



3rd
INTERNATIONAL WORKSHOP
ADVANCES IN CLEANER PRODUCTION

“CLEANER PRODUCTION INITIATIVES AND CHALLENGES FOR A SUSTAINABLE WORLD”

Environmental Assessment of Natural Resources Located in Urban Areas: A Case Study in the Bacia do Pina and Parque dos Manguezais

T. B. Jerônimo ^a

a. Universidade Federal de Pernambuco, Pernambuco, taciana.barros@gmail.com

Abstract

Population growth in urban centers causes the reorganization of space, causing serious consequences, and long-term shortages of natural resources. In this sense, there is a preoccupation with the measures for conservation of natural resources in metropolitan areas as the city of Recife, state of Pernambuco. The importance of this work is the proposition preservation and conservation measures in areas affected by the inappropriate use of natural resources. This article analyzes the environmental impacts, using the method of Rodrigues *et al.* (2000), suffered by the Bacia do Pina (this consists of rivers, and represents a key element in the dynamics of estuarine ecosystem) and the Parque dos Manguezais (one of the last remnants of mangrove preserved at Recife). It was observed that these areas suffer from the ground due to speculation - building, highway and proximity to a shopping mall near by the mangrove, deteriorating by the deposit of waste affected by the disorder of the urban area, among other factors. This shows the indifference of the public on these sites and the need to integrate the community on environmental issues.

Keywords: *Urban space; Natural resources; Preservation; Conservation and Tourism.*

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