Review of: "Enhancing Supply Chain Management Risk Mitigation: A House of Risk Methodology Applied to Brick Manufacturing in Aceh Besar Regency"

Sina Abbasi[1]

1 Islamic Azad University, Lahijan

1. Low references in 2024!

2. Make the research gap section clear and highlight your work separately.

3. The keywords are not standard. Please revise the keywords and choose realistic ones. You should consider the following rules:

   Avoid using the word from the research paper's title.

   Keywords should indicate the general subject matter.

   Use the keywords to show the methods and techniques used in the papers.

   Don't use abbreviations!

4. Check the English presentation of this paper to remove the typographical mistakes. Some grammatical issues need to be addressed in the whole text. Please reform the long paragraphs. Please polish the writing and English of the manuscript carefully. The writing of the paper needs a lot of improvement in terms of grammar, spelling, and presentation. The paper needs careful English polishing since there are many typos and poorly written sentences. I found several errors. Help from the free Grammarly platform!

5. I encourage you to add more detail about your core contributions in the abstract. The abstract has five sections, and you should follow the best practices in your area! Please also mention the novelties in the abstract.

   Introduction

   Research significance / Problem / Purpose /Reason for writing

   Methodology / Approach

   Results/findings

   Conclusion / Implications

6. Please reduce the similarity index according to iThenticate (if it is over 15%).

7. Please categorize your and previous research in the table in the Literature Review section to show the better research gap.

8. Improve your introduction section. I do not propose any special reference due to ethical issues; please search and find. Just as a sample, I suggest some works that I saw in this area:

- (2023) Designing the home healthcare supply chain during a health crisis.https://doi.org/10.1016/j.jer.2023.100098.

- (2023) Green Closed-Loop Supply Chain Network Design During the Coronavirus (COVID-19) Pandemic: A Case Study in the Iranian Automotive Industry. https://doi.org/10.1007/s10666-022-09863-0.
- (2023) A systematic review of green supply chain network design literature focusing on carbon policy. https://doi.org/10.1016/j.dajour.2023.100189.
- (2022) Designing Sustainable Recovery Network of End-of-Life Product during the COVID-19 Pandemic: A Real and Applied Case Study. https://doi.org/10.1155/2022/6967088.
- (2023) Green Closed-Loop Supply Chain Networks' Response to Various Carbon Policies during COVID-19. https://doi.org/10.3390/su15043677.

(2023) Supply Chain Risk Management: A Content Analysis-Based Review of Existing and Emerging Topics, Supply Chain Analytics. https://doi.org/10.1016/j.sca.2023.100031.

- (2021) The sustainable supply chain of CO_2 emissions during the coronavirus disease (COVID-19) pandemic. 10.30495/JIEI.2022.1942784.1169.
- (2023) Performance Measurement of the Sustainable Supply Chain During the COVID-19 Pandemic: A real-life case study. DOI:10.2478/fcds-2022-0018.
- (2023) Designing a vaccine supply chain network considering environmental aspects. https://doi.org/10.1016/j.jclepro.2023.137935.
- (2023) Environmental impact assessment with rapid impact assessment matrix method during the COVID-19 pandemic: A case study in Tehran. https://doi.org/10.21203/rs.3.rs-3125845/v1.
- (2023) Designing a Tri-Objective, Sustainable, Closed-Loop, and Multi-Echelon Supply Chain During the COVID-19 and Lockdowns. DOI: 10.2478/fcds-2023-0011
- (2023) Designing a Reliable Aggregate Production Planning Problem During the Disaster Period, Sustainable Operations and Computers, https://doi.org/10.1016/j.susoc.2023.08.004
- (2023) Designing the Location–Routing Problem for a Cold Supply Chain Considering the COVID-19 Disaster. https://doi.org/10.3390/su152115490
- Çağlayan, N., Abbasi, S., Yilmaz, İ., & Erdebilli, B. (2024). Bibliometric Analysis on the Distributed Decision, Decentralized Decision, and Fuzzy Logic. Discrete Dynamics in Nature and Society, 2024.
- Abbasi, Sina, Ilias Vlachos, Shabnam Rekabi, and Mohammad Talooni. 2023. "Designing the Distribution Network of Essential Items in the Critical Conditions of Earthquakes and COVID-19 Simultaneously" *Sustainability* 15, no. 22: 15900. https://doi.org/10.3390/su152215900
- Abbasi, Sina, Ilias Vlachos, Shabnam Rekabi, and Mohammad Talooni. 2023. "Designing the Distribution Network of Essential Items in the Critical Conditions of Earthquakes and COVID-19 Simultaneously" *Sustainability* 15, no. 22: 15900. https://doi.org/10.3390/su152215900

For a better explanation of the concepts of environment issues! When an article is suggested to improve the introduction section, it does not have to be directly related to your article. It may help you with general concepts, so please use them to improve your paper.

9. Improve your "Conclusion" section. It should have been there. This part should be divided into 3 parts: Findings, Research limitations, and Recommendations for future research. (separately section)

10. Due to the high volume of calculations, all the formulas should be re-checked to ensure that there are no errors in terms of indices, typing, or concepts.

11. Check that all of your Figures and Tables have a good explanation in your text.

12. Please bring some good Figures in the introduction to support the ideas. If you can't find a good one, please look at www.statista.com

13. Managerial implications are missing from the paper.

14. Check that all the references are correct and not duplicated.

15. Please emphasize the applicability of your model in a real-life engineering setting; give examples. What benefits would your paper bring to a company? How easy is it to implement it in practice? Please add a case study section to your paper if it does not exist.

Create a document containing all of your appropriate clear answers. I am going with a major revision at this stage and waiting for your corrections. Then, I will give you my technical comments. Please use the yellow highlight after revising.