

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_129192
Title of the Manuscript:	LULC impacts on NDVI and LST: A case study on Jashore District, Bangladesh
Type of the Article	

PART 1: Comments

	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	It addresses a critical gap in the study of land use and land cover (LULC) changes in Bangladesh, leveraging geospatial analysis over a two-decade period. By integrating open-source Landsat data with GIS and NDVI analyses, it offers a detailed assessment of dynamic LULC transitions and their environmental implications. The findings, including the decline in vegetation cover and its correlation with land surface temperature (LST), provide valuable insights for understanding the impacts of urbanization and climate change. This study serves as a crucial resource for sustainable land management and environmental conservation strategies in the region	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	1. The abstract lack the method of classification 2. Software used for data processing	
Is the manuscript scientifically, correct? Please write here.	1. Yes 2. Figure 3 the image is not clear if possible replace with clear image or removed 3. Figures 4, 5, 6 and 7 replace with clear image	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	1. most of the citation are old. kindly update the citations with 2023 and 2024 if possible	
Is the language/English quality of the article suitable for scholarly communications?	1. Yes but need improvement	
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)	

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Reviewer Details:

Name:	Eteh Desmond Rowland
Department, University & Country	Niger Delta University, Nigeria