



## Assessment of Noise Pollution in Balasore Area, INDIA

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### ABSTRACT

*Due to augment of urbanization, industrialization, transport network and motorization the noise level is exceeding the prescribed limits in many Indian cities day by day. The health implications of high noise levels are being identified as hypertension, sleeplessness, mental stress and so on. Due to this adverse effect of noise level, it is essential to assess the impact of noise pollution. An assessment of noise pollution and its effects was made by analyzing the noise pollution indices such as  $L_{eq}$ ,  $L_{10}$ ,  $L_{50}$ ,  $L_{90}$ , N.C,  $L_{np}$ , and TNI. The findings conclude that the Noise Pollution and its effects are of serious concern to the general public in Balasore area. The Noise Pollution of the study area was greatly influenced by vehicular traffic and the industries around Balasore area.*

**Keywords:** Noise,  $L_{eq}$ , N.C,  $L_{np}$  and TNI

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