

## Review Form 1.7

Journal Name:	Journal of Geography, Environment and Earth Science International
Manuscript Number:	Ms_JGEESI_99708
Title of the Manuscript:	EXPERIMENTAL STUDY CORROSION PARAMETERS OF COPPER AS AN ECO-FRIENDLY HEAT COLLECTOR FOR SOLAR WATER HEATERS
Type of the Article	Data 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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalgeesi.com/index.php/JGEESI/editorial-policy> )

### PART 1: 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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>1. The manuscript is about investigating copper corrosion in a solar heater equipment. It is important for scientific community. However, there are still some unclear sentences that need to be rewritten. Please write a clear statement about: "The geometry of a solar collector is such as to encourage local cell effects which may lead to localized corrosion or pitting should copper be susceptible to, pitting in solar collectors, corrosion damage becomes more pronounced and estimates based on weight-loss techniques become grossly misleading"</p> <p>2. The title is already suitable.</p> <p>3. The abstract must contains background, aim, methods, results and discussion, and conclusions.</p> <p>4. Subsections and structure of the manuscript are appropriate. Still, there are some corrections. The numbering of sections and subsections of the manuscript must be corrected. Figure 1 and Table 1 cannot be read clearly. All equations must be numbered appropriately. Some typos must be fixed, such as: <b>putting</b> took place on the copper sample, etc.</p> <p>5. The manuscript is scientifically correct.</p> <p>6. Some recent references are necessary to be added.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	The language/English quality is suggested to be improved	
<p><b>Optional/General</b> comments</p>	The manuscript is worth to be published with some corrections.	

### 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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p>(If yes, Kindly please write down the ethical issues here in details)</p>	

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**Reviewer Details:**

Name:	<b>Ayong Hiendro</b>
Department, University & Country	<b>Tanjungpura University, Indonesia</b>