

## Sustainable Agricultural Development Through Education and Extension

Baharak. Azizi<sup>1\*</sup>

<sup>1</sup> Assistant Professor, Faculty of Agricultural Extension and Education, University of Applied Science and Technology, Tehran, Iran

\* Corresponding author email address: Baharak\_1615@yahoo.com

### Editor

Azar Kafashpoor<sup>id</sup>  
Professor, Department of  
Educational Management and  
Human Resource Development,  
Ferdowsi University of Mashhad,  
Mashhad, Iran  
kafashpor@um.ac.ir

### Reviewers

**Reviewer 1:** Masoud Hoseinchari<sup>id</sup>  
Associate Professor, Department of Educational Sciences, Shiraz University, Shiraz,  
Iran. Email: hchhari@shirazu.ac.ir  
**Reviewer 2:** Alinaghi Amiri<sup>id</sup>  
Professor, Management Department, Tehran University, Tehran, Iran.  
Email: anamiri@ut.ac.ir

## 1. Round 1

### 1.1. Reviewer 1

Reviewer:

In the paragraph starting with "The development of the agricultural sector driven by the increasing population and limited resources," consider adding a brief historical context of agricultural practices before the Green Revolution to enhance reader understanding of the transition to sustainable agriculture.

The sentence, "The sector faces two main challenges: an increasing population and decreasing production resources," should elaborate on what specific resources are decreasing (e.g., arable land, water availability).

The analytical framework should include a clear definition of the terms "ecological analysis," "socio-economic analysis," and "technological analysis." Explain how each will contribute to understanding sustainable agriculture.

Describe the criteria used to select the case studies mentioned in "Examination of specific case studies that illustrate the impacts of the Green Revolution." This will enhance the robustness of your methodology.

The conclusion states, "Government support and investment in research and education are necessary to achieve these goals." Provide recommendations or examples of successful government interventions in other regions to support this claim.

Keywords such as "Sustainable Agricultural Development" and "Education and Extension" could be expanded to include more specific terms like "Ecological Balance," "Health Risks," and "Energy Efficiency" to improve searchability and relevance.

The manuscript lacks visual aids. Consider including tables or figures that illustrate key points, such as a comparison of energy consumption between Green Revolution and sustainable agricultural practices.

Ensure all references are current and relevant. The sentence, "Sources included peer-reviewed journal articles, books, and government and NGO reports," should also consider recent publications and emerging studies in sustainable agriculture.

Authors revised the manuscript.

## 1.2. Reviewer 2

Reviewer:

The literature review section could benefit from a more detailed synthesis of the various sources cited. For example, the sentence "This is essential for the agricultural sector to not only meet current food demands but also to fulfill its broader economic functions" should include specific economic functions and examples from the literature.

The study design section needs clarification. The sentence, "The research design incorporates both qualitative and quantitative analyses of secondary data," should specify the type of qualitative and quantitative methods used (e.g., thematic analysis, statistical regression).

In "Data for this study were collected from multiple sources," provide a brief justification for why the selected sources (e.g., peer-reviewed journals, government reports) are reliable and pertinent to your study.

In the findings section, expand on the specific "geographical and socio-economic inequalities" resulting from the Green Revolution. Providing concrete examples will strengthen your argument.

The sentence "The study highlights the crucial role of agricultural extension and education in promoting sustainable practices and addressing the new health risks associated with traditional agricultural methods" needs more detailed discussion on what these new health risks are and how they differ from those during the Green Revolution.

In the section on promoting agricultural education, the goals mentioned (e.g., "guiding rural populations") should be more detailed. Specify the methods and expected outcomes of these educational processes.

Provide practical examples of how extension services have successfully reduced production costs and improved product quality, as mentioned in "Extension promotes its objectives through various means".

In the section listing agricultural methods contributing to sustainability (e.g., "Periodic Agriculture," "Low-Input Agriculture"), a comparative analysis of their effectiveness and implementation challenges would be beneficial.

The conclusion should offer detailed policy recommendations based on the findings. For instance, how should governments prioritize research investments to support sustainable agriculture?.

Authors revised the manuscript.

## 2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.