

Noise as an Indicator of Residential Areas' Quality in the Municipality of Velenje, Slovenia

Natalija Špeh (1)

Katarina Ostruh (2)

(1) Environmental Protection College, Velenje, natalija.speh@vsvo.si

(2) Municipality of Velenje

Abstract

Presentation of the project is focused on preliminary measurements required to produce professional bases, in order to assess degree of exposure of individual sites (and their population) to different sources of noise to prepare an exact spatial representation and a set of the most urgent and effective remedial action. The results of the study will also be used for: a) establishing anti-noise measures and b) the findings of the study and the data acquired will supplement cartographic base and conditions for land use (Municipal Spatial Plan) and determine the level of protection against noise, thus allowing more simple and authentic issuing of permits to applicants for further spatial use in the researched areas. The results of this study will serve as a starting point for identification of critical areas with excessive noise level and to determine corrective action.

Keywords: noise, quality indicator, residential area, spatial distribution, Municipality of Velenje