



“Gh. Asachi” Technical University of Iasi, Romania

***ICEEM/03 – ENVIRONMENTAL MANAGEMENT
SECTION***

Environmental Impact and Life Cycle Assessment

**IMPACT ASSESSMENT OF NOISE
CASE STUDY: RECREATION AREA – ROMAN
MUNICIPAL PARK**

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Abstract

The purpose of this paper was to quantify the noise level and to elaborate an evaluation scale (grades from 0 to 4) from which it can be understood how damaging is noise for human health.

Impact assessment of noise generated in Bus-Train Station Roman area was performed by noise measuring and results evaluation by impact assessment methods that allowed concluding that there is a significant impact, both on environment and human health. For impact assessment, a specific method was elaborated and the results of the new method were compared with the European norms from the same field.

Keywords: noise level, evaluation scale, impact assessment, admissible limits, noise measurements

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