Review of: "Thermal Comfort Temperature Evaluation in Hospital Wards for Patient Safety and Climate Change Sustainability"

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Potential competing interests: No potential competing interests to declare.

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Title: Thermal Comfort Temperature Evaluation in Hospital Wards for Patient Safety and Climate Change Sustainability

<u>Remarks:</u>

I recommend the author to improve the study by considering the following suggestions:

1. "Reference Minimum 26.6 C Reference Average Air Temperature38.6 C,." It is not clear what this statement in the Abstract.
2. In the Abstract, the method used in the study (experimental, numerical, etc.) should be explained.
3. In the Abstact, the main findings of the study should be mentioned along with the numerical results.
4. In the Abstract, it was mentioned that the ventilation system was analyzed in the study. Therefore, "ventilation" can be added as keywords.
5. What is the research mentioned in the sentence below? Additionally, it is not appropriate to have too many references in the same sentence. "The research is grounded on the discovery that regulatory incentives [6][7][8], developer acceptance [9][10], a well-established supplier chain [11][12], and high-quality construction green building certification and compliance (CGCC) [13][14] are all essential factors for the actualisation of green construction."
6. The following two sentences are contradictory. The increase in the number of studies reveals the importance of CGCC. Moreover, the first sentence is far from scientific. "The significance of CGCC should not be exaggerated. There has been a significant rise in the quantity of research endeavours focused on CGCC during the previous decade or two."
7. Deficiencies should be clearly defined in the statement "deficiencies in the existing corpus of knowledge".
8. "Our review presents several significant contributions to the study and implementation of CGCC." What is meant by the contribution mentioned in the sentence? It should be explained concretely.
9. In the last paragraph of the Introduction section, the answers to the following questions should be explained in detail: What is the novelty of this study? Why is this study needed? What research gap does this study fill? What is the originality of the work? What is the purpose of this study?
10. Grammar and spelling errors should be corrected. (Iraqi, etc.)

11. What is the model described after Fig. 1? Has it been mentioned in previous episodes? If a simulation study has been carried out, the software and method used should be given before the model description.

12. There is no need for the following sentences in the methodology section. Additionally, it does not seem to be related to the topic of the paragraph in which the sentences is found. a)"Kruger (2007) revealed that a region's typical temperature is a crucial factor in ecology." b)"According to Kruger and Givont, estimation, ambient temperature is one of the most important factors in the natural world."

13. Care should be taken to leave a space between some words. (measured,M,calculated,Cpretected,P)

14. What the abbreviations M, C and P mean should be included in the Fig. 2 explanation.

15. The abbreviation LAI should be given at the first mention. Leaf Area Index (LAI)

16. In both graphs in Fig. 4, mean comfort temperature is written on the axis. The difference between them should be defined.

17. The relationship between idling heat and dusty regions should be explained more clearly.

18. Is the y-axis description in Fig. 7 incorrect? Besides, what does the orange color represent in the same graph?

19. The Conclusion section contains general information that was not obtained in the results of the study. This section should be improved with the main results and important numerical findings obtained in this study.