

# Review of: "[Review] Optimizing Wastewater Treatment Performance System and Achieving Greater Efficiency to Improve Water Quality for Sustainability — A Review"

Ricardo Soares<sup>1</sup>

<sup>1</sup> Universidade Veiga de Almeida

Potential competing interests: No potential competing interests to declare.

Dear Editor,

First and foremost, I would like to extend my sincere gratitude for inviting me to review the article presented on the platform Qeios. It is always an honour to contribute to the academic community by providing constructive feedback on scholarly works. Having meticulously perused the article, I have compiled a comprehensive review encompassing its strengths, areas of improvement, and potential opportunities for enhancement. I trust that my observations will be taken in the constructive spirit they are intended, and I hope they will assist the authors in refining their manuscript.

## Strengths:

**Thorough Research:** The authors have evidently conducted an extensive literature review, which provides a solid foundation for their study. The references cited are both relevant and recent, showcasing the authors' commitment to staying updated with the latest developments in their field.

**Clear Objectives:** The article's objectives are clearly delineated, providing readers with a lucid understanding of the study's purpose and significance.

**Methodological Rigour:** The methodology section is well-structured and detailed, offering transparency in the research process. This will undoubtedly aid other researchers who wish to replicate or build upon this study in the future.

**Relevant Data Presentation:** The data presented in the article is both pertinent and comprehensive. The use of tables, figures, and charts enhances the readability and comprehensibility of the results.

## Areas of Improvement:

**Abstract Refinement:** While the abstract provides a concise overview of the study, it could benefit from a slight expansion, particularly in elucidating the study's implications and significance.

**Discussion Depth:** The discussion section, although well-written, could delve deeper into the implications of the findings. Drawing more connections between the current study's results and existing literature would provide a richer context.

**Terminology Consistency:** There are a few instances where terminology varies throughout the article. Ensuring consistent use of terms would enhance the article's clarity. **Proofreading:** Minor grammatical and typographical errors are scattered throughout the manuscript. A thorough proofreading would elevate the article's overall quality.

### **Opportunities for Enhancement:**

**Incorporate Broader Perspectives:** The article could benefit from integrating a wider range of perspectives, perhaps by considering interdisciplinary approaches or comparing findings with studies from different cultural or geographical contexts.

**Expand on Limitations:** Every study has its limitations, and acknowledging them not only adds credibility but also provides avenues for future research. The authors might consider dedicating a subsection to discuss potential limitations and their implications.

**Enhance Visual Representations:** While the current visuals are informative, they could be made more engaging with the use of colour or interactive elements, especially if the article is intended for online publication.

In conclusion, the article represents a commendable effort by the authors and contributes valuable insights to its respective field. With the suggested modifications and enhancements, I believe it has the potential to be an influential piece in the academic community.

I appreciate the opportunity to review this work and hope my feedback proves beneficial. Warm regards,

**Dr. Ricardo Soares**

*Coordenador do Mestrado Profissional em Ciências do Meio Ambiente*

Universidade Veiga de Almeida (UVA)

Pró-Reitoria de Pós-Graduação, Pesquisa, Extensão e Inovação

Rua Ibituruna, 108, Tijuca

E-mail: Ricardo.Souares@uva.br

Cel: +55 (21) 98102-4354

[www.uva.br](http://www.uva.br)

