

# **The Reverse Logistic as Supporting Municipal Solid Waste Management**

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## **Abstract**

This article present an analyses of reverse logistic strategies that can used as supporting municipal solid waste management in a medium city. First, we diagnose the current situation regarding the management of solid waste in a Colombian city, from generation, collection, treatment and final disposal, using qualitative research. Surveys were used for public officials and others involved in the management system. Further, we analysed different perceptions about evolution waste management, in order to identify possible improvements in the system. Then, Reverse logistics alternatives for municipal solid waste were proposed, which were validated and selected using multi-criteria techniques.

## **Keywords**

Reverse logistic, Municipal solid waste, multicriteria, waste management,

## **Biography**

**Vivian Lorena Chud Pantoja** is an fulltime Professor and Director of Specialization of Engineering is currently a fulltime Professor in the Universidad Santiago de Cali, Colombia.

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