Review of: "Open-Source Remote Sensing Determination of Carbon Emissions From Tropical Deforestation Scenarios in Southeast Nigeria"

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Potential competing interests: No potential competing interests to declare.

Congratulations, authors, for submitting the article titled "“Open-Source Remote Sensing Determination of Carbon Emissions From Tropical Deforestation Scenarios in Southeast Nigeria”, and thank editors for giving me an opportunity to review this article.

The author had written somehow to come up with a comprehensive menu script; however, several improvements need to be done before publishing. The comments are attached along with the menu script as supplementary data. The major comments are:

1. The methodology part is not clearly highlighted according to the flow. In the field data collection procedures, the authors collected some dbh data according to some cited documents, but how this field data is used for validation purposes is not mentioned.
2. The author mentioned the online open-source remote sensing data where the Landsat image with spatial resolution 30 by 30 is being used for estimating the canopy level loss and gain in the study area. But how did you incorporate your field dbh information in this online platform, and how did you validate your results? All such information is missing in your methodology sections.
3. In the results section, I recommended to insert some maps showing decline or increase in forest cover at certain intervals in between, since the author has done analysis from 2001-2022.
4. In the discussion section, the authors have highlighted the challenges faced in Nigeria, which is totally not in line with the results sections. Discuss what the reason is for declining or increasing forest carbon or forest cover instead. Of course, some sections are highlighted with. The comments are being attached as a supplementary file.

Finally, I would recommend to publish such articles but they need a major revision before publication.