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

Majid Danesh[1]

1 Sari Agricultural Sciences and Natural Resources University

Potential competing interests: No potential competing interests to declare.

Respected Author(s),

I acknowledge and appreciate the precious work you've done. To enrich and reinforce the scientific quality of the manuscript, I draw your attention to the following tips:

- Please highlight and emphasize the novelty aspect of the research in the abs., introduction, and discussion.

- We all know that soil is a very complex and complicated substance. How could you separate the carbon reflectance features (diagnostic absorption features/spectral characteristic features) from other active constituents? (Please describe the approach in detail.)

- If you could add a clear map and high-resolution sat image of the study area in "Study Area," it would be appreciated.

- In which environment (software(s)) have you done all these steps (RS-GIS)? If you mention their name(s) in the relevant section, it will be very good.

- What spectral preprocessing operations have you done (atmospheric, radiometric, haze, geometric, etc.)? (If any)

- The process of comparisons with other similar works and research strengthens the discussion section from a scientific point of view.

- I simply suggest and recommend that it would be better if you could use other metrics such as bias, RPD, MAE, MBE, and etc. in choosing the optimum spectral indices. In addition, it would be appreciated if you could collect these metrics and parameters in a single/separate table.

And finally, I wish you all the best and hope your new research and manuscripts will come out soon.

Regards,

Majid Danesh

Assistant Prof., Department of Soil Science,

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