

## ROAD TRAFFIC AND THE NOISE IN URBAN AREEA

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### Abstract

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**In the paper are presented the results regarding the noise prediction for cities using the CADNA noise mapping soft.**

**There are presented the complete procedures regarding the urban noise prediction and examples for the noise measurement and prediction in important crossings from Cluj Napoca city.**

**The prediction results were compared with the measured values from similar road traffic conditions. The differences regarding the prediction and the measured values were analyzed and some proposal was presented regarding reliable prediction values.**

### Keywords

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**noise, traffic data, decelerometer, prediction**