

Review Form 3

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_123693
Title of the Manuscript:	Modeling Heat and Mass Transfer in a Wet Terracotta Tube Channel for Evaporative Cooling Application: Influence of geometrical parameters
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	Yes. I like the manuscript The manuscript provides new idea for the energy efficiency which is very much needed now a days Idea of using terracotta is new and the mathematical model used may be used in many future research Method not only uses the different approach but uses the mathematical model and the software to analyze the data	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes.	
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. May be added some real life application which is beneficial according to this idea.	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	Basic governing equations are very well explained step by step. Basic flowchart of computer program is explained and algorithm too. Results are compared with the existing result which do not vary much. Interpretation of results are explained by quoting the reference is very much appreciable.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	Yes. But recent references, i.e., from 2022 to 2024, authors mentioned only 5 references, which is some what not enough. If the authors include nearly 10 references in the last 3 years will be good.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	It is fair enough but it can still improve.	
Optional/General comments	Highly recommend	

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?	<u>(If yes. Kindly please write down the ethical issues here in details)</u>	

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Reviewer Details:

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