



ABRACOS

Acoustic along the BRAzilian COaSt

PROJECT COORDINATOR

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GEOGRAPHICAL DEPLOYMENT

Brazil

DURATION

4 years
2015 – 2018

FINANCING

French Oceanographic Fleet, IRD, Brazilian partners (UFPE and UFRPE)

OVERALL BUDGET

750 000 €

MARBEC REPRESENTATIVE

Arnaud Bertrand
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MARBEC TOPICS

– Individuals, populations and habitats
– Communities' dynamics and functioning
– Ecosystem approach to fisheries

BUDGET FOR MARBEC

750 000 €

OBJECTIVES

The main objective of the ABRACOS project is to achieve a 3D characterisation of the abiotic and biotic ecosystem components, from physics to top predators, and to study their interactions in Northeast Brazil. This project is based on two one month-long at sea surveys performed on-board the IRD *R/V Antea* and has three specific objectives:

- Water mass characteristics and dynamics.
- Ecosystem acoustics.
- Biodiversity, trophic structure and pollutants.

Furthermore, simultaneous seabirds and fishermen GPS tagging experiments are performed in the archipelago of Fernando de Noronha.

5 PARTNERS

- IRD (France)**
French National Research Institute for Sustainable Development
- CNRS (France)**
National Center for Scientific Research
- UNIVERSITY OF MONTPELLIER (France)**
- UFPE (Brazil)**
Universidade Federal de Pernambuco
- UFRPE (Brazil)**
Universidade Federal Rural de Pernambuco



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Flotte océanographique française

