

REVIEWER'S REPORT

Manuscript No.: IJAR-58426

Title: GLOBAL CYBER SUBSYSTEMS IN THE FOOD SECURITY DOCTRINE

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revisionyes.....

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality				Y
Techn. Quality				Y
Clarity				Y
Significance				y

Reviewer's ID: JPR-Dr.Shaweta Sachdeva

Detailed Reviewer's Report

- The manuscript addresses an important and emerging interdisciplinary topic by linking cybersecurity with food security; however, the novelty of the proposed conceptual framework should be more clearly articulated.
- The introduction is broad and descriptive but lacks a clearly defined research gap and explicit research objectives or hypotheses.
- The methodology section mainly describes general research methods (systemic approach, observation, analytical method) without explaining how they were specifically applied in the study. A more rigorous methodological framework is required.
- The manuscript is primarily conceptual and lacks empirical evidence, case studies, or data analysis to support the proposed arguments.
- The Results section reads more like a discussion than actual research findings. Consider restructuring the paper by separating findings, discussion, and policy implications.
- The paper would benefit from a comprehensive framework or conceptual model illustrating the relationship between cybersecurity subsystems and food security.
- The discussion should compare the proposed ideas with existing literature and identify similarities, differences, and contributions.
- The manuscript emphasizes European and Bulgarian contexts, but the implications for global food systems require broader international examples.
- More recent literature (2023–2026) on cyberbiosecurity, digital agriculture, AI in food systems, and critical infrastructure protection should be incorporated.
- 10.** The conclusion should summarize the key contributions more explicitly and include recommendations for policymakers, researchers, and practitioners.
- The abstract should clearly mention the research methodology, key findings, and practical significance.
- Keywords should be standardized and expanded to include terms such as **Cyberbiosecurity, Critical Infrastructure, Digital Agriculture, and Cyber-Physical Systems.**
- Several sentences are excessively long and should be divided to improve readability.

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

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14. There are grammatical errors and awkward sentence constructions throughout the manuscript; professional English language editing is recommended.
15. The manuscript repeatedly uses similar expressions, leading to redundancy in several sections.
16. Define technical terms such as "provide security," "cyber-food system," and "shared security" when they first appear.
17. Figure(s), tables, or diagrams summarizing the proposed cybersecurity subsystems would significantly improve clarity.
18. Ensure consistent citation formatting according to the journal's referencing style.
19. Some references are relatively limited in number; include additional high-impact journal articles from internationally recognized publishers.
20. The title could be made more specific by indicating whether the paper is a conceptual review, policy analysis, or theoretical framework.

Recommendation

Major Revision

The manuscript presents an interesting and timely topic with potential relevance to food security and cybersecurity research. However, it requires substantial improvements in methodological rigor, literature coverage, conceptual clarity, empirical support, and language quality before it is suitable for publication.

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