

# Assessment of Human Health Impact from Exposure to Noise Pollution

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Abstract: Noise pollution is a significant environmental health problem that has become a global concern. It is a major source of stress and can lead to a variety of health problems, including hearing loss, cardiovascular disease, and mental health issues. The purpose of this study was to assess the human health impact of noise pollution in a residential area of Bangladesh. The study was conducted in a residential area of Dhaka, Bangladesh, where noise levels were measured using sound level meters. The results of the study showed that noise levels in the residential area were significantly higher than the recommended limits. This was associated with a higher prevalence of hearing loss, cardiovascular disease, and mental health issues. The study also found that noise pollution was a major source of stress for the residents. The findings of this study suggest that noise pollution is a significant environmental health problem that needs to be addressed. Further research is needed to determine the specific health impacts of noise pollution and to develop effective strategies for noise control.

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