



5th INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

“CLEANER PRODUCTION TOWARDS A SUSTAINABLE TRANSITION”

Solid Waste Management Plans in the City of Londrina: A Longitudinal Analysis

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Abstract

Our environment is undergoing increasingly accelerated and intense changes such as climate tragedies and the inadequate use of natural resources. These facts have led to adverse impacts on both men and nature. Thus, this study aims to analyze the Solid Waste Management Plans (SWMP) of companies located in the city of Londrina. This is a documentary, qualitative and quantitative research in a longitudinal approach. Data has been collected and added up in a form. The research involved all organizations that submitted the document attached to the Municipal Department of Environment and Natural Resources of the city of Londrina from 2010 to 2013. From the data analysis it was possible to identify wide variations in the number of companies that made the SWMP and high dispersion of business activities. It has also been noticed that the professional profile of people in charge of drafting the document has changed over time. The results point out to the need to review the municipal legislation regarding the metrics used to submit data by companies, as well as the need for better effectiveness of the Municipal Department in the monitoring of the municipal legislation.

Keywords: *Environment; Residues; Solid Waste Management Plans; Environment Management.*