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ASSESSMENT OF THE INDOOR ENVIRONMENT OF DWELLING HOUSES BY APPLYING THE COPRAS-G METHOD: LITHUANIA CASE STUDY

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Abstract

A number of researchers demonstrate the influence of an indoor environment on human health and activity. Therefore, it is important to assess the indoor environment and to improve it when necessary. An analysis of an indoor environment and the ways to assess it are presented in this paper. Since an indoor environment depends on a number of attributes, we propose using of the COPRAS (Complex Proportion Assessment) method, based on measures expressed in intervals COPRAS-G method, for a multi-attribute assessment of an indoor environment in dwelling-houses. The results obtained by evaluating the indoor environment of dwelling-houses allow us to choose a rational living and working place reasonably.

Key words: assessment, COPRAS-G, dwelling house, indoor environment, MADM

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