

[ReviewForm3](#)

JournalName:	<a href="#">AsianJournalofAdvancedResearchandReports</a>
ManuscriptNumber:	Ms_AJARR_121443
TitleoftheManuscript:	DesignSustainabilityofSolarWaterHeatingSystems
TypeoftheArticle	Research

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**PART1:Review Comments**

<b>Compulsory</b> REVISIONcomments	<b>Reviewer'scomment</b>	<b>Author'sFeedback</b> (Pleasecorrectthemanuscriptandhighlightthatpartinthemanuscript.Itismandatorythatauthorsshouldwritehis/herfeedbackhere)
<p><b>Please write a few sentences regarding the importance ofthismanuscriptforthescientificcommunity.Whydo youlike(ordislike)thismanuscript?Aminimum of3-4 sentences may be required for this part.</b></p>	<p>Themanuscriptpresentsaninnovativeapproachtoevaluatingthesustainabilityofsolarwaterheatingsystems (SWHSs) using a fuzzified multi-criteria decision model (MCDM). However, several major revisions are necessary as mentioned at the end of this report.</p>	
<p><b>Isthetitleofthearticle suitable? (Ifnotpleasesuggestanalternativetitle)</b></p>	<p>Reconsiderthetitleandmakeitinformativeaboutyourwork</p>	
<p><b>Is the abstract of the article comprehensive? Do you suggesttheaddition(ordeletion)ofsomepointsinthis section? Please write your suggestions here.</b></p>	<p>Rewritetheabstractandmentionthecriticaloutcomesofthestudywithbenefitsandbeneficiaries.</p>	
<p><b>Aresubsectionsandstructureofthemanuscript appropriate?</b></p>	<p>yes</p>	
<p><b>Please write a few sentences regarding the scientific correctnessofthismanuscript.Whydoyouthinkthat thismanuscriptisscientificallYROBUSTandtechnically sound? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>severalmajorrevisionsarenecessary asmentionedattheendofthisreport.</p>	
<p><b>Arethereferencesufficientandrecent?Ifyouhavesuggestions of additional references, please mention them in the review form.</b> -</p>	<p>Theauthorisadvisedtousethelatestreferenceswithin4-5yearstomakethisworkinnovativeandconsiderable.</p>	

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<p>Minor REVISION comments</p> <p><b>Isthe language/English quality of the articles suitable for scholarly communications?</b></p>	<p>yes</p>	
<p>comments</p>	<p>The manuscript presents an innovative approach to evaluating the sustainability of solar water heating systems (SWHSs) using a fuzzified multi-criteria decision model (MCDM). However, several major revisions are necessary:</p> <ol style="list-style-type: none"> <li>1. The article attempts to cover multiple objectives, but the literature review is fragmented. To enhance clarity, segregate the literature under separate subheadings that align with different objectives. This will improve readability and coherence.</li> <li>2. Clearly outline the novelty of your study and explicitly state how it addresses existing research gaps. Provide a detailed table of literature review and research gaps, and indicate how your study fills these gaps. This will strengthen the justification for your research. Specifically, cite the related literature 10.1051/e3sconf/202454703026</li> <li>3. Discuss the validation method employed for your findings. Without this, the reliability of your results is unclear.</li> <li>4. Clearly define your research hypothesis and questions. This will help in framing your study and guiding the reader through your analysis.</li> <li>5. Elaborate on the benefits of your research and suggest future research directions. This will provide a comprehensive view of the study's impact and potential for further exploration.</li> <li>6. You have utilized data from images (Figure 1) and tables (Table 1) sourced from other literature. Ensure all data sources are properly cited. Use some reference images in introduction</li> <li>7. The current literature review is insufficient. Rewrite it to clearly present earlier studies, their outcomes, and the gaps they left. This will better position your study within the existing body of research.</li> <li>8. The results and discussion section is missing. Include this critical section to interpret your findings, compare them with previous studies, and discuss their implications.</li> <li>9. There is no citation for the equations used. Provide appropriate references to ensure the accuracy and credibility of your methodological approach.</li> </ol>	

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (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)</p>
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

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