

Review Form 3

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| Journal Name: | International Journal of Environment and Climate Change |
| Manuscript Number: | Ms_IJECC_123170 |
| Title of the Manuscript: | Biomass Loss and Atmospheric Carbon Emissions from Habitat Conversion in Kahe Forest Reserve, Northern Tanzania |
| Type of the Article | The title does not include land use types, and biomass and carbon emissions are linked. The author must choose one expression in his title. I suggest as title: Biomass loss and land use land cover from Habitat Conversion in Kahe Forest Reserve, Northern Tanzania |

PART 1: Review Comments

| Compulsory REVISION comments | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
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| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | This paper demonstrates the impact of human activities on biomass loss through satellite imagery. The methodology is appropriate to the topic developed. The paper shows that biomass loss is observed in different types of land use and this loss contributes to an economic loss in the carbon market. The results will enrich the literature in the area. Thus, my observations should be taken into account to improve the document: | |
| Is the title of the article suitable? (If not please suggest an alternative title) | NO I suggest as title: Biomass loss and land use land cover from Habitat Conversion in Kahe Forest Reserve, Northern Tanzania | |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The problem is not clearly explained. The author should present the context and the problem in this section before describing the problem. The methodology used for biomass loss and spatial analysis should be briefly described. The author did not use statistical tests in the analysis. I recommend subjecting the biomass results to statistical testing between land use types. | |
| Are subsections and structure of the manuscript appropriate? | Yes, but the author citation is not appropriate | |
| Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part. | This paper combines remote sensing and biomass data to assess carbon loss in the reserve. The results show a loss of vegetation cover leading to a loss of biomass in the ecosystems. The methodology is adapted to the results. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Yes, the references sufficient and recent. But the author should add the references to the discussion section. Most of the sentences in this section are not referenced. | |

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| Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications? | Avoid long sentences | |
| Optional/General comments | | |

PART 2:

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| | Reviewer's comment | Author's comment <i>(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)</i> |
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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| Name: | Kenne Tene Lacatuce |
| Department, University & Country | University of Dschang, Cameroon |