

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

Dawit Gudeta¹

¹ Adama Science and Technology University

Potential competing interests: No potential competing interests to declare.

I cannot recommend that it is acceptable for publication in this journal as its in the current form. The manuscript need major revisions. Comments needed to be considered are appended below.

1. The abstract should include method used in the study (introduction, experimental, numerical, etc.)
2. The abstract should include the main findings of the study along with the numerical results. Please improve and re-write the abstract portion.
3. What do you mean that "Reference Minimum 26.6 C Reference Average Air Temperature38.6 C," It is not clear what this statement in the Abstract."
4. What is the unit of the temperature?
5. Revise the keywords
6. Please explain more about the novelty of manuscript in introduction section and methodologies used in the manuscript should describe clearly.
7. What was the motivation behind? What gap did you observed?
8. Poor reference style and citation. Please standardized the reference
9. Poor grammar and spelling errors throughout the manuscript
10. How did you measured the air temperature? Which instrument used?
11. What is the abbreviations M, C and P on figure 2?
12. What is LAI?
13. Clearly explain dust regions and idling heat?
14. Reading of this manuscript without nomenclature is too difficult? Please add
15. There is no physical quantities for table 2.
16. What was the author physical model?
17. What is the yellow color in Figure 7 and Y-axis representation?
18. What is the difference of comfort temperature in Fig. 4 written on the axis?
19. Citation for ref [20] Eliasson or Ballinger? Similarly, authors of the reference [12] are Lomas et al. or RezaHoseini and Noori? Please revise the whole citation in the manuscript
20. What is the number 0.3-3 micro in the manuscript?

21. Add figures to the result portion and compare them with previous published work.
22. Give some relevant results in the summary.
23. The conclusion section contains general information so please focus only on your findings? Kindly, improve.