

REVIEWER'S REPORT

Manuscript No.: IJAR-57272

Title: INFLUENCE OF ROAD TRAFFIC ON AIR QUALITY ASSOCIATED WITH INHALABLE FINE PARTICLES IN THE CITY OF LUANDA.

Recommendation:

Accept as it is

Accept after minor revision.....YES.....

Accept after major revision

Do not accept (*Reasons below*)

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

Reviewer Name: Mr. Javaid Ahmad Khan

Detailed Reviewer's Report

This research paper deeply evaluated the influence of traffic on air quality related to fine particles in the city of Luanda. In this manuscript the Abstract is written in a detailed format in which all things have been mentioned properly such as title, methods, sample, results, etc., Also, the keywords are given properly. In the introduction part, the researcher has made link of introduction with the title also the researcher has provided the citations. The review of related literature is not given in this manuscript properly. It should be added. The Methodology is given in a proper way and the research questions or objectives are given. Results are given properly but the discussion is not in detail. Also, comparison of results with the findings of previous researches is not given in this manuscript. Also, the educational implications, limitations and further suggestions are not given in this manuscript properly. These must be added. Thus, this paper is accepted only after these minor changes.

Reason for Minor changes

In this manuscript, the review of related literature is not given. It should be added. Results are given properly but the discussion is not in detail. Also, comparison of results with the findings of previous researches is not given in this manuscript. Also, the educational implications, limitations and further suggestions are not given in this manuscript properly. These must be added. Thus, this paper is accepted only after these minor changes.

Abstract

In this manuscript the Abstract is written in a detailed format in which all things such as sample, method, findings etc. has been mentioned properly. Also, the keywords are given properly.

Introduction

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

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In the introduction part, the researcher has made link of introduction with the title also the researcher has provided the citations properly.

Review of related literature

In this manuscript the researcher hasnot mentioned the review of literature properly. It is essential for each and every research paper to have a section in which important studies related to the title and objectives should be mentioned.

Methodology

Methodology isgiven in a proper wayin this manuscript. Also, the researcher hasmentioned the research questions or objectives properlyin this manuscript such as 1. To evaluate the influence of traffic on the concentration of fine inhalable particles in the city of Luanda; 2. To determine, with the aid of monitoring equipment, the hourly average concentrations of particles on Avenida de Janeiro; 3. To compare particle concentrations with the traffic profile, based on hourly averages throughout the day and on daily averages throughout the week; 4. To compare PM_{2.5} concentrations with the air quality standards for the protection of human health defined by the World Health Organization, the European Union and Portugal (Directive 2008/50/EC and Decree-Law No. 102/2010), the United States of America (USEPA), and South Africa (DEAT).

Results

The result section isgiven in a proper way in this manuscript. The findings aregiven in detail with statistical proofs.

Discussion

The discussion section in this study isnot given properly and the researcher hasnot made comparisons of results with previous studies. Also, further suggestions, limitations and implications hasnot been provided by the researcher by which the validity of research papers decreases and becomes lesseffective.

Conclusion

Overall the research paper is good and important, and some important things have been mentioned properly but some are missing. Thus, this manuscript is accepted only after making these minor changes mentioned above.