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## REVIEWER'S REPORT

**Manuscript No.: IJAR-57307**

**Title: LEVERAGING CIRCULAR ECONOMY PRACTICES TO CREATE RESILIENT SUPPLY CHAIN OPERATIONS**

**Recommendation:**

- Accept as it is .....
- Accept after minor revision.....**
- Accept after major revision .....
- Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity		✓		
Significance	✓			

**Reviewer's ID: JPR- 002**

### *Detailed Reviewer's Report*

The manuscript titled “**Leveraging Circular Economy Practices to Create a Resilient Supply Chain Operations**” presents a relevant and timely discussion on the integration of circular economy principles into supply chain management. The topic is important because sustainable supply chain strategies are increasingly becoming essential for organizations aiming to improve operational resilience and environmental performance. The study demonstrates a commendable effort in connecting circular economy concepts with supply chain stages and provides a broad review of existing literature in the field. The paper highlights practical strategies such as product life extension, reverse logistics, recycling, and digital analytics, which strengthens the practical relevance of the study. The originality of the work is **good**, as it combines circular economy frameworks with resilience in supply chain operations in a meaningful way, though the conceptual approach could be further strengthened by including a more distinct research gap and a stronger statement of novelty.

From a **technical quality** perspective, the manuscript contains substantial theoretical content and a well-organized explanation of circular supply chain practices. The mapping of circular economy “R-strategies” to supply chain stages is a useful contribution that can help readers understand implementation pathways. However, the methodology remains largely descriptive, and the paper would benefit from a clearer explanation of the research design, data sources, and analytical framework used to derive conclusions. Incorporating empirical evidence or case-based validation would significantly improve the

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academic rigor of the paper. Some sections contain grammatical inconsistencies, formatting issues, and repetitive sentences that reduce the professional presentation of the manuscript. Therefore, the technical quality can be considered **good**, with room for refinement in methodological clarity and presentation.

In terms of **clarity**, the manuscript is generally understandable and follows a logical sequence from introduction to conclusion. The sectioning of the paper helps the reader navigate the concepts effectively, especially the discussion on enablers and barriers of circular economy implementation. The tables included in the manuscript add value by summarizing the 10R strategies and their relationship to supply chain stages. Nevertheless, some paragraphs are excessively lengthy, and transitions between ideas could be smoother. Certain language errors and typographical issues should be corrected to improve readability. The clarity is therefore rated as **good**, but careful proofreading and language editing are recommended before publication.

Regarding **significance**, the study addresses an important area of contemporary research by linking sustainability with supply chain resilience. The findings can be useful for academics, practitioners, and policymakers interested in circular business models. The emphasis on digital technologies and data-driven decision-making as enablers of circular supply chains adds practical value to the discussion. The paper contributes to the growing body of literature on sustainable operations management and offers insights that may encourage future empirical studies. Due to its relevance and practical implications, the significance of the manuscript can be considered **very good**, although stronger empirical support would further enhance its contribution.

### Overall Recommendation:

The manuscript addresses an important and emerging topic with meaningful practical implications. However, before acceptance, the paper requires **minor to moderate revision**, particularly in strengthening methodological rigor, improving language quality, and clearly emphasizing the novelty of the contribution.