

IC-EMAMM 2021 submission 13

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IC-EMAMM 2021 <icemamm2021@easychair.org>
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Sat, Oct 9, 2021, 9:15 PM ☆ ↶ ⋮

Dear authors,

We received your submission to IC-EMAMM 2021 (International Conference on Energy, Manufacture, Advanced Material and Mechatronics 2021):

Authors : Anak Agung Ngurah Gde Sapteka, Anak Agung Ngurah Made Narottama, Kadek Amerta Yasa, I Made Purbhawa, I Ketut Suryawan and I Gusti Agung Gede Wiadnyana

Title : The Uses of Lorentzian Peak Function for Solar Energy Projection at Badung Regency, Bali Province
Number : 13

The submission was uploaded by Anak Agung Ngurah Gde Sapteka <sapteka@pnb.ac.id>. You can access it via the IC-EMAMM 2021 EasyChair Web page

<https://easychair.org/conferences/?conf=icemamm2021>

Thank you for submitting to IC-EMAMM 2021.

Best regards,
EasyChair for IC-EMAMM 2021.

IC-EMAMM Abstract Check

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Sun, Oct 24, 2021, 3:59 PM ☆ ↶ ⋮

Dear Anak Agung Ngurah Gde Sapteka,

Good day,

Our Editor has done Grammarly Checker on your abstract for IC-EMAMM 2021. Please find the result in this link below:

https://drive.google.com/drive/folders/1ukTcnV8aPWSbR3zaJ0lqA_tj4J_CEErv?usp=sharing

Please find the grammar suggestion for your abstract and correct your abstract to fulfill standard 150-250 words if necessary. The Letter of Acceptance will send to you after a general check from our team.

With my best regards,

Azwar Hayat, Ph.D
Publication Chair
IC-EMAMM 2021

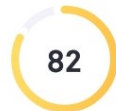
Submission 13

by pkyzb

General metrics

1,146	185	8	44 sec	1 min 25 sec
characters	words	sentences	reading time	speaking time

Score



This text scores better than 82% of all texts checked by Grammarly







Writing Issues

13	4	9
Issues left	Critical	Advanced

Plagiarism

-  This text seems 100% original. Grammarly found no matching text on the Internet or in ProQuest's databases.

Writing Issues

6	Correctness	
1	Comma misuse within clauses	
3	Determiner use (a/an/the/this, etc.)	
2	Punctuation in compound/complex sentences	
6	Clarity	
5	Passive voice misuse	
1	Wordy sentences	
1	Engagement	
1	Word choice	

Unique Words

44%

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unique words

Rare Words

22%

Measures depth of vocabulary by identifying words that are not among the 5,000 most common English words.

rare words

Word Length

5

Measures average word length

characters per word

Sentence Length

Measures average sentence length

23.1

words per sentence

Submission 13

This study uses primary data from Lutron SPM-1116SD solar power meter at two locations, i.e., Buduk Village, Mengwi District ¹ and Bongkasa Pertiwi Village, Abiansema District. These two locations are in Badung Regency, Bali Province. Primary data collection ² was carried out from September 2020 to March 2021, at which time the sun moved from equator ³ to December ⁴ equinox and returned to equator ⁵. The two solar power meters ⁶ are placed on a horizontal surface. The results of primary data from the two solar power meters are then selected every month and processed to obtain the solar energy value ⁷ and fitting is ⁸ carried out using the Lorentzian peak function. From the fitting ⁹ result, the calculation of solar energy value ¹⁰ is also carried out, which is ¹¹ then compared with the primary data of solar energy value using the statistics of two samples ¹² Kolmogorov-Smirnov. At the 0.05 level, there is no significant difference between the primary data of solar energy value compared with solar energy fitting value. Thus the Lorentzian peak function can ¹³ be used to project the solar energy value from September to March at Badung Regency, Bali Province.

1.	, and	Comma misuse within clauses	Correctness
2.	<i>was carried out</i>	Passive voice misuse	Clarity
3.	the equator	Determiner use (a/an/the/this, etc.)	Correctness
4.	the December	Determiner use (a/an/the/this, etc.)	Correctness
5.	the equator	Determiner use (a/an/the/this, etc.)	Correctness
6.	<i>are placed</i>	Passive voice misuse	Clarity
7.	, and	Punctuation in compound/complex sentences	Correctness
8.	<i>is carried out</i>	Passive voice misuse	Clarity
9.	fitting $\hat{\alpha}$ relevant	Word choice	Engagement
10.	<i>is also carried out</i>	Passive voice misuse	Clarity
11.	<i>is then compared</i>	Passive voice misuse	Clarity
12.	, Kolmogorov-Smirnov	Punctuation in compound/complex sentences	Correctness
13.	be used to	Wordy sentences	Clarity

IC-EMAMM 2021 submission 13 update External [Inbox x]



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Fri, Nov 5, 2021, 9:29 PM ☆ ↶ ⋮

Dear authors,

we acknowledge that we received new files for your IC-EMAMM 2021 submission. The information about this update is shown below.

Number: 13

Authors: Anak Agung Ngurah Gde Sapteka, Anak Agung Ngurah Made Narottama, Kadek Amerta Yasa, I Made Purbhawa, I Ketut Suryawan and I Gusti Agung Gede Wiadnyana

Title: The Uses of Lorentzian Peak Function for Solar Energy Projection at Badung Regency, Bali Province

Uploaded by: Anak Agung Ngurah Gde Sapteka <sapteka@pnb.ac.id>

Updates:

paper, version 2 (949489 bytes)

To access the new version of your submission you should log in to the IC-EMAMM 2021 EasyChair page.