



3rd INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

“CLEANER PRODUCTION INITIATIVES AND CHALLENGES FOR A SUSTAINABLE WORLD”

The Cleaner Production in a Research and Education Institute: Bibliometric Study

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Abstract

Cleaner Production is a United Nation's program developed to offer support in order for companies to be managed according to the concept of eco-efficiency, whose objective is to increase the offer of high-quality products and services that cause less environmental impact. The Cleaner Production program, which has been implemented in laboratories of Oswaldo Cruz Institute since 2007, is also known as “Cleaner Research”. The aim of this article is to evaluate the current situation of Cleaner Production in the realm of research institutions all over the world through a bibliometric study. For the accomplishment of this study, a survey of articles on this subject on the main electronic journals' websites was conducted. The articles chosen had been pre-selected by title amongst those that showed the implementation of an environmental management system in a research institution. Only nine of them showed concrete results of Cleaner Production in practice and the prevention of pollution within institutions. These contained case studies on the implementation and adoption of such a system in universities. The other articles were related to the practice of sustainability in the context of the university's syllabus, such as environmental education, but without demonstrating results within the university campus.

Keywords: *Cleaner Production, Research Institute, Environmental Management.*

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