Review of: "Modelling and Mapping of Aboveground Carbon of Oluwa Forest Reserve Using LandSat 8 TM and Forest Inventory Data"

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Potential competing interests: No potential competing interests to declare.

The article's approach is very good. Please also include an innovative technology and novelty section in that paper. Some comments are below; they must be included in this article. After all the comments are incorporated, the paper's quality will improve and be ready to publish.

Comments:

1. Define Root Mean Square Error briefly in the Introduction as well as in a separate section.
2. Discuss Carbon Assessment briefly and point-wise in this article, and also include the mathematical equation for carbon assessment.
3. Land Use and Land Cover Maps must be included for the strengthening of that article. Also, define the data processing techniques in that article.
4. Also, include some articles in the reference section related to carbon assessment. They may be as follows:

- Shreyash, N., Sonker, M., Bajpai, S., Tiwary, S. K., Khan, M. A., Raj, S., ... & Biswas, S. (2021). The Review of Carbon Capture-Storage Technologies and Developing Fuel Cells for Enhancing Utilization. Energies 2021, 14, 4978.
- AlZaabi, A., Arif, M., Ali, M., Adila, A., Abbas, Y., Kumar, R. S., ... & Iglauer, S. (2023). Impact of carbonate mineral heterogeneity on wettability alteration potential of surfactants. *Fuel*, *342*, 127819.
- Srivastava, A., Bharadwaj, S., Dubey, R., Sharma, V. B., & Biswas, S. (2022). Mapping vegetation and measuring the performance of machine learning algorithms in LULC classification in a large area using Sentinel-2 and Landsat-8 datasets of Dehradun as a test case. *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, *43*, 529-535.
- Srivastava, A., Umrao, S., & Biswas, S. (2023). Exploring forest transformation by analyzing spatial-temporal attributes of vegetation using vegetation indices. *International Journal of Advanced Computer Science and Applications*, *14*(5).
- Srivastava, A., & Biswas, S. (2023, February). Analyzing land cover changes over Landsat-7 data using Google Earth Engine. In *2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS)* (pp. 1228-1233). IEEE.
- Sharma, V. B., Dubey, R., Bhatt, A., Bharadwaj, S., Srivastava, A., & Biswas, S. (2022). A method for extracting deformation features from terrestrial laser scanner 3D point clouds data in RGIPT building. *The International Archives*

of the Photogrammetry, Remote Sensing and Spatial Information Sciences, *43*, 267-272.

- Dubey, R., Bharadwaj, S., Sharma, V. B., Bhatt, A., & Biswas, S. (2022). Smartphone-based traffic noise mapping system. *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, *43*, 613-620.