

Review of: "Evaluation of Ambient Air Quality Level at Various Locations within Lead City University, Ibadan"

Susana Hormigos Jimenez¹

¹ Universitat de les Illes Balears

Potential competing interests: No potential competing interests to declare.

It is a study on ambient air quality levels at various locations within Lead City University.

The title does not show with enough clearness the contents of the paper. Ambient air means indoor or outdoor? It should be clear in the title and within the text.

The novelty of the article is not presented. What is new to the state of the art? It is not understood what the contribution is.

Why were the dates 25th of June and the 3^d of August chosen? Are they significant?

Additionally, several aspects should be undertaken:

Materials and Methods:

- Figure 1 is not clear. For people who do not live in Nigeria, the location of the university should be shown on a map of Ibadan. Additionally, the source of the figure is not shown.
- The sampling locations should be shown on a map. There is no map of the different buildings of the university. The spaces are not described (volume, windows, doors, number of students, construction systems...), all this affects data and should be included in the study. Floor plans should be included. Ventilation conditions are not described. Occupancy is not described.
- The selection of air quality parameters is not explained enough. Why are these contaminants relevant?
- The equipment used should be widely described: accuracy, model, how it works... There is no information. Where are the detectors placed (position in the rooms, height...)?

Results and discussions:

- It would be better to present comparative graphs instead of such a number of tables; that makes it very difficult to understand the data acquired.
- There is no discussion about the quality of indoor air (is it safe? Is it within safe values?) What about temperature and relative humidity? What is the range in which the conditions are adequate? There is no information.

Conclusions:

The conclusions are quite general; more specific conclusions about the paper (showing the contribution to science) should

be presented.

It is necessary to conduct a global review of English grammar: punctuation marks, upper and lower case letters, forms of expression...

The list of references should be improved. There are a lot of sentences that should be supported by a reference. A minimum of 40 references would be a good number.