April 26th, 2021

To: Anuário do Instituto de Geociências

Dear Dra. Fernanda Cerqueira Vasconcellos

I am pleased to resubmit for publication the revised version of Manuscript: "Impact of Climate Change on Cassava Yield in Guapimirim, Southeast Brazil".

The most substantial revision concerns the shallow discussion of the results and an English revision on the manuscript. I appreciated the constructive criticisms of the reviewers. I have addressed each of their concerns as outlined below.

Reviewer A

We updated the cited literature in the Introduction section. Some figures were replaced and some abbreviations improved. We have tried to make the discussion more engaging and better addressed the results and future yield in the studied region. An English review was done in the entire manuscript.

Reviewer C

In the introduction section, we added more information about impact on cassava yield under changes in temperature and rainfall and the sensitive Phenological stages in cassava yield loss. We inserted a better description of cassava cultivation in the study area as required by reviewer. The missing references were complemented. In the Methods section, we divided in two sub items as suggested by reviewer. In addition, the limitations involving the spatial resolution at municipal level and the use of YR were explained. In the Results and Discussion, we have also tried to make the discussion more engaging. An English review was done in the entire manuscript.

Following the reviewer’s advice, I have prepared a new version of my manuscript titled ***“40817-111666-1-RV (1)”*** along with this answer letter to the reviewers' comments. All changes implemented in response to their comments can be found in the "Track changes" tool of "MS Word" as part of the revised manuscript submitted sent by email inside the Journal's system.

Best regards.

Authors