

Checked by: PM

Approved by: MBM

Version: 3 (07-07-2024)

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| | <ul style="list-style-type: none"> ● The manuscript's thorough methodology and the practical implications of its findings makes it worthy of publication | |
| <p>Is the title suitable? (If not, provide an alternative title)</p> | <ul style="list-style-type: none"> ● The title of the manuscript is quite descriptive and provides a clear idea of the study's focus. | |
| <p>Is the article comprehensive? Do you recommend the addition (or deletion) of some sections? Please write your comments.</p> | <ul style="list-style-type: none"> ● The abstract of the article is quite comprehensive, providing a clear overview of the study's objectives, methods, and key findings. However, a few improvements could enhance its clarity and completeness. | |
| <p>Is the structure of the manuscript clear and logical?</p> | <ul style="list-style-type: none"> ● The manuscript is well-structured and covers essential sections. However, a few adjustments and additions to subsections could enhance clarity and organization. | |
| <p>Are the arguments and conclusions sound? Provide sentences regarding the strengths of this manuscript. Why do you think the manuscript is scientifically sound? A minimum of 3-4 sentences are required for this part.</p> | <ul style="list-style-type: none"> ● The meticulous technique and in-depth analysis used in this work establish its scientific accuracy and technical soundness. ● The use of the CERES-Maize model within the DSSAT framework, a widely recognized and validated crop modeling tool, ensures reliable simulation results. ● The study's consideration of multiple climate change scenarios, including varying levels of temperature, CO2, and solar radiation, provides a comprehensive understanding of potential impacts on maize yield. ● The systematic approach and thorough validation contribute to the manuscript's scientific robustness. | |
| <p>Are the references sufficient and recent? If you recommend additional references, please provide them in the review form.</p> | <ul style="list-style-type: none"> ● I suggest a more recent references should be used in this manuscript. The topic has been extensively researched and new work on the subject matter has been carried out. | |

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| | 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> |
| in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

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| | Seun Boluwatife Ajala |
| Country | Czech University of Life Sciences, Czechia |