

Effects of noise on the streets and urban planning

Atanasio Moraga P.

Barrigón Morillas J.M.

López Luis C.

Rey Gozalo G.

Montes González D.

Vílchez Gómez R.

The presence of different sounds sources in urban environments, their number and their relative importance are closely related to temporal and spatial aspects and to the urban structure. Therefore, all these sources generate a sound environment with a dependence on the place and the time where listeners are. This sound environment is in many cases a reason of discomfort and it has negative effects on the health and quality of life of the people exposed to it. Focusing on this area, the effects of the sound environment on the perception of people who walks through the streets of a small city are studied in the present work and this perception is related to urbanism. ©

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Sound perception

Soundscape

Traffic noise

Urban planning