

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

Mehmet Nuri Ilgürel¹

¹ Yildiz Technical University

Potential competing interests: No potential competing interests to declare.

This study, which seems to be a draft of an article, is a study about an environmental noise problem in crowded cities. The study brings up as a research question that using belts of trees may help in solving noise problems in cities. My evaluations about this study are as follows:

- I would prefer to use noise pollution instead of sound pollution in the title and in the entire text.
- The abstract does not reflect the structure of the study. The main results of the study should be cited here. In the abstract section there are some statements that need to be corrected. Instead of using "how the presence of a green belt helps" using ".....may help" would be a better approach to the issue since we do not know the degree of noise level decrease due to the tree belts..it will highly change according to the circumstances for each case. "sound decibels" is a wrong term, "sound level" is the correct term.
- The setup of the research and the stages of the method to be followed should be developed. IMRAD (Introduction / Method / Results and Discussion)
- The literature review should be done more comprehensively and the methods followed in similar studies should be examined. Measurements should be made with a sound level meter in accordance with standards and for day - evening - night time periods. (instructions of the Directive 2002/49/EC may be followed.)
- I think it is important to make measurements near a traffic road in New Delhi with a belt of trees and near the same or similar roads with the same traffic intensity but without trees or vegetatio, and the circumstances should be clearly indicated such as the heavy vehicle percentage, the future of the asphalt on the road, the direction and strength of the wind.