

Review of: "Assessing the Forest Transition Hypothesis: Are Deforestation Dynamics Different Across Continents?"

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Potential competing interests: No potential competing interests to declare.

Abstract: The idea of relating the human development index with the forest cover changes instead of temporal remote sensing data is good. Previous studies on forest transition are restricted to geographic or temporal limits, but a study on changes in relation to human development is appreciable.

Introduction: Well-explained references are good and sufficient. The authors have described the forest transition well, but it would be better if they had also mentioned how many years it takes for a transition from one class to another with reference to the present.

Methods: The exploratory analysis, statistical methods, and models chosen for the present study are appropriate.

Data Source: Data such as FAOSTAT-2023, and the quantity of data utilized is good and sufficient.

Exploratory Data Analysis: Drawing the relationship between development and deforestation rate for each continent is appreciable. The results are appreciable. Figures are good at explaining the patterns well.

Regression Model: The application of the regression model is appreciable.

Forest Transition Stages: Explanation about forest transition stages is appreciable.

Results: Results obtained are appropriate.

Deforestation Length: Well defined by using figurative representations. Figures are good and sufficient.

Deforestation Severity: The severity is also explained with the help of figures. References are sufficient.

Discussion: The discussion is good.

Conclusions: The conclusions drawn from the study are good and appropriate.

The entire work is innovative and good; hence, it may be **accepted** for publication following journal norms.