

### Review Form 3

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|--------------------------|--|
| Journal Name:            | <a href="#">International Journal of Environment and Climate Change</a>    |
| Manuscript Number:       | Ms_IJECC_129511  |
| Title of the Manuscript: | Heat Index Analysis and Simulations of Select areas in Iowa, United States |
| Type of the Article      |  |

#### PART 1: Comments

|   | Reviewer's comment   | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|---|--|---|
| <b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b> | The study seeks to analyze the heat index in selected areas of Iowa. It is aimed at informing the citizens, particularly outdoor workers, the elderly, children, and other vulnerable groups, about the dangers of excessive heat. If further shows that devices such as the Triplet HS10 or WS-HE01, which can provide this information, can significantly help alert the public on how to safely conduct their activities. |   |
| <b>Is the title of the article suitable? (If not please suggest an alternative title)</b>   | Yes, the title of the article is suitable.   |   |
| <b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b>      | Yes, the abstract of the article is comprehensive.   |   |
| <b>Is the manuscript scientifically, correct? Please write here.</b>  | Yes, the manuscript is scientifically correct based on the study carried out by the author.  |   |
| <b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>                              | Yes, the references are sufficient and recent.   |   |
| <b>Is the language/English quality of the article suitable for scholarly communications?</b>  | Yes, the language/English quality of the article is suitable.  |   |
| <b>Optional/General</b> comments  | The work done by the author is worthy of commendation.   |   |

#### PART 2:

|   | Reviewer's comment   | Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|---|--|--|
| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |  |

#### Reviewer Details:

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|----------------------------------|--------------------------------|
| Name:                            | Peter Isaiah Akpan             |
| Department, University & Country | University of Calabar, Nigeria |