

## REVIEWER'S REPORT

**Manuscript No.: IJAR-58828**

**Title: DEFORESTATION AND CLIMATE CHANGE: ENVIRONMENTAL IMPACTS AND SUSTAINABLE SOLUTIONS**

### Recommendation:

Accept as it is .....

Accept after minor revision.....

**Accept after major revision .....**

Do not accept (*Reasons below*) .....

| Rating         | Excel. | Good | Fair | Poor |
|----------------|--------|------|------|------|
| Originality    |        | X    |      |      |
| Techn. Quality |        |      | X    |      |
| Clarity        |        |      | X    |      |
| Significance   |        |      | X    |      |

**Reviewer's ID: JPR-JPR-171.**

### Detailed Reviewer's Report

This manuscript provides a comprehensive review of deforestation trends and their relationship with climate change, drawing on authoritative sources including FAO assessments and Forest Survey of India data. The paper's strength lies in its extensive compilation of global and India-specific forest statistics, well-presented tables, and graphical analyses. The sections on regional deforestation patterns, India's forest cover trends, and the discussion of sustainable solutions are informative and policy-relevant. However, the manuscript requires substantial revision. The methodology section is problematic while the study is described as using secondary data, it includes correlation and regression analysis without explaining the data sources, time periods, variables, or statistical procedures, creating confusion about whether this is a review or an analytical study. The literature review is overly long and should be condensed to focus on studies directly informing the analysis. The analysis sections are largely descriptive and could benefit from more critical interpretation of the data presented. The conclusion is disproportionately lengthy and repetitive. The paper would be strengthened by a clearer statement of its contribution to existing knowledge and more explicit acknowledgment of limitations (e.g., India's forest cover data limitations regarding ecological quality versus area). The references are extensive but could be better integrated into the text. With revisions restructuring the methodology, condensing the literature review, strengthening critical analysis, and shortening the conclusion, this work will serve as a valuable resource for researchers and policymakers.