

# Review of: "Evaluation of Ambient Air Quality Levels at Various Locations Within Lead City University, Ibadan"

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Potential competing interests: No potential competing interests to declare.

## Reviewer's Comments\_Qeios HJBQXD

### Evaluation of Ambient Air Quality Levels at Various Locations within Lead City University, Ibadan.

Thank you for the opportunity to review and provide feedback on this manuscript. It is hoped that the feedback provided will be found useful in improving the overall quality of the manuscript.

Abstract: Well written.

Introduction:

It is suggested that the introduction be revised to summarily present the health effects of air pollutants and to limit repetitions.

The authors alluded to the health effects of air pollutants in the following sentence: 'Exposure to these air pollutants can have various health effects, including respiratory and cardiovascular problems.' However, there was no presentation of a summary of data in terms of proportions of individuals who have manifested any of these conditions, especially in university settings.....Do such data exist?

Research question no. [4]: 'What are the levels and sources of air pollutants based on the analysis of data collected from air quality monitoring equipment?' appears to be a repetition of questions [1] and [2].....suggest deletion.

Research question no. [5]: 'What recommendations can be made for effective air quality management strategies based on the findings of the study?' in the real sense of it should not be a research question, as these recommendations are not answerable by the methodological approaches and results of the study.

Recommendations are actually generated from the authors' understanding of the implications of the outcomes of the study based on the data generated.....suggest deletion.

Materials and methods

Equipment used

Authors should briefly describe the equipment used for this study, stating reasons for preference for such equipment

bearing in mind the advantages and disadvantages of various devices used for measurements of air pollutant levels. Also, describe the equipment set up in those areas sampled.

Further revision of this section is suggested for better clarity.

Ethical consideration: It is surprising that authors are describing ethical considerations in relation to participants. Which participants are they referring to? Was this study not restricted to ambient air pollutant levels?

## Results

The results were presented with clarity.

Discussion of results: Fair.