

Review of: "Yield Forecasting Model for Maize Using Satellite Multispectral Imagery Driven Vegetation Indices"

Masoud Pourgholam-Amiji¹

¹ University of Tehran

Potential competing interests: No potential competing interests to declare.

I thoroughly read the article written by the authors and found that they did well. It is new work and it has innovation. The research method and the results of this research were interesting, and I recommend reading it. However, there are drawbacks that I will address in the comments below.

1) Title: It's okay.

2) Abstract: This abstract is not scientific and focuses on generalities. The essential results of this article should be expressed numerically. At the beginning of the abstract, a brief introduction should be given, and then the existing problems. Then briefly describe your goals and bring your materials, methods, and results. In this section, only general content is provided, and no attention is paid to details. The result of the statistical analysis or evaluation criteria must be added.

3) Keywords: Are not suitable.

4) Highlights: It's lost.

5) Introduction: The content of the introduction is short, and the background of the literature, expressing the novelty of the article, and the difference from the work of others should be well expressed. In other words, state the research gap and explain the reason for doing this research. What is the ultimate goal of your work, and what problem will it solve in your case study? At the end of the introduction, describe the innovation and goals of this research to differentiate your work from others.

6) Materials and Methods: The material and method divisions are well done but do not explain the details of the work. The method of doing the work is not clear enough. Describe the year of the experiment, how the data was collected, and how the work was performed. Or make a flowchart of how to do it for the Materials and Methods section.

7) Results and Discussion: Work on analyzing your content and results to increase the quality of this section. To increase the quality of the article, compare the results of your work with others and state the reason for their similarities or differences. The need for the statistical analysis of results or evaluation criteria is strongly felt.

8) Conclusion: In this section, focus on your main results and state only the important and key results; it is better to present practical results. Repetition of the content mentioned in the abstract and the results and discussion is not acceptable at all.

9) References: The way of writing references is integrated.

