

EVALUATION OF THE ECOLOGICAL EFFECT OF BIODEGRADABLE WASTE PROCESSING IN A COMPREHENSIVE MUNICIPAL WASTE MANAGEMENT SYSTEM

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Abstract

Recycling of biodegradable waste is one of the trends in the recovery of organic matter together with its use for reclamation, but most importantly the reduction of biodegradable waste and the reduction of waste for disposal. The paper presents the use of the decision analysis method in the selection of the most advantageous organic recycling solution in a large agglomeration. The proposed method uses the tool of life cycle analysis (LCA) and decisional analysis.

Keywords: Municipal biodegradable waste; Composting, methane fermentation; LCA analysis; Decision analysis.