

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.

GENERAL COMMENT

The authors present a review of the literature regarding an integrated and holistic approach called 'one health', in contributing to more resilient food systems and sustainable agro-economic development on the continent of Africa. The topic of discourse is pertinent and merits more consideration. Certainly, there is a need for a greater understanding of one health and its overall goals in the African environment. This is critical to ensure the necessary enabling environment and institutional support to progress its objectives on the continent. Overall, although the manuscript is well-written, it requires systematic restructuring and English language editing. Specific comments on the manuscript can be found below.

SPECIFIC COMMENTS

The authors can broaden the scope of their work to address some of the questions listed below.

1. How can one health be integrated into traditional African agricultural and socio-cultural systems?
2. How may locally available African resources and indigenous knowledge systems benefit or contribute to the one health agenda, and what compromises should be anticipated?
3. How does the one health agenda differ from or align with the UN SDGs which seem to be global priorities and certainly preoccupying African policy frameworks. Where do these two initiatives converge/diverge and how can the goals of both be harnessed synergistically for the greater good of the African society?
4. There is a push towards greater modernization and advancements in technology including biotechnology and GMO technologies on the continent. How does one health fit into/co-exist with modern technological developments and GMO technology on the African continent?
5. Would it be possible to elaborate on some of the possible indicators of one health on the continent?