

A CRITERION FOR MEASURING URBAN INTELLIGENCE

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Abstract

The emergence of complicated problems encountering the urban environment, like absence of sustainability, has led to the initiation of the notion called "Intelligent Urban Conglomerations".

It aimed to maintain a minimal level of balance between features of the urban environment, through clinging to more prudent actions towards urban policies, like increasing awareness of healthy environment, energy, mobility organization, and other issues.

A great and persisting need has emerged for a practical scientific evaluation means for urban plans in all of their technical phases.

The research aims to advance a practical methodology for monitoring and evaluating urban projects, throughout designing, implementation, and operation phases, and parallel to the designer thoughts and ideas. It proposes a criterion for measuring the efficiency, positive conformation, and consequently the "intelligence" of the urban conglomeration under study.

Aiming for certain standards to be achieved in policies throughout the planned or currently functioning urban clusters, the proposed measuring scale was able to assign a certain rank to a specific urban cluster put under study in order to evaluate its "intelligence". This measuring scale resembles an upgradable measuring means that is capable of altering its measurement criteria covering diverse types of projects and through different points of viewing.

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