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NOISE POLLUTION AND HEALTH IMPACT IN URBAN ARGES AREA

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Abstract

Economical development in the Arges district, in the recent years, presents some aspects regarding the compliance with noise environmental regulations. The noise and its impact on human health is one of the most important objectives of the health assurance policy. In this paper a comparative study of urban noise in the principal cities of the Arges district is performed. The data monitoring of noise pollution were carried out by using of specific standard methods with a Sonometer Delta 2010. There are correlations between the activities highlighted monitoring pollution with noise and economical and social activities in the area. Similar areas registration of noise were selected for the measure of sound equivalent level, instantaneous peak level or maximum peak level: in nearby schools, hospitals, roads and parks. These results are been presented by comparing parameters of noise which were determined in the similar conditions, but in different periods of time.

Key words: effects of environmental noise on health, environmental monitoring, noise and health disorders, urban noise measurement

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