

# Correspondence Editor and Author

## **Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison**

**Bahtiar<sup>1</sup>, Muhammad Zohri<sup>2</sup>, Ahmad Fudholi<sup>3</sup>**

<sup>2,3</sup>Solar Energy Research Institute, The National University of Malaysia, Malaysia

<sup>1,2</sup>Department of Physics Education, Universitas Islam Negeri Mataram, Indonesia

## Editor/Author Correspondence

Editor Subject: [IJEECS] Editor Decision "Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison" [DELETE](#)  
2020-03-15

04:35 AM

The following message is being delivered on behalf of Indonesian Journal of Electrical Engineering and Computer Science.

Dear Prof/Dr/Mr/Mrs: Muhammad Zohri,

We have reached a decision regarding your paper submission entitled "Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison" to Indonesian Journal of Electrical Engineering and Computer Science, a Scopus indexed journal (SJR 2017: 0.182, Q3 on Electrical and Electronic Engineering, Q3 on Computer Networks and Communications, Q3 on Hardware and Architecture, Q3 on Signal Processing)..

**Our decision is: Revisions Required.**

Authors should have made substantial contributions. Read the checklist for preparing your final paper for publication at:

<http://ijeecs.iaescore.com/index.php/IJEECS/about/editorialPolicies#custom-3>. Please try to follow the format as closely as possible.

For ORIGINAL/RESEARCH PAPER, the paper should be presented with IMRaD model:

1. Introduction (I)
2. The Proposed Method/Algorithm/Procedure specifically designed (optional). Authors may present complex proofs of theorems or non-obvious proofs of correctness of algorithms after introduction section (obvious theorems & straightforward proofs of existing theorems are NOT needed).
3. Method (M)
4. Results and Discussion (RaD)
5. Conclusion.

A high quality research paper MUST has:

- (1) a clear statement of the problem the paper is addressing;
- (2) the proposed solution(s); and
- (3) results achieved. It describes clearly what has been done before on the problem, and what is new.

The goal of this revision is to describe NOVEL TECHNICAL RESULTS. There are four (4) types of technical results:

- (a) A theory: consisting of a collection of theorems.
- (b) An algorithm/method/approach/framework/ .... ;
- (c) A system construct: such as hardware design, software system, protocol, etc.; The main goal of your revised paper is to ensure that the next person who designs a system like yours doesn't make the same mistakes and takes advantage of some of your best solutions. So make sure that the hard problems (and their solutions) are discussed and the non-obvious mistakes (and how to avoid them) are discussed.
- (d) A performance evaluation: obtained through analyses, simulation or measurements;

Please state your technical result (one of the four types of technical results above) in your paper.

(d) A performance evaluation: obtained through analyses, simulation or measurements;  
Please state your technical result (one of the four types of technical results above) in your paper. We will usually expect a minimum of 25 references primarily to journal papers, depending on the length of the paper (number of minimum references =  $2n+10$ ,  $n$ =page length). Citations of textbooks should be used very rarely and citations to web pages should be avoided. All cited papers should be referenced within the text of the manuscript.

For REVIEW PAPERS, the paper should present a critical and constructive analysis of existing published literature in a field, through summary, classification, analysis and comparison. The function and goal of the review paper is:

- 1) to organize literature;
- 2) to evaluate literature;
- 3) to identify patterns and trends in the literature;
- 4) to synthesize literature; or
- 5) to identify research gaps and recommend new research areas.

The structure of a review paper includes:

1. Title – in this case does not indicate that it is a review article.
2. Abstract – includes a description of subjects covered.
3. Introduction includes a description of context (paragraph 1-3), motivation for review (paragraph 4, sentence 1) and defines the focus (paragraph 4, sentences 2-3)
4. Body – structured by headings and subheadings
5. Conclusion – states the implications of the findings and identifies possible new research fields
6. References ("Literature Review") – organised by number in the order they were cited in the text.

Number of minimum references for review paper is 50 references (included minimum 40 recently journal articles).

Please submit your revised paper in MS Word file format (or LATEX source files; ZIP your files if you present your paper in LaTeX), refer materials at: <https://bit.ly/35R6JTz> and <https://bit.ly/2DxU9MI> for further guidelines, and submit revised paper within 8 weeks through our online system at same ID number (NOT as new submission) on Tab "Review" as "Author Version" file.

