

# Review of: "IoT Noise And Air Quality Observation System"

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**Potential competing interests:** No potential competing interests to declare.

## Review Comments:

1. Authors must modify the abstract as per the workflow, which is missing.
2. A numerous amount of work based on IoT Noise and Air Quality Observation Systems has already been proposed and published. What major impact and novelty this work has in this field is missing.
3. Authors must highlight the proposed gas interface mechanism, which is missing in the manuscript.
4. Authors mentioned that gas sensors can detect flammable gas in a range of 300 - 10000 ppm. However, in air, there are numerous gases present which can detect only a small percentage of gas concentration, i.e., <10 ppm. A brief explanation is required to justify the comments.
5. Authors must compare the recent literature to justify the proposed work, which is missing.
6. How can this proposed work apply in terms of real-time Air Quality Systems, for example, coal mines, the wine industry, etc.?
7. In addition to this, authors must use some protocol (like MQTT, etc.) to get better accuracy in terms of detection of noise and air observation in an IOT platform.
8. In conclusion, authors must highlight the deficiencies and future scope of the work.