

Survey of Sound Pollution in our locality



Submitted By

Roll No.....

Reg. No.....Session.....

Certificate from the Project Supervisor

Certified that the Project presented in dissertation entitled "Survey of Sound Pollution in our locality" has been carried out byfor the partial fulfillment of the requirements for the degree of Bachelor of Science in Botany of Prabhat Kumar College, Contai under my supervision. Neither this project nor any part been submitted for any degree.

Further certified that.....has followed the rules and regulations as laid down by Prabhat Kumar College, Contai for carrying out work.

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I would like to express my sincere thanks to my parents and friends for their encouragement and sacrifice.



INTRDUCTION:

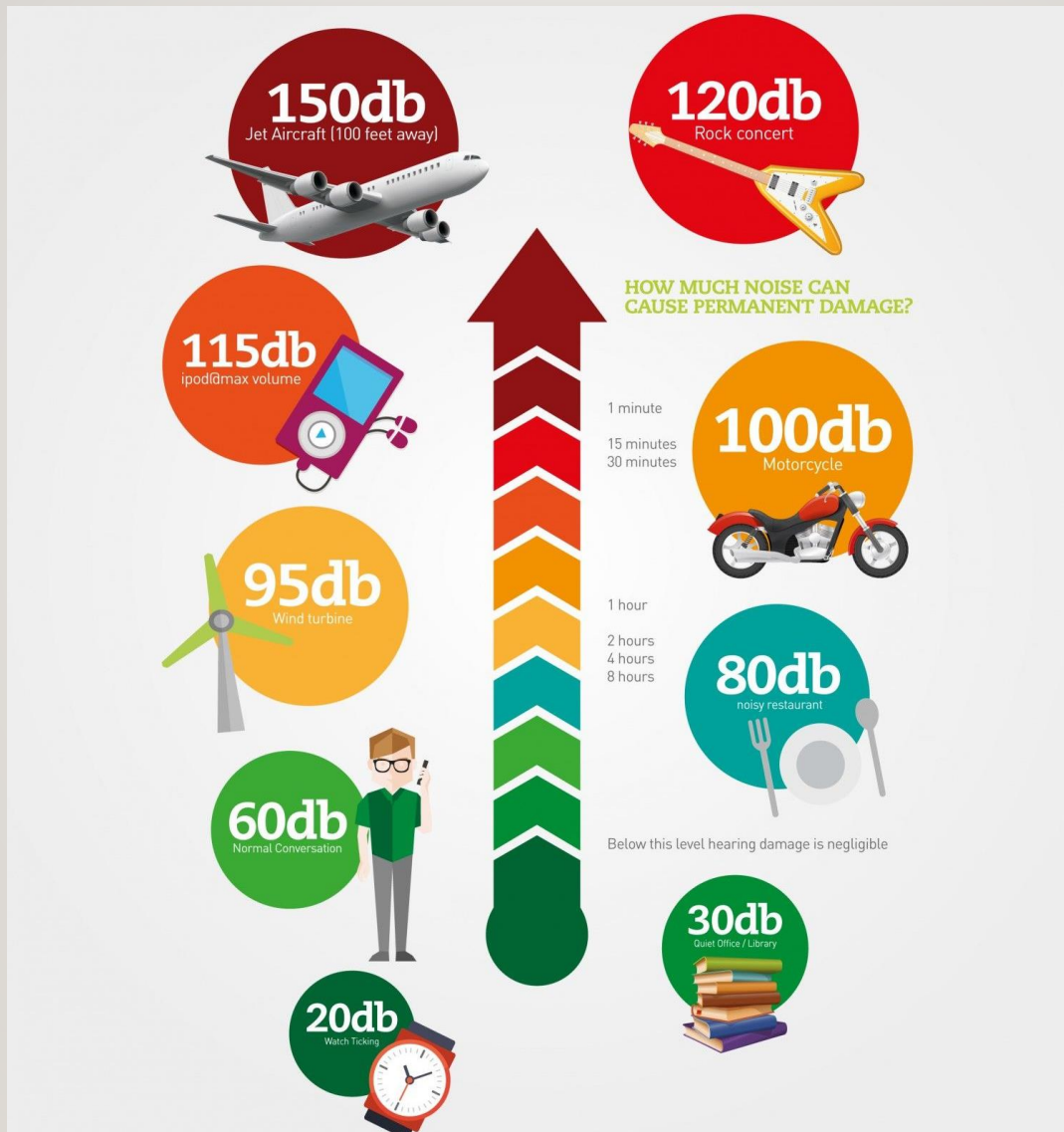
Sound, a normal feature of our life, is the means of communication and entertainment in most animals, including human beings. It is also a very effective alarm system. A low sound is pleasant whereas a loud sound is unpleasant and is commonly referred to as 'noise'. Noise can be defined as an unpleasant and unwanted sound at a wrong time and at a wrong place.

Even though noise pollution is not fatal to human life, yet its importance cannot be overlooked because repeated exposure to noise reduces the sleeping hours and productivity or efficiency of human beings. It affects the peace of mind and invades the privacy of a human beings.



AIMS:

- To understand the sound pollution
- Sources of Sound pollution
- Solution



Study area



Effects of Noise Pollution:

Noise is generally harmful and a serious health hazard. It has far reaching consequences and has many physical, physiological as well as psychological effects on human beings.

i. Physical Effects:

The physical manifestation of noise pollution is the effects on hearing ability. Repeated exposure to noise may result in temporary or permanent shifting of the hearing threshold of a person depending upon the level during the exposure.



ii. Physiological Effects:

The physiological manifestation of noise pollution are as mentioned below:

(a) Headache by dilating blood vessels of the brains.

(b) Increase in the rate of heart – beat.

(c) Narrowing of arteries.

iii. Psychological Effects:

The psychological manifestation of noise pollution are:

Depression and fatigue which considerably reduce the efficiency of a person.

Emotional disturbance.



Control of Noise Pollution:

It is evident that noise is not merely a nuisance but is a serious environmental problem and a health hazard. Like all other pollutions, noise pollution needs to be controlled by measures which will maintain the acceptable levels of noise pollution for human beings and buildings.

Noise pollution can be effectively controlled by taking the following measures:

Control at Receiver's End:

For people working in noisy installations ear-protection aids like earplugs, ear-muffs, noise helmets, headphones etc. must be provided to reduce occupational exposure.

Ear plugs are simple to use, inexpensive and can be relatively comfortable.



Suppression of Noise at Source:

This is possible if working methods are improved by:

- (a) Designing, fabricating and using quiet machines to replace the noisy ones.
- (b) Proper lubrication and better maintenance of machines.
- (c) Installing noise machines in sound proof chambers.
- (d) Covering noise-producing machine parts with sound-absorbing materials to check noise production.

