

Propuesta De Un Modelo Multicriterio Para Seleccionar Estrategias De Logística Inversa De Residuos Hospitalarios Aprovechables

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Abstract

Solid waste management involves making decisions regarding different alternatives that impact the environment, society and economy. For this reason, reverse logistics strategies have been initiated in order to recover the value of waste and reduce the negative impact on the environment. The objective of this article is to propose a model to selecting strategies for the reverse logistics of hospital waste that can be used, considering multiple criteria to support the decision-making process. Different important criteria were identified in the review of the bibliography, they were validated from primary sources, with which they were determined which should be considered in the process, as well as identified more convenient inverse logistic strategies, AHP methodologies and TOPSIS to obtain the results of the decision.

Keywords

Logística inversa, Gestión de residuos hospitalarios, toma de decisión multicriterio, AHP, TOPSIS.
Reverse logistic, Health-care waste management, multicriteria decision making, AHP, TOPSIS.

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