

MOBILE URBAN NOISE POLLUTION INVESTIGATOR SYSTEM

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Abstract

This document presents our efforts in designing and implementing a noise pollution investigator system. The system is made up of two main modules. One is the central part of the system, represented by a web-server that is capable of displaying information regarding noise pollution in urban areas, and the other part of the system is represented by one (or more) mobile unit(s) used for data acquisition. The mobile unit is in charge of recording noise levels and to send them through a mobile phone to the server. The server then collects the data from the mobile unit, processes it, and displays it in a user-friendly fashion.