

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_125054
Title of the Manuscript:	STUDY OF SOME PHYSICO-CHEMICAL PARAMETERS OF WATER TREATED BY ACTIVATED CARBON BASED ON RONIER FIBRE
Type of the Article	

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript is significant for the scientific community because it addresses crucial issues related to water treatment and the development of sustainable filtration solutions, particularly for rural populations facing challenges with access to clean drinking water. The study's focus on utilizing palmyra fibers for activated carbon presents an innovative, eco-friendly approach to water purification, offering potential for broader applications in developing regions. I appreciate the manuscript for its practical relevance, clear methodology, and the promising results it presents, contributing to both environmental sustainability and public health. However, a deeper analysis of long-term filter performance could strengthen the manuscript's findings.	
Is the title of the article suitable? (If not please suggest an alternative title)	I would suggest an alternative title like: " Sustainable Water Treatment Using Palmyra Fiber-Based Activated Carbon: A Solution for Rural Communities ". This title highlights both the eco-friendly filtration method and its application to rural areas, making the focus of the research more apparent to potential readers.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Yes, the abstract of the article is comprehensive. It provides a clear overview of the study's objectives, methods, and key findings.	
Are subsections and structure of the manuscript appropriate?	The subsections and structure of the manuscript are appropriate. They help organize the content effectively and make it easy to follow.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This manuscript demonstrates scientific correctness through its rigorous methodology and comprehensive analysis of water treatment using activated carbon derived from palmyra fibers. The study employs established techniques for assessing physicochemical parameters and effectively presents the data to support its findings. Additionally, the thorough examination of nutrient evolution and the use of statistical analyses bolster the reliability of the results.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	The references in the manuscript appear to be sufficient and relevant to the study; however, the inclusion of more recent studies could enhance the literature review and provide a broader context for the research. It may be beneficial to add recent articles on water purification technologies, particularly those focusing on sustainable materials and methods, to underscore the significance of the research	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The article is written in clear English. English is not my native language, so it is challenging for me to judge its perfection.	
Optional/General comments	You should pay attention to the correctness of the literature formatting. Bring the formatting to a single style.	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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