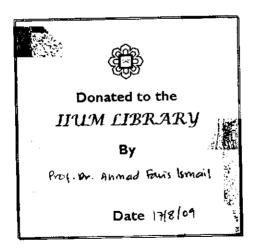
E HICS OF ENGINEERING EDUCATION

Editors

Abdi O. Shuriye Ahmad Faris Ismail Azweeda Bt. Dahalan @ Ghazali





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A STUDY ON NOISE POLLUTION ON ISLAMIC PERSPECTIVE

Zohir B. Lahcene and Hamzah M. Salleh

ABSTRACT

In this paper, the issues related to the environment were discussed in the light of the noise pollution. Noise leads to environmental, psychological and physical harms. There is the evidence that inhabitants of large cities suffer from fatigue and psychosomatic disorders due to constant exposure to noise. Although noise has been considered harmful or at least unpleasant, noise pollution has been regarded as the worst negative effect of the industrial era, and a characteristic of industrially developed societies. Noise is a major source of nuisance in urban environments, and in general 70% of the inhabitants of large cities usually describe noise related disturbances as a very important factor affecting life quality. Numerous effects on the human environment due to the increase in noise pollution; such as change of mood, nervous tension, stress and the increase of cholesterol in the blood [1]. Slowly, insensibly, we seem to accept noise and the physiological and psychological deterioration that accompanies it as an inevitable part of our lives. Islam takes care of the human being and make sure that he should not be subjected to loud and annoying noises to prevent harm to him both physically and psychologically. This work is committed to improving the environment of all creates. We decided to conduct research into the issue of noise pollution, in order to understand more about the magnitude of the problem. We hope, you will find this report informative and useful, and that it will help you to take fruitful measures to reduce noise pollution. Keywords: Environment, Noise pollution, Religion, Control.

1. INTRODUCTION

Noise Pollution or Sound Pollution, exposure of people or animals to levels of sound that are annoying, stressful, or damaging to the ears, Although loud and frightening sounds are part of nature, only in recent centuries have much of the world become urban, industrial, and chronically noisy. Sound intensity is measured in units called decibels. The decibel scale is logarithmic and climbs steeply: An increase of about three decibels is a doubling of sound volume. In the wilderness, a typical sound level would be 35 decibels. Speech runs 65 to 70 decibels; heavy traffic generates 90 decibels. By 140 decibels, sound becomes painful to the human ear, but ill effects, including hearing loss, set in at much lower levels.

Most noise pollution comes from machines, especially automobiles, trucks, and aircraft. Construction equipment, farm machines, and the din of machinery inside factories can be dangerously loud. Some home appliances, shop tools, lawnmowers, and leaf blowers can also be noisy, as are guns, firecrackers, and some toys. Even music, when played at very high volume, particularly through personal headphones, is as damaging to the ears as a roaring chain saw.

Even the oceans are increasingly noisy. The engines of ships, especially large vessels and supertankers, produce a lot of sound, and traffic is increasing. Offshore oil exploration and drilling are also noisy. And more recently, very loud, low-frequency sonar signals are being sent through the seas to detect submarines and to gain information about water temperatures and global warming.

The work of this paper is organized as follows; the next section covers the basic definitions of noise based upon different sources and also looks upon the classifications of the topic in context. The causes and effects are studied in section 3 and conclusion is made in section 4.