

Noise pollution



Noise pollution is one of the most pressing problems of the ecology of modern cities. Every year the noise level in large cities is inexorably increasing.



Noise is the sound of high volume.





NOISE POLLUTION
may cause
high blood pressure,
sleeping disorders,
and heart problems.

According to the standards approved by the World Health Organization, the norms of noise at night are not more than 40 decibels. This level of noise is usually observed in quiet areas in cities.

The noise level on a busy city street, as a rule, is over 55 decibels. If a person stays in conditions of such strong noise pollution for quite a long time, it is possible that his blood pressure will increase, his heart activity will be disturbed. Unfortunately, the WHO commission found that every fifth European resident is daily exposed to noise of more than 55 decibels.

уровни шума (в дБ)



One of the most famous cases of damage caused by noise pollution to nature are the numerous situations in which dolphins and whales were thrown to the shore, losing orientation due to the loud sounds of military sonars.



Low-Frequency
Sonar Platform



Survey Vessel



Commercial vessel

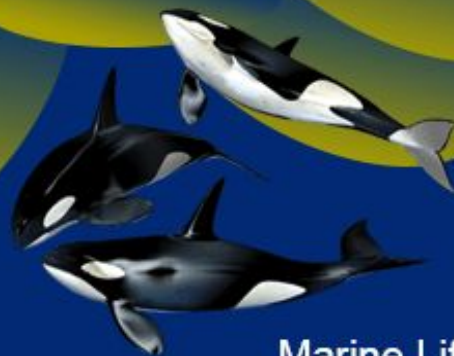
Propeller/machinery
above 180 dB

Hydrophone array

Sonar source array
200-250 dB



Submarine



Marine Life



HOW TO PREVENT

NOISE POLLUTION



1. On highways with heavy traffic, install noise insulation panels.

2. In the apartment you can make repairs with the use of soundproof materials.

