

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_122607
Title of the Manuscript:	Relationship Between Above-Ground Biomass and different Vegetation Indices of Tea Plantation of Alipurduar district, West Bengal, India
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The manuscript is important as it demonstrates the effectiveness of remote sensing in estimating above-ground biomass (AGB) in tea plantations. It provides valuable insights into the relationship between AGB and specific vegetation indices, which can improve biomass estimation accuracy. These findings have significant implications for sustainable plantation management and climate change mitigation.	
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.	Yes	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	The abstract is scientifically sound, accurately summarizing the study's focus on the relationship between above-ground biomass (AGB) and vegetation indices in tea plantations. It effectively reports the methodology, including the use of stratified random sampling, allometric equations for AGB estimation, and various vegetation indices. The findings on the strong correlations between AGB and certain indices are clearly presented, highlighting the study's significance for sustainable management and climate change mitigation.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, the references are sufficient and recent.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	Ensure consistency of the term "above-ground biomass" throughout the manuscript either all lowercase or all uppercase. Choose one format and apply it consistently across the entire document.	

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

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Reviewer Details:

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