

To the Editorial Board of Cadernos de Ciência & Tecnologia

Dear Editor,

Please find enclosed the manuscript entitled “**How will global agriculture and food security respond to future socioeconomic shocks?**” for evaluation in Cadernos de Ciência & Tecnologia. Below I present further details on authors’ institutional affiliation and contributions to the paper.

The manuscript is original, has not been published before, and is not being considered for publication elsewhere in its final form neither in printed nor in electronic format and does not present any kind of conflict of interests.

As key-highlights of the manuscript, I indicate:

- Future agricultural output increases will vary with region and SSP¹-productivity scenarios
- Yield gains will be a major driver, but cropland expansion will still play a role
- The geography of agricultural production will be affected by SSP-productivity scenarios
- The Sustainability (SSP1) scenario should be pursued to reduce food insecurity
- The SSP1 scenario requires R&D expenditures to be set as a global priority.

The corresponding author signs this cover letter on behalf of the two authors.

Yours sincerely,



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¹ Shared Socioeconomic Pathways.

How will global agriculture and food security respond to future socioeconomic shocks?

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Authors' Contributions

Conceptualization: Martha Jr., G.B. Formal analysis: Lima, C.Z.; Martha Jr., G.B. Methodology: Lima, C.Z.; Martha Jr., G.B. Writing-review & editing: Martha Jr., G.B.