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## INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

“INTEGRATING CLEANER PRODUCTION INTO SUSTAINABILITY STRATEGIES”

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## Physical Indicators for Conducting Environmental Impact Study in Oceanic Cruises

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### Abstract

An Environmental Impact Study is a required procedure for obtaining environmental permits for projects and activities that use natural resources. This study aimed to establish the basic rules for the implementation and development of an Environmental Impact Study in Oceanic Cruises regarding physical indicators. The methodology applied in the preparation of the work was structured in stages. Since this is a theoretical study were used only secondary data. The approach to the subject was made looking up information in books, dissertations, periodicals, specific legislation, etc.. Subsequently dialogues were held with experts in order to obtain specific knowledge to further deepening of the study, as well as interviews with officials from the Port of Recife to obtain information regarding the operational aspects of the port and the cruise. From all the information gathered was defined indicators relating to physical aspects related to environmental quality, as well as the qualitative and quantitative description of those who have supported the development of two specific tables, they were the impact matrix and worksheet weighted Tommasi (1994). Finally, we prepared a matrix multifactorial qualitative for serve as a basis on assessment of the potential impact on a spreadsheet and a weighted quantitative profile, based on the precepts of the spreadsheet and qualitative identification of factors impacting greatest potential and from these measures were outlined mitigating, minimizing and offsetting.

**Keywords:** *Ocean Cruises, Environmental Impact, Environmental Impact Assessment.*

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