



REVIEWER'S REPORT

Manuscript No.: IJAR-56850

Title: Deep Learning enabled Deepor Beel Migratory bird Detection system.

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 Id: JPR-112

Reviewer's Comment for Publication.

The manuscript presents an innovative and relevant study on traffic congestion management in Kinshasa using a multi-criteria mathematical programming approach. The topic is timely and significant, especially for rapidly growing urban areas facing transportation challenges. The integration of multiple factors such as travel time, cost, CO₂ emissions, safety, and distance into a unified optimization framework is commendable and demonstrates good originality.

The methodology is generally sound, with appropriate use of mathematical modeling, multi-objective optimization techniques, and simulation tools such as Python. The inclusion of real-world data and scenario-based analysis adds practical value to the research. The use of Pareto optimization and weighted objective functions strengthens the analytical framework.

However, several aspects require minor revision before publication:

1. **Language and Grammar:**
The manuscript contains grammatical errors and awkward phrasing, particularly in the English sections. Careful proofreading and language editing are necessary to improve readability and professionalism.
2. **Clarity of Mathematical Formulation:**
Some equations and notations are not clearly presented or consistently formatted. The objective function and constraints should be rewritten more clearly, with proper mathematical structure and explanation.
3. **Organization and Structure:**
Certain sections, especially the results and methodology, appear disorganized. Subsections should be clearly defined, and transitions between ideas should be improved.
4. **Explanation of Results:**
The results section would benefit from deeper interpretation and discussion. The implications of the findings for urban planning and policy-making should be elaborated further.

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5. **Figures and Tables:**

Tables and graphs should be better labeled and explained. The presentation of simulation outputs can be improved for clarity.

6. **References:**

Some references are incomplete or inconsistently formatted. Ensure all citations follow a standard referencing style.

Overall, the paper has strong potential and contributes meaningfully to the field of traffic management and optimization. With minor revisions, it can be suitable for publication.