

Review of: "Research question: What effect does vegetation have on sound pollution in Delhi?"

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Potential competing interests: No potential competing interests to declare.

The paper addresses an important issue for the dynamics and functioning of today's cities.

The analysis carried out to identify how noise affects buildings near traffic lights is interesting. It is suggested to extend this study to all the buildings adjoining both traffic lights and the respective traffic circulation route. It would be even more interesting to see how noise impacts or not on buildings that are protected by the green belt.

When it is mentioned that noise pollution is the third most serious type of pollution in the metropolis, according to the World Health Organization (WHO), it is suggested to mention the values of maximum decibels admitted and their reference or how much it grows up the noise levels.

It is recommended that the bibliographical references be current or at least 10 years old (avoid citations from 1980-2000) unless they are important references in the subject.

It would be convenient to record the flow of vehicular traffic or vehicle count, determining the type of vehicle: motorcycle, car, truck.

It is important to consider that the plants selected for the natural barrier or plant belt are from the natural flora or from the appropriate introduced flora, as long as they are compatible in their adaptation or resistance to environmental contamination typical of the city under study.

It is suggested to indicate how many surveys were carried out to ensure that it is a statistically significant number and that it is a rigorous contribution to the results.

The design principles for the plant belt and the composition of the different plant strata types are precisely detailed.

For future research, it is suggested to make measurements with decibel meters, instead of the sound frequency recording app.

Very good starting point to begin the study of noise mitigation by presence of green or vegetable belts.