

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

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**Potential competing interests:** No potential competing interests to declare.

## Introduction:

The contextualization of the interrelation between water and energy is well articulated, offering a seamless flow between paragraphs, ensuring readability and engagement. However, the objectives and research inquiries could benefit from a more explicit and precise description.

## Literature Review:

A. The article refers to a figure (fig.1), yet the provided file lacks this image. It remains unclear whether this omission stems from oversight by the authors or technical issues in the submission process. Therefore, it is imperative to include the figure in the manuscript.

The structured outline detailing the correlation between water and energy is astute, enhancing comprehension. Nonetheless, it's apparent that the authors have engaged with numerous articles, as expected in a review article. However, the methodology for article selection, such as the criteria used or the foundational bases, remains undisclosed. Essentially, what parameters determine an article's inclusion in the authors' review? This aspect lacks clarity.

I recommend perusing the article "The PRISMA 2020 statement: An updated guideline for reporting systematic reviews," despite the research not being a systematic review. This source could provide insight into explaining the criteria behind selecting articles for review, thereby enriching the manuscript. Although the authors highlight prevalent methodologies for analyzing this nexus, the conclusions seem to reiterate prior content without introducing novel insights.

The authors could leverage this comprehensive literature review to identify emerging trends, prevalent methodologies, or countries most frequently researched. Additionally, pinpointing potential research gaps could contribute significantly to further exploration in this essential nexus. While these insights may not represent groundbreaking discoveries, they serve as valuable cues for authors or other researchers seeking to generate more knowledge about this fundamental nexus, crucial for a sustainable future.