



### REVIEWER'S REPORT

Manuscript No.: IJAR-55137

**Title:** From Policy to Practice- Barriers to Solar Energy Development in Nepal: A Systematic Literature Review

**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 Name: Dr. Hari Prashad Joshi

### *Detailed Reviewer's Report*

Decision: **Accept with minor revisions.**

This systematic review represents a rigorous and valuable scholarly contribution, successfully addressing a critical research gap concerning barriers to solar energy deployment in Nepal. The adherence to PRISMA 2020 guidelines, the robust methodology employing the SPIDER framework and MMAT, and the synthesis of 89 studies yield comprehensive and credible findings. The identification of six primary barrier categories, particularly the temporal analysis linking institutional barriers to federal restructuring, offers significant and timely insights for policymakers. The discussion is well-contextualized within Nepal's impending LDC graduation and regional experiences. To enhance the manuscript's impact prior to final publication, the following minor revisions are suggested:

- In the Results section, please briefly clarify the statistical method used to calculate the confidence intervals in Figure 2 (e.g., Wilson score interval).
- The Discussion of geographic variation (Table 4) could be strengthened by briefly hypothesizing why specific barriers dominate in certain ecological zones (e.g., technical barriers in the Mountain region).
- The conclusion's final paragraph on future research is excellent; consider integrating one of these suggested directions more explicitly into the policy recommendations.
- Please perform a final check to ensure all in-text citations are present in the reference list and that all journal name abbreviations are consistent.

These revisions will further polish an already strong manuscript. Congratulations on this excellent work.