Then, your revised paper will be judged for final decision of acceptance or rejection.

I look forward to hearing from you

Thank you

Best Regards,  
T. Sutikno  
Editor, IJECS  
[ijeecs.iaes@gmail.com](mailto:ijeecs.iaes@gmail.com)

-----  
Update your metadata in our online system as per your revised paper:

- Authors name are presented without salutation
- Authors Name are presented Title Case (ex: Michael Lankan, NOT --> michael lankan, NOT --> MICHAEL LANKAN). Add all authors of your paper

Update your metadata in our online system as per your revised paper:

- Authors name are presented without salutation
- Authors Name are presented Title Case (ex: Michael Lankan, NOT --> michael lankan, NOT --> MICHAEL LANKAN). Add all authors of your paper
- Title of paper (ex: Application of space vector .... , NOT --> APPLICATION OF SPACE VECTOR ....)
- Abstract

-----

In preparing your revised paper, you should also pay attention to:

#### 1. ABSTRACT

Prepare your abstract in single paragraph and within 200 words (and min 150 words in length). You need to summarize your contribution, idea, findings/results, and describe implications of the findings. Without abbreviations, footnotes, or references. Without mathematical equations, diagram or tabular material. It is suggested to present your abstract included the elements: 1) state the primary objective of the paper; 2) highlight the merits (or contribution; 3) give a conceptual idea on the method; 4) describe the research design and procedures/processes employed (is it simulation, experimental, survey etc.); 5) give the main outcomes or results, and the conclusions that might be drawn; and 6) include any implications for further research or application/practice, if any.

#### 2. Introduction section

Explain the context of the study and state the precise objective

An Introduction should contain the following three parts:

- Background: Authors have to make clear what the context is. Ideally, authors should give an idea of the state-of-the art of the field the report is about.
- The Problem: If there was no problem, there would be no reason for writing a manuscript, and definitely no reason for reading it.

So, please tell readers why they should proceed reading. Experience shows that for this part a few lines are often sufficient.

- The Proposed Solution: Now and only now! - authors may outline the contribution of the manuscript. Here authors have to make sure readers point out what are the novel aspects of authors work. Authors should place the paper in proper context by citing relevant papers. At least, 8 references (recently journal articles) are cited to support this section.

#### 3. Results and Discussion

The presentation of results should be simple and straightforward in style. This section reports the most important findings, including results analyses as appropriate and comparisons to other research results. This section should be supported suitable references.

#### 4. Conclusion

Your conclusion should make your readers glad they read your paper. Summarize sentences the primary outcomes of the study in a paragraph (NOT in numbering).

#### 5. References and Citations

In the IAES referencing style, a number [X] is inserted at the point in your writing where you cite another author's work. At the end of your work, the full reference [X] of the work is provided. Citations and their corresponding references are provided in the order they appear throughout your writing. IAES in-text citations consist of numbers provided in square brackets, which correspond to the appropriate sources in the reference list at the end of the paper. The in-text

### 5. References and Citations

In the IAES referencing style, a number [X] is inserted at the point in your writing where you cite another author's work. At the end of your work, the full reference [X] of the work is provided. Citations and their corresponding references are provided in the order they appear throughout your writing. IAES in-text citations consist of numbers provided in square brackets, which correspond to the appropriate sources in the reference list at the end of the paper. The in-text citations numbers start at [1] and continue in ascending order throughout the paper – unless you are referring to a source you have already cited in your text, in which case you can use the previously assigned number.

6. To enrich your references and improve your paper, we suggest your paper is integrated with not less than three (3) published papers in the below journals:

- <http://journal.uad.ac.id/index.php/telkomnika>
- <http://ijece.iaescore.com>
- <http://ijeecs.iaescore.com>
- <http://beei.org>
- <http://ijict.iaescore.com>
- <http://ijra.iaescore.com>
- <http://ijres.iaescore.com>
- <http://ijape.iaescore.com>
- <http://ijpeds.iaescore.com>
- <http://ijai.iaescore.com>

### 7. Paragraph

-----  
A paragraph is a sentence or group of sentences that support one main idea. Many authors have presented paragraphs in very long terms. Author should use simple sentences which are grammatically correct, but too many can make your writing less interesting.

