

LIVABILITY OF VERTICAL APARTMENTS: A STUDY OF THE RELATIONSHIP BETWEEN ENVIRONMENTAL PSYCHOLOGICAL SATISFACTION AND HEIGHT OF LIVING WITH SPECIAL REFERENCE TO LOW INCOME APARTMENTS

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ABSTRACT

A “house” is one of place that fulfil the physiological needs and it can be transformed in to a “home” with fulfilment of the physiological needs as well as psychological needs. In present, home concept has become more complex in urban areas with vertical apartments. In Sri Lankan context, low-income vertical apartment complexes are emerged in urban areas as resettlement projects specially in Colombo district. The study focused on livability of low-income category through the environmental psychological satisfaction and their height of living.

Four low-income apartments located in Colombo district were selected for this study. The study based on both quantitative analysis and qualitative analysis. The primary data collection method was structured questionnaire and the secondary data are collected by analysing case studies using layout and plans, photographs of four apartments. Stratified random sampling method was used to select the participants (144 individuals from three apartments).

Safety, friendship and relationship with neighbours, basic residential infrastructure, and attachment of residential area, open natural spaces, privacy, personal spaces, and territoriality are the determinants that used as the basis of the questionnaire. The primary data analyzed by using SPSS (Statistical package for Social Science) and the study was used estimation methods of OLS (Ordinary Least Square) estimation. The findings showed a relationship between environmental psychological satisfaction and height of living and how design response impacted on it.

Key words: Livability, environmental psychological satisfaction, height, vertical apartments.