

Non-acoustic indicators associated with noise nuisance generated by air traffic around airports in urban areas

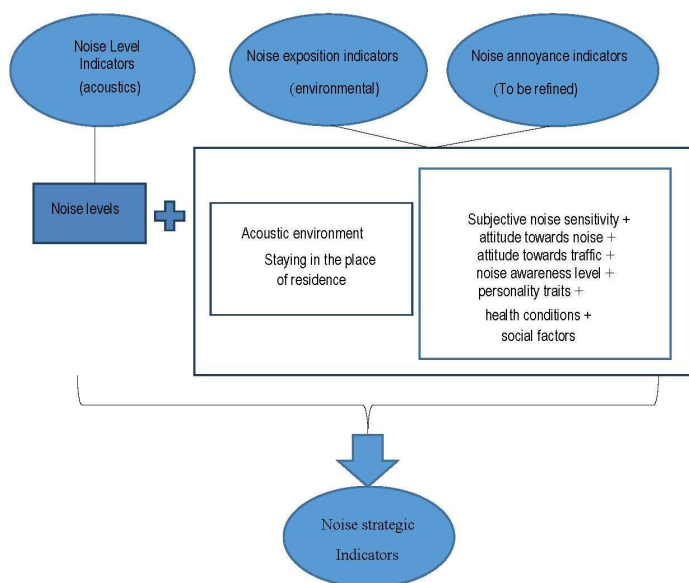
Summary

This study aims under a conceptual framework identify and verify the relationships between non-acoustic factors associated with the annoyance generated by air traffic noise around airports in urban areas.

The research aims to propose a conceptual model based on non-acoustic factors associated with the annoyance generated by air traffic noise around airports in urban areas under a theoretical perspective. In scientific terms, this study intends to answer the following questions: What are the possible variables that best describe the annoyance generated by air traffic noise based on non-acoustic factors? What are the possible covariance relationships between such variables to confirm the hypotheses of relationships between the set of variables and latent factors? What is the intensity and direction of the presumed cause-and-effect relationships of a given stochastic model?

Keywords

Noise, air traffic annoyance, non-acoustic factors, airports, urban areas.



Process of individualization of noise indicators in transport, adapted from Pronello and Camusso, 2012.



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