

Review of: "Enhancing Cocoa Crop Resilience in Ghana: The Application of Convolutional Neural Networks for Early Detection of Disease and Pest Infestations"

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Potential competing interests: No potential competing interests to declare.

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I consider that the paper "Enhancing Cocoa Crop Resilience in Ghana: The Application of Convolutional Neural Networks for Early Detection of Disease and Pest Infestations" attempted to find a solution for Cocoa Crop Resilience in Ghana.

Could the authors do a Sensitivity Analysis and Error Analysis?

How is this method advantageous over others that already exist in the literature?

The authors must add some important processes of early detection of the disease by applying a CNN model

Check that the references, tables, equations, and figures are connected properly.

With the current trend of Computational Intelligence (Neural Networks, Fuzzy Logic, Evolutionary Computing), could the design of the model in this article be facilitated using Computational Intelligence methods? - Do not answer with a YES or a NO. We need a one-paragraph answer, documented and accompanied by at least two references from IEEE journals.

Also, with the current trend of Artificial Intelligence (Expert Systems etc.), could the design of the model in this article be facilitated using Artificial Intelligence methods? - Do not answer with a YES or a NO. We need a one-paragraph answer, documented and accompanied by at least two references from IEEE journals.

Authors should enrich the analysis on pages 3 and 4 and add more references from IEEE journals and IEEE conferences in 2020, 2021, 2022, 2023.

The authors must give more technical and mathematical details in the your references' section; it has some old references - add many references from the years 2019-2023.

It will be useful in the conclusion to provide the audience with some directions for future research.