The review for the use of urban climatic map in the land use plan for urban planning

Abstract

Urbanisation leads to positive and negative impacts on the society. While it contributes to economic growth, it also brings negative impacts to the environment and public health. The growth of urbanisation is unavoidable; therefore, sustainability needs to be maintained to preserve the livability of urban dwellers. The intention of this study is to review the use of climatic information in planning future developments in the local land use map. The status of content and research method were done in order to understand the real situation of this environmental integration. In turn, the identification of the gaps of a study. The findings of the study were used to propose the climatic indicators for the existing and new map. Future studies may focus on conducting preliminary experiments to apply the urban climate map in the local context.

Author keywords

Climatic indicators, Urban planning, Urban climatic map, Urbanisation

References (60)

