

Review Form 3

Journal Name:	European Journal of Nutrition & Food Safety
Manuscript Number:	Ms_EJNFS_129421
Title of the Manuscript:	A comprehensive Analysis for Global Food Security and Environmental Sustainability using Edible Insects
Type of the Article	Review Article

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This study explores edible insects' potential for global food security and environmental sustainability. It addresses the knowledge gaps highlighting the need for multidisciplinary research to overcome regulatory constraints and consumer resistance. It encourages further study and policy development.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, it's suitable but could benefit from more concise and impactful writing. Alternatively, it can be modified as "Edible Insects: A Sustainable Solution for Global Food Security and Environmental Challenges" The revised title is more engaging, concise, and highlights the paper's innovative focus while maintaining its primary themes.	

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<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>Yes, the abstract is well-organised and gives a general summary of the manuscript's content. However, it could benefit from increased accuracy and fair portrayal of difficulties.</p> <p>Specific insect species and its nutritional or environmental benefits could be included to enhance the abstract's engagement and information. The challenges mentioned are generalized and could be expanded to include key issues like cultural resistance or regulatory hurdles for a more comprehensive understanding.</p> <p>"Study is required to solve regulatory, ethical, and consumer perception issues," could be rephrased to improve clarity.</p>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>Yes, the manuscript is scientifically accurate, well-referenced, and discusses the nutritional benefits, environmental advantages, and economic and cultural implications of integrating edible insects into global food systems.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The manuscript provides extensive, relevant references on edible insects, covering topics like nutrition, environmental impact, consumer acceptance, and regulatory frameworks, though some sources are over a decade old.</p> <p>Global Market Trends: van Huis, A., & Tomberlin, J. K. (2022). Insects as Food and Feed: From Production to Consumption. Advances in Automation and Breeding: Dobermann, D., Swift, J. A., & Field, L. M. (2021). Opportunities and hurdles of edible insects for food and feed. Safety and Regulatory Progress: European Food Safety Authority (EFSA). (2022). Updated risk assessments of insect-based food products. Omogunloye-Adeoye et al., 2024. Assessment of House Cricket (<i>Acheta domesticus</i>) Meal for Nigerian Households Consumer Perception in Emerging Markets: Mancini, S., Moruzzo, R., Riccioli, F., & Paci, G. (2020). Consumer acceptance of edible insects in a globalized market.</p>	
<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The manuscript employs a formal tone suitable for a scholarly audience</p>	
<p>Optional/General comments</p>	<p>The manuscript contributes to sustainable food systems literature, highlighting edible insect role in addressing global food and environmental challenges with minor revisions.</p> <p>The statement highlighted in the introduction could be reframed as 'This practice has been part of human diets for millennia and remains a traditional food source in many communities worldwide'.</p>	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

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