

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

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Potential competing interests: No potential competing interests to declare.

The current research aims to analyze several different atmospheric parameters at Lead City University in Nigeria. The researcher's purpose is to collect data from 15 different collection sites.

Air quality monitoring is difficult and usually incurs an elevated cost, which makes research in developing countries such as Nigeria extremely valuable.

The research, however, presents several fragilities which need to be reviewed.

1. It is necessary to present a map of the city's location. A Google Maps print screen cannot be accepted.
2. Similarly, if one of your goals is to analyze the relationship between different land uses and covers from different sites and the atmospheric parameters, it is necessary to show a map of the sites and describe each one so we can understand the differences in the collected values.
3. It is necessary to show more details on how the monitoring was performed. Did the authors use only one piece of equipment? How was it validated?
4. The results would be better presented if they were shown on a map and not in graphics. The graphic numbers are quite confusing when we try to relate them to the site numbers presented in Table 1.
5. Did the collected data pass through some kind of filter or treatment? If not, they should have; the 999 values for PM2.5 were probably a mistake and they contaminated your analysis.

By answering these questions and making these reviews, I believe your research could contribute a lot more in the air quality field.