

# Review of: "Water-Energy Nexus in Power Systems: A Review"

Dr. Arsalan Tanveer<sup>1</sup>

<sup>1</sup> Nanjing University of Science and Technology (NJUST)

Potential competing interests: No potential competing interests to declare.

## **Review Report QEIOS ID: SFEDFM**

1. The abstract makes no sense. Which economy did you target for the problem? What data techniques have you applied? How was the data collected? What are the key findings and practical implications held by this study? All the above points are missing in the abstract.
2. What is HE in the first line? Properly mention the full form. First, use the full form, then use the abbreviation.
3. What are the research questions? Provide a proper gap in the study for the present work.
4. Provide a graphical view of the problem in the introduction section.
5. Why are there too many large paragraphs in the study that divert the reviewers' or readers' attention from the topic?
6. The literature review needs a more in-depth study. I recommend the following studies for the enrichment of the present work.

<https://link.springer.com/article/10.1007/s11356-021-14955-7>

<https://link.springer.com/article/10.1007/s11356-021-17099-w>

<https://link.springer.com/article/10.1007/s11356-023-30362-6>

<https://link.springer.com/article/10.1007/s10668-023-04368-6>

<https://journals.sagepub.com/doi/abs/10.1177/0958305X231159439>

<https://www.sciencedirect.com/science/article/pii/S0960148122016159>

<https://www.sciencedirect.com/science/article/pii/S0960148122016159>

1. Why is the life cycle assessment (LCA) model appropriate for the present work? Give proper mathematical equations and provide the authors who initiated the LCA model.
2. Methodology is the novel point and the weakest portion of the study. Properly draw tables and graphs for the methodology section. Provide information for the data variables.

