

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.

I'm reviewing as an expert in urban ecosystem management, focusing on atmospheric monitoring. My specific comments on the methodology are as follows:

1. Figure 1 can be improved to show the boundaries of the study area. The coordinates of the study area should also be included.
2. The location of the specific study area presented in Table 1 should be merged with Figure 1 using software such as Google Earth/Maps, GIS, or any other relevant spatial software to better illustrate the sampling points.
3. Sampling frequency and duration: Sampling conducted at 10am in the morning and 4pm in the afternoon is difficult to capture variations in air quality. Data collection over a two-week period (between 25th of June 2023 and 3rd of August 2023) couldn't capture seasonal variations.
4. Section 2.2 Data acquisition: Cite which standard procedure is followed in the current study.
5. Section 2.2 Data acquisition: "*Data corrections were also carried out from the collected data and later saved them on an SD card for onward data analysis.*" Elaborate on what the authors mean by data corrections.
6. Section 2.2.2: Include the sensor accuracy from the instrument's fact sheet.
7. Section 2.2.3: Hanging sentence.
8. Section 2.2 can benefit by using appropriate figures to illustrate the setup of the instrument for data collection.
9. Section 2.4: What is the human involvement in this study that requires ethical consent? This is not explained.