



Bashir Kareem <bashir.kareem@epu.edu.iq>

【Clean_Energy_Science_and_Technology】 #177_Article_Review_Request

7 messages

Pandora Kuek <pandora.kuek@acad-pub.net>
To: bashir.kareem@epu.edu.iq

24 May 2024 at 04:06

Dear Prof. BashirEskander Kareem

Hope everything is going well with you.

Considering your great achievements in the field, we sincerely be grateful that you would serve as an excellent reviewer of the manuscript, "**Assessing the effectiveness of bioclimatic strategies in improving thermal comfort and reducing energy consumption in a house located in a desert climate**", which has been submitted to our open access journal CEST. The submission's abstract and keywords are inserted below, and we'll appreciate it if you will consider undertaking this important task for us.

If you are willing to accept this invitation, I will send you the full text later. Thank you very much for considering this request.

And there will be waive APC if you submit your article to our journal since you kindly spent time reviewing the manuscript. We look forward to working with you more.

Wish you all the best.

[About the Journal | Clean Energy Science and Technology \(usp-pl.com\)](#)

#177

Assessing the effectiveness of bioclimatic strategies in improving thermal comfort and reducing energy consumption in a house located in a desert climate

Abstract:

This article examines the effectiveness of bioclimatic strategies to enhance thermal comfort and decrease energy consumption in a desert-climate residence. The study assessed thermal insulation, natural ventilation, and phase change materials over a year, with each strategy evaluated both independently and in combination. Monthly energy bills were analyzed to determine the impact of these strategies. Results indicated substantial reductions in energy costs, with decreases up to 50% during transitional seasons; however, complete elimination of heating and cooling systems was not feasible due to significant thermal phase differences between indoor and outdoor environments. Further analysis of thermal discomfort hours revealed that increasing insulation thickness during specific seasons could mitigate peak heat intensity and delay its occurrence, thus extending periods of comfort and reducing discomfort hours. Despite these improvements, some periods of thermal distress persisted during the warmest months, underscoring the necessity for a balanced approach to climate adaptation strategies. Overall, the implementation of these strategies proved effective in improving comfort and reducing energy usage in desert-climate homes, although they do not fully negate the need for traditional heating and cooling systems.

Keywords: bioclimatic strategies; thermal comfort; energy consumption; desert climate; thermal insulation; phase change materials; natural ventilation; energy bills

Bashir Kareem <bashir.kareem@epu.edu.iq>
To: Pandora Kuek <pandora.kuek@acad-pub.net>

24 May 2024 at 08:29

Hello dear

I'm ready for reviewing the manuscript.

Regards

[Quoted text hidden]

Pandora Kuek <pandora.kuek@acad-pub.net>
To: Bashir Kareem <bashir.kareem@epu.edu.iq>

24 May 2024 at 08:35

Dear Prof. Bashir Kareem

Thank you for your kind reply.

Please find the attached file for the full text of the manuscript and review form. You can also login to the website of CEST to check the manuscript. [About the Journal | Clean Energy Science and Technology \(usp-pl.com\)](#)

Please return comments within **1 week**. I will be here if you have any questions.

Wish you all the best.

Pandora Kuek
Managing Editor

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[Quoted text hidden]

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2 attachments

 **Review Form.docx**
12K

 **CEST-177.docx**
178K

Bashir Kareem <bashir.kareem@epu.edu.iq>
To: Pandora Kuek <pandora.kuek@acad-pub.net>

24 May 2024 at 08:36

Thank you, I will do that.

[Quoted text hidden]

Bashir Kareem <bashir.kareem@epu.edu.iq>
To: Pandora Kuek <pandora.kuek@acad-pub.net>

31 May 2024 at 00:59

Dear [Pandora Kuek],

Please find the attached review report for the manuscript. The paper is suitable for publication pending major revisions.

Best regards,
[Bashir Kareem]

[Quoted text hidden]

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Thanks
Best Regards

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 **Review Form.docx**
19K

Pandora Kuek <pandora.kuek@acad-pub.net>
To: Bashir Kareem <bashir.kareem@epu.edu.iq>

31 May 2024 at 03:59

Dear Prof. Bashir Eskander Kareem

Due to the exceptional quality and exhaustive nature of your review, I have taken the liberty of submitting a formal request for an invited reviewer certificate on your behalf from the journal.

I am pleased to inform you that the certificate, duly acknowledging your efforts, will be dispatched to you via email, attached as an attachment. Once you receive the certificate, kindly take the time to meticulously review the information it contains, ensuring its accuracy. If you find any discrepancies or need any modifications, please do not hesitate to let me know at your earliest convenience.

Additionally, I sincerely hope that if there are articles relevant to your research field in future issues of the journal, you will continue to participate in article review.

Likewise, if you have an article for submission, we would like to extend an invitation for its publication in CEST journal and assure expedited processing for prompt publication.

Thank you for considering our proposal.

Kind regards
Pandora Kuek
[Quoted text hidden]



certificate-Bashir Kareem.jpg
535K

Bashir Kareem <bashir.kareem@epu.edu.iq>
To: Pandora Kuek <pandora.kuek@acad-pub.net>

31 May 2024 at 04:22

That's great, thank you very much.
[Quoted text hidden]