

Review of: "Improving agriculture and food security in Africa: Can the one health approach be the answer?"

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Potential competing interests: No potential competing interests to declare.

The authors explored how to improve agriculture and food security in Africa: Can the one health approach be the answer? This study research is comprehensive and interesting topic that contributes to the body of scientific knowledge in Africa. However, the manuscript needs a much clearer argument and structure. The methodology is not clear. The abstract must be rewritten more concisely. You should let the reader get the gist or essence of this paper quickly to decide whether to read the full paper; however, your abstract must prepare readers to follow the detailed information, analyses, results, arguments, and significance/policy implications of your arguments.

Also, I strongly suggest making a better effort to re-organizing the whole paper, so if the main contribution of it is the framework, this framework is clearly designed and explained, being consistent with the terms used throughout the whole paper, and clearly reflecting where the main ideas of it are coming from. In its current form, the result sections are written as an introduction, and it makes it difficult to know what are the contributions of the authors and what is just some information compiled to introduce the framework.

The research purpose is reasonable, however, there still exist some confusing expressions. Therefore, some revisions are needed to be done.

Details are shown as follows:

1. How many papers did you collect? What are the criteria for selection?
2. Agriculture and food security in Africa: one health approach was mentioned in the title, but it was not clear and elaborated in the literature review. It may also be a problem with the presentation of the title.
3. Would you consider the difference between animal husbandry and livestock in the whole manuscript?
4. Figure 2 should be revised by integrating the socio-ecological factors as the drivers triggering the realization of the one health approach. It is very difficult to follow. I also suggest making an effort on linking both agriculture, food security, and one health approach. In its current form, I don't fully understand how they connect.
5. This paper should select some typical examples, use social network analysis methods to empirically analyze the relationship between agriculture, food security, and one health approach, and put forward some suggestions for improvement based on the empirical results.

6. On the whole, the results of the paper lack comprehensive data support. Consider the updated references.
7. What are the limitations and future research directions, must add it. What are the policy implications to ameliorate the current or future situation?
8. The discussion must be based on a certain order in order to be described scientifically. Kindly frame it along the following lines: i. Main findings of the present study, ii. Comparison with other studies, iii. Implication and explanation of findings, iv. Strengths and limitations, and v. Conclusion, recommendation, and future direction.
9. The conclusion part should be further summarized.
10. Consider using the abbreviations as you did before. Please, use abbreviations consistently in the whole manuscript.