Every paragraph in a paper should be:

- Unified: All of the sentences in a single paragraph should be related to a single controlling idea (often expressed in the topic sentence of the paragraph).
- Clear: The sentences should all refer to the central idea of the paper.
- Coherent: The sentences should be arranged in a logical manner and should follow a definite plan for development.
- Well-developed: Every idea discussed in the paragraph should be adequately explained and supported through evidence and details that work together to explain the paragraph's controlling idea.

::-----:~::~  
::---- Our 2020 next events: ----:~::~  
::~-----:~::~

\* 2020 1st Conference on Internet of Things and Embedded Intelligence (CITEI 2020)  
Venue: Yogyakarta, Indonesia on July 29-30, 2020  
Website: <http://citei.intconference.org>  
Paper submission: <https://edas.info/N27031>  
Deadline: February 20, 2020

\* 2020 2nd ADICS Int Conference on Engineering, Science and Information Technology

::-----:~::~  
::----- Our 2020 next events: -----:~::~  
::-----:~::~

\* 2020 1st Conference on Internet of Things and Embedded Intelligence (CITEI 2020)  
Venue: Yogyakarta, Indonesia on July 29-30, 2020  
Website: <http://citei.intconference.org>  
Paper submission: <https://edas.info/N27031>  
Deadline: February 20, 2020

\* 2020 2nd ADICS Int Conference on Engineering, Science and Information Technology  
Venue: Yogyakarta, Indonesia on August 26-27, 2020  
Website: <http://esit.intconference.org>  
Paper submission: <https://edas.info/N27091>  
Deadline: March 20, 2020

\* 2020 7th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI 2020)  
Venue: Yogyakarta, Indonesia on September 23-25, 2020  
Website: <http://eecs.org/2020/>  
Paper submission: <https://edas.info/N27101>  
Deadline: April 15, 2020

\* 2020 3rd International Conference and Workshop on Telecommunication, Computing, Electrical, Electronics and Control (ICW-TELKOMNIKA 2020)  
Venue: Yogyakarta, Indonesia on November 19-21, 2020, 2020  
Website: <http://icw.telkomnika.com>  
Paper submission: <http://journal.uad.ac.id/index.php/TELKOMNIKA> (section ICW...)  
Deadline: June 15, 2020

=====

---

Indonesian Journal of Electrical Engineering and Computer Science  
<http://ijeecs.iaescore.com>

Author Subject: Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison [DELETE](#)

2020-03-16 03:29 PM

---

The following message is being delivered on behalf of Indonesian Journal of Electrical Engineering and Computer Science.

---

Indonesian Journal of Electrical Engineering and Computer Science  
<http://ijeecs.iaescore.com>

Editor Subject: [IJEECS] Editor Decision "Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison" [DELETE](#)

2020-03-17 07:58 AM

---

The following message is being delivered on behalf of Indonesian Journal of Electrical Engineering and Computer Science.

Indonesian Journal of Electrical Engineering and Computer Science  
<http://ijeecs.iaescore.com>

Editor Subject: [IJEECS] Editor Decision "Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison" [DELETE](#)  
2020-03-17

07:58 AM The following message is being delivered on behalf of Indonesian Journal of Electrical Engineering and Computer Science.

-- Please adhere to every detail of the guide of authors <http://iaescore.com/gfa/ijeecs.docx>  
-- Original research paper: Minimum 25 references primarily to journal papers  
-- Review/Survey paper: Minimum 50 references primarily to journal papers  
-----

Dear Prof/Dr/Mr/Mrs: Muhammad Zohri,

It is my great pleasure to inform you that your paper entitled "Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison" is accepted and will be published on the Indonesian Journal of Electrical Engineering and Computer Science, a Scopus indexed journal (CiteScore 2018: 0.97, SNIP 2018: 0.724, SJR 2018: 0.238, Q3 on Electrical and Electronic Engineering, Q3 on Computer Networks and Communications, Q3 on Hardware and Architecture, Q3 on Signal Processing, and Q3 on Control and Optimization). Congratulations!

Please prepare your final camera ready paper (in MS Word file format) adheres every detail of the guide of authors (<http://iaescore.com/gfa/ijeecs.docx>), and check it for spelling/grammatical mistakes. We will usually expect a minimum 25 references primarily to journal papers.

