

A-122

**The importance of studies on the mitigation of environmental impacts in the Santos Basin Region: focus on pre-salt petroleum and natural gas activities**

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After the pre-salt discovery and the beginning of petroleum extraction in the coastal region of Brazil, a lot of research is being developed on this subject, mainly focusing on petroleum and natural gas exploration and production activities. However, in addition to studies on the technology used to extract oil from the pre-salt region, studies are also being conducted on the impacts that this activity will result in. This project has the objective of showing the importance of studies on the reduction of environmental impacts. These impacts happen in the entire coastal region covered by the pre-salt layer, however, the work focuses on the Santos Basin region and the consequent environmental impacts of petroleum and natural gas exploration and production activities in this region. It is necessary to analyze the impacts related to environmental sustainability, as well as the social and economic impacts. Through this study, an action plan can be created and put into practice and implemented by means of public policies and by private companies.

Keywords: Sustainability, Environmental Impact, Pre-salt, Petroleum and Natural Gas.