Journal Name:	**Physical Science International Journal**
Manuscript Number:	**Ms_PSIJ_44760**
Title of the Manuscript:	**INVESTIGATION OF THE PERFORMANCE OF PHOTOVOLTAICS INSTALLED CLOSE TO A RIVER**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
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<mark>PART 1:</mark> **Review Comments**

	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)*
Compulsory REVISION comments	1. The paper is easy to understand but not clean with regard to language and grammatical errors. I propose to the authors to correct and edit the paper including abstract and conclusion. 2. To avoid providing similar info in a table form (as you provide it in Table 1) and then plotting the same data in various figures, I suggest summarizing your data in Table 1 by providing Maximum, Minimum, Median, Average, and Standard Deviation for the entire data (Summary). It is also important to consider solar radiation as it is the main factor affecting the performance of solar panel. You may collect the data from meteorological station. Without knowledge of the variation of solar radiation over time, all the information linked to air temperature and relative humidity may not be correct. 3. Kindly consider investigating the variation of air temperature vs the variation of relative humidity by using regression analysis. This is important prior addressing the effect of these two parameters on the performance of solar panel. 4. The scientific level of the paper is not acceptable. Lack of statistical knowledge in the interpretation of the results leaded to wrong statements. For instance there is a clear distinction between regression analysis and causality. So, it is very important to refer to statistical book or paper while correcting your paper to avoid unnecessary statements and reduce obvious mistakes. When using regression model, provide at least the correlation coefficient and the P-Value. 5. Kindly, provide a short description of the climate type of the location under investigation. 6. Figure 2 looks unnecessary as it shows mostly the components of an off grid solar panel. 7. Fig. 3, Fig. 4, Fig. 7 and Fig. 8 all look unnecessary. 8. Kindly compare your results with other researchers' works to explain or justify your results 9. Given it is widely known that air temperature affects the performance of solar panel. I highly recommend to organize the information in your paper by starting with solar radiation first, air temperature next, and relative humidity last. It is also recommended to describe the overall wind condition of the location during your investigation.	
Minor REVISION comments	I recommend providing references for Eq.3 to Eq. 5. You may also add short explanation about the importance of these equations in your study.	
Optional/General comments	This is an interesting topic on the performance of solar panel due to air and surface temperatures and relative humidity. There are few issues associated with the manuscript as provided in reviewer comments.	

<mark>PART 2:</mark>

	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)*	

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