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REVIEWER'S REPORT

Manuscript No.: IJAR-56704

Title: GIS-Based Analysis of Sacred Groves connectivity and Fragmentation: Landscape connectivity and corridor identification in Khordha District

Recommendation:

Accept as it is

Accept after minor revision...YES.....

Accept after major revision

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

Rating	Excel.	Good	Fair	Poor
Originality		Yes		
Techn. Quality		Yes		
Clarity			Yes	
Significance		Yes		

Reviewer's ID: JPR-205

Detailed Reviewer's Report

The manuscript titled "GIS-Based Analysis of Sacred Groves Connectivity and Fragmentation: Landscape Connectivity and Corridor Identification in Khordha District" presents a meaningful and well-focused study on an ecologically important topic. The use of GIS and landscape ecology tools to examine fragmentation and connectivity of sacred groves is appropriate and adds strong technical value to the work. The objectives are clearly stated, and the methodology aligns well with the research goals. The study also does a good job of linking scientific analysis with practical conservation needs, particularly by identifying potential ecological corridors and emphasizing the role of community-based management. Overall, the paper contributes useful insights for environmental planning and biodiversity conservation.

At the same time, the manuscript would benefit from some minor revisions to improve its overall presentation and clarity. There are a few issues related to language, grammar, and consistency in writing style that should be addressed through careful editing. The literature review is somewhat limited and could be slightly expanded to better situate the study within existing research. Additionally, some sections, especially parts of the discussion, are a bit repetitive and can be made more concise and focused. Improving reference formatting and ensuring uniform presentation of tables and

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figures will also enhance readability. These are relatively minor concerns, and once addressed, the manuscript will be suitable for publication.