

Review of: "The Application of PROMETHEE with the recalculated weight method as a more accurate measurement for the selection of the best Hybrid Renewable Energy Technology for a slum building"

Aleksandra Bączkiewicz

Potential competing interests: The author(s) declared that no potential competing interests exist.

This paper presents the application of PROMETHEE with recalculated weighting method for selecting the best hybrid renewable Energy technology for a slum building in Nigeria. The contribution of the paper is interesting, and the approach presented in it is novel. However, before publishing, the authors are advised to consider the following major revisions to improve the article.

1. It is recommended to shorten the title.
2. The novelty of the study presented in this article should be better explained in the context of the recent literature.
3. It would be helpful to add a flowchart illustrating the research procedure used in the article.
4. It is recommended to use the term weighting method rather than weighting method.
5. The authors should specify which type of PROMETHEE method they used (for example, PROMETHEE II).
6. The authors should also clarify the name of the preference function used in PROMETHEE (e.g., Usual).
7. The numbering of the tables should be corrected, as there is Table 1 instead of Table 5.
8. The Discussion section should better reflect the novelty of the method used in the article and its benefits compared to other approaches.
9. It is recommended to add a final section entitled Conclusions containing a summary of the work, the main research conclusions, limitations, and directions for future work.
10. Literature references from more than five years ago should be replaced with more recent ones.
11. The References section should have a unified format.