Original/Research paper should be presented with IMRaD model:

1. Introduction
2. The Proposed Method/Algorithm/Procedure specifically designed (optional). Authors may present complex proofs of theorems or non-obvious proofs of correctness of algorithms after introduction section (obvious theorems & straightforward proofs of existing theorems are NOT needed).
3. Research Method
4. Results and Discussion
5. Conclusion.

The goal of this camera ready paper is to describe NOVEL TECHNICAL RESULTS. There are four (4) types of technical results:

1. A theory: consisting of a collection of theorems.
  2. An algorithm/method/approach/framework/ .... ;
  3. A system construct: such as hardware design, software system, protocol, etc.; The main goal of your revised paper is to ensure that the next person who designs a system like yours doesn't make the same mistakes and takes advantage of some of your best solutions. So make sure that the hard problems (and their solutions) are discussed and the non-obvious mistakes (and how to avoid them) are discussed.
  4. A performance evaluation: obtained through analyses, simulation or measurements;
- Please state your technical result (one of the four types of technical results above) in your paper.

-->>>> <<<<<----

In order to cover part of the publication cost, each accepted paper is charged: USD 265 (~IDR 3900K)



in:sent

Compose

Inbox

Starred

Snoozed

Sent

Drafts

Muhammad

No recent chats  
Start a new one



11 of 310

### [IJEECS] Editor Decision "Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison"



**Tole Sutikno** <ijeeecs@iaescore.com>  
to me, Bahtiar, Ahmad

Tue, Mar 17, 3:58 PM

The following message is being delivered on behalf of Indonesian Journal of Electrical Engineering and Computer Science.

- Please adhere to every detail of the guide of authors  
<http://iaescore.com/gfa/ijeeecs.docx>
- Original research paper: Minimum 25 references primarily to journal papers
- Review/Survey paper: Minimum 50 references primarily to journal papers

Dear Prof/Dr/Mr/Mrs: Muhammad Zohri,

It is my great pleasure to inform you that your paper entitled "Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison" is accepted and will be published on the Indonesian Journal of Electrical Engineering and Computer Science, a Scopus indexed journal (CiteScore 2018: 0.97, SNIP 2018: 0.724, SJR 2018: 0.238, Q3 on Electrical and Electronic Engineering, Q3 on Computer Networks and Communications, Q3 on Hardware and Architecture, Q3 on Signal Processing, and Q3 on Control and Optimization). Congratulations!



# Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison

**Bahtiar<sup>1</sup>, Muhammad Zohri<sup>2</sup>, Ahmad Fudholi<sup>3</sup>**

<sup>2,3</sup>Solar Energy Research Institute, The National University of Malaysia, Malaysia

<sup>1,2</sup>Department of Physics Education, Universitas Islam Negeri Mataram, Indonesia

Comments Chief Editor	Our Revisions
1. ABSTRACT	The photovoltaic technology has been promising for developing in the last decade, the energy alternative with renewable energy such as photovoltaic technology has made to fight climate change by invention and funding worldwide.
2. Introduction section	In line 61-65 : Many types of research in previous studies designated just experimental indoor or outdoor approach. The validation indoor with the outdoor approach is very significant and low cost to confirm between them. The references explained upstairs determines the importance of the study designated in this manuscript. To collecting information accurately about the research, the outdoor approach has to design to define the change parameters and noise of the PVT system.
3. Results and Discussion	In line 94-101 : Figure 2 displays the mass flow rate and exergy distribution with two established systems. The parameters that are chosen to comparison purpose are the same value, such as mass flow rate and solar intensity. The mass flow rate is from 0.01 to 0.05, and solar intensity is 820 W/m <sup>2</sup> . The studying between indoor and outdoor comparison is crucial to discover the essential attention for assembly the indoor and outdoor condition closed. The effort to harvest the solar intensity and mass flow rate and other parameters such as inlet temperature, outlet temperature, ambient temperature, is difficult in this comparison. The likenesses of parameters and variables of indoor and outdoor approach completed the measurements for the outdoor approach behind the nearness and representation in the archived outcome
4. Conclusion	In line 133-135 : The experimental with the indoor approach under solar simulator is used to control some parameters while learning the influence of others. The correctness under solar simulator outcomes is contingent on the technique used to epitomize a specific consequence