

# 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.

Several changes must be made to improve the quality of the manuscript.

The abstract is not well developed. Please rewrite it with the following structure:

1. Background (Situate your project);
2. Purpose/Aim;
3. Methodology (subjects, main data gathering methods, and most important variables of the research);
4. Results (summing up only the most important research findings);
5. Conclusion (explain the meaning of the results to the reader and suggest practical implications for the research).

What is the main problem that the article wants to address? The goal of the article is not evident in the abstract.

Introduction:

Please update all the chemical formulas using the same criteria. I suggest using subscripts.

We can find the description of many air pollutants, such as SO<sub>2</sub>, NO<sub>2</sub>, O<sub>3</sub>, Pb, and VOCs. However, only (PM<sub>2.5</sub> and PM<sub>10</sub>), carbon dioxide (CO<sub>2</sub>), and carbon monoxide (CO) are measured. What were the criteria for selecting the pollutants?

## 2.6. Data Recording

“The collected data should be recorded systematically to maintain proper documentation and facilitate analysis. The following information should be recorded:”

The section 2.6 has only 2 lines and it finishes with a semi-colon. Is there anything missing in that section? As a suggestion, the authors should merge sections. There are way too many.

Results section. There is not enough text to explain the tables and figures. It is tough to follow the flow of information without explaining the tables and describing the figures. The authors must rewrite this section.

Some of the objectives stated in section 1.2 are:

“To compare the concentrations of air pollutants measured within the university environment against national and international air quality standards and action levels.”

“To provide recommendations for effective air quality management strategies based on the findings of the study.”

I need help finding evidence of these objectives in the Summary of Findings and Conclusion section.

“However, carbon monoxide (CO) levels are within acceptable limits according to WHO guidelines (World Health Organization (WHO) 2021).”

There are references to the WHO websites, but I can't find recommended levels of pollutants in the text.