

An overview on various criteria used to select an optimal location of a logistic hub

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Abstract

International logistics competitiveness requires to think about a national strategy to reduce mainly the logistics cost. It is undeniable that the logistical platforms (Hub) offer a very interesting potential competitiveness.

The objective of this paper is to help decision makers choosing a location of logistics platforms in Morocco. This choice should be based on international and national standards in accordance with PESTEL model.

Through this article, we present, initially the main axes of the national strategy of logistics competitiveness development detailing the multi- flow logistics areas. Then we present a review of the literature about the recent efforts and development in multi-criteria location problems

Subsequently, we aim to define the selection criteria considered by investors in the selection of land. These criteria will be classified according to PESTEL model.

Finally, we develop a mathematical model that describes the location of choice issue, presenting the decision variables, and respecting the predefined criteria.

Keywords

Hub Location, Criteria, Logistic, Decision Making, PESTEL Model

Biography

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