



DRIVERS, SCENARIO PLANNING, AND FUTURE OPTIONS FOR COASTAL COMMUNITIES IN PARATY, BRAZIL

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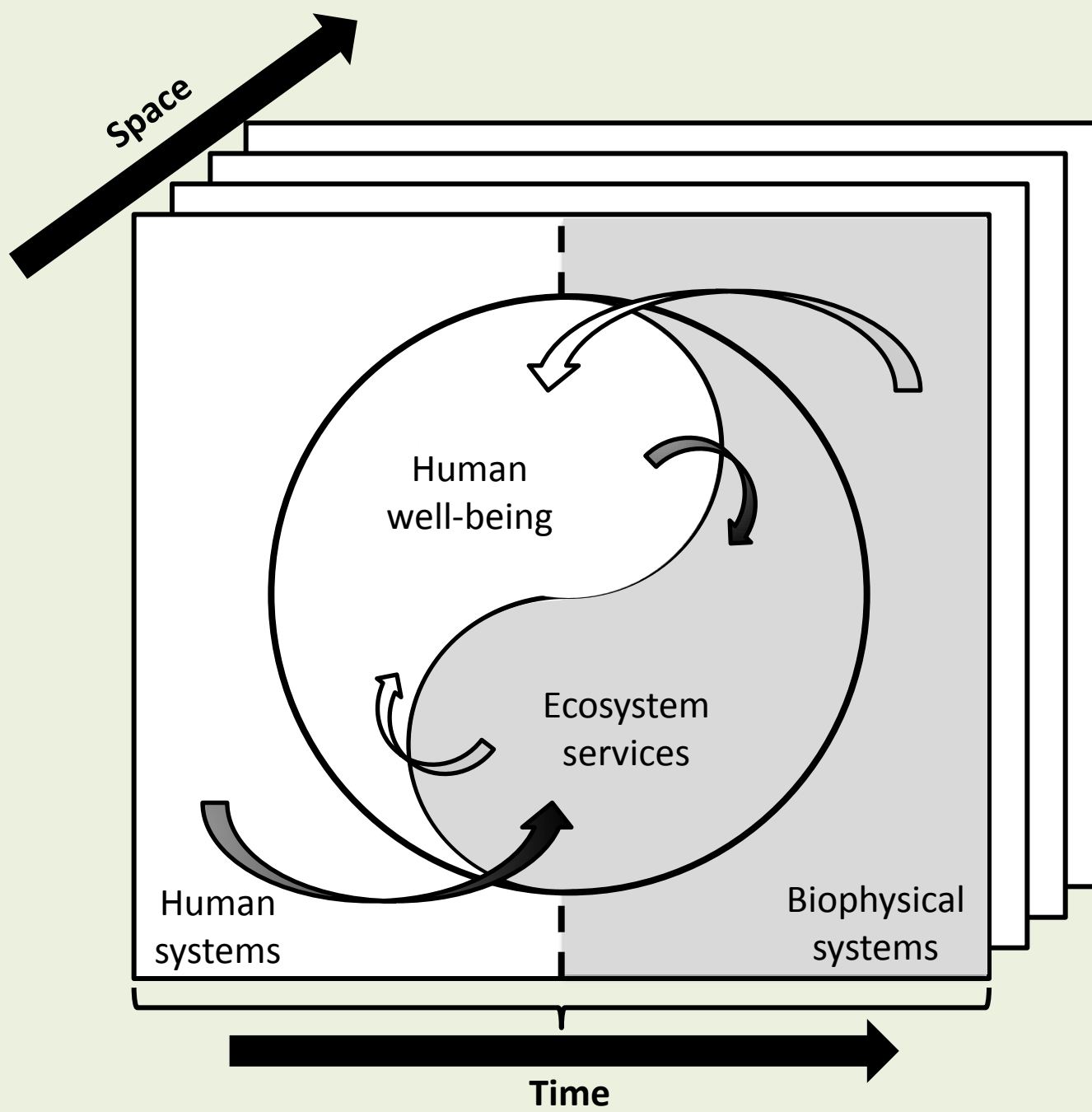
Introduction

- Coastal communities are facing faster and more unpredictable changes
- Paraty (Caiçara communities) is currently impacted by different drivers, such as tourism growth, protected areas, industrial development, depletion of fish stocks, among others
- These changes impact the sustainability of both ecosystem services and human well-being



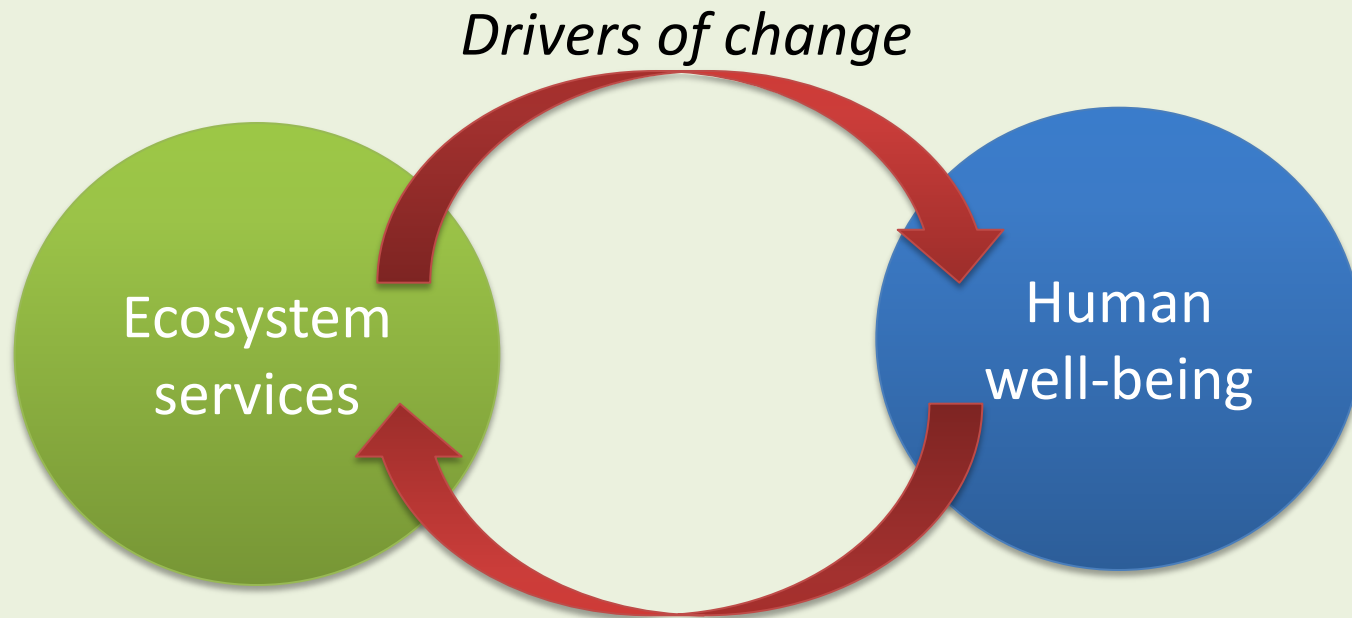
Purpose

To understand how drivers interact at different spatial and temporal scales, and cause changes in ecosystem services and human well-being in Caiçara communities in the region of Paraty.

