

Review Form2

Book Name:	Current Research Progress in Physical Science
Manuscript Number:	Ms_BPR_2272
Title of the Manuscript:	Effect of top cover material on productivity of solar distillation unit
Type of the Article	Book Chapter

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 minimumof 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Are subsections and structure of the manuscript appropriate?		
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 minimumof 3-4 sentences may be required for this part.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :		

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	This work addresses an important challenge in providing clean drinking water to coastal villages in Bangladesh through the design of a cost-effective and simple domestic-scale solar water distillation device. The study explored the feasibility of using a stretched transparent PVC cover as an alternative to the traditionally used glass sheet in solar distillation devices. The manuscript requires revisions before it can be published. Therefore, the work can be accepted after incorporation of the following points in the revised manuscript: 1. The use of academic English should be reviewed in terms of vocabulary and grammar. 2. At the ending of the introduction, what makes this study valuable, the importance of the study and its contribution to literature should be emphasized. 3. To enrich the introduction section, add following articles: • https://doi.org/10.1016/j.est.2020.101541 • https://doi.org/10.1016/j.desal.2018.02.026 • https://doi.org/10.1016/j.energy.2018.07.083 • https://doi.org/10.1016/j.est.2020.101874 • https://doi.org/10.1016/j.csite.2024.104847 • Conventional Solar Still Augmented with Saltwater Bottles: An Experimental Study 4. In the material and method section, a scaled image of the device should be given. More detailed information can be given about top coverings. 5. Perform uncertainty analysis and report in the article. You can take references of the following articles: • http://doi.org/10.26480/itechmag.06.2024.01.05 • https://doi.org/10.1186/s42834-024-00210-4 • https://doi.org/10.1016/j.solener.2024.112408 6. Limits on the use of the apparatus should be specified. 7. In the results section, the effect of parameters such as radiation, temperatures, evaporation rate on the main objective of obtaining water from atmospheric air should be clearly demonstrated and explained for this system. 8. Add future aspects of the work done, at the end of conclusion.	

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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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