-policy>)

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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>To add knowledge about important case studies.</p> <p>The title is too long, and lacks quantitative discussion. Better to go straight to the point for the title.</p> <p>Article abstracts are incomplete, do not include research approaches, for example quantitative, qualitative or mixed methods. Should be detailed again. Please note that GIS & RS are geography tools that are only for sharpening spatial analysis.</p> <p>It's quite appropriate</p> <p>It is appropriate enough, but needs to be more quantitative in the discussion, for example using bar or pie charts, or other quantitative visualizations.</p> <p>References are not arranged systematically from the year of publication, or they can also be arranged alphabetically from A-Z.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>It's good enough</p>	
<p>Optional/General comments</p>	<p>Based on the articles written, it is known that environmental degradation: urbanization causes changes in Landuse Landcover (LULC), and SGR as rail transportation infrastructure which changes the habitat and ecosystem of wildlife, vegetation and human settlements. This is nothing new, that land clearing for transportation (whether due to urbanization, or providing accessibility) causes changes in LULC & changes the ecosystem within it, and its surroundings. It should be emphasized that RS & GIS only show changes in the LULC. Often articles look at the negative side, but do not explore the positive side.</p> <p>For the results/discussion section, it would be very good if percentages and quantitative figures were added to each change in each period (2016, 2017, 2018, 2019) because visually it is difficult to distinguish what and where the intended LULC changes are (Figure 2 & Figure 5).</p>	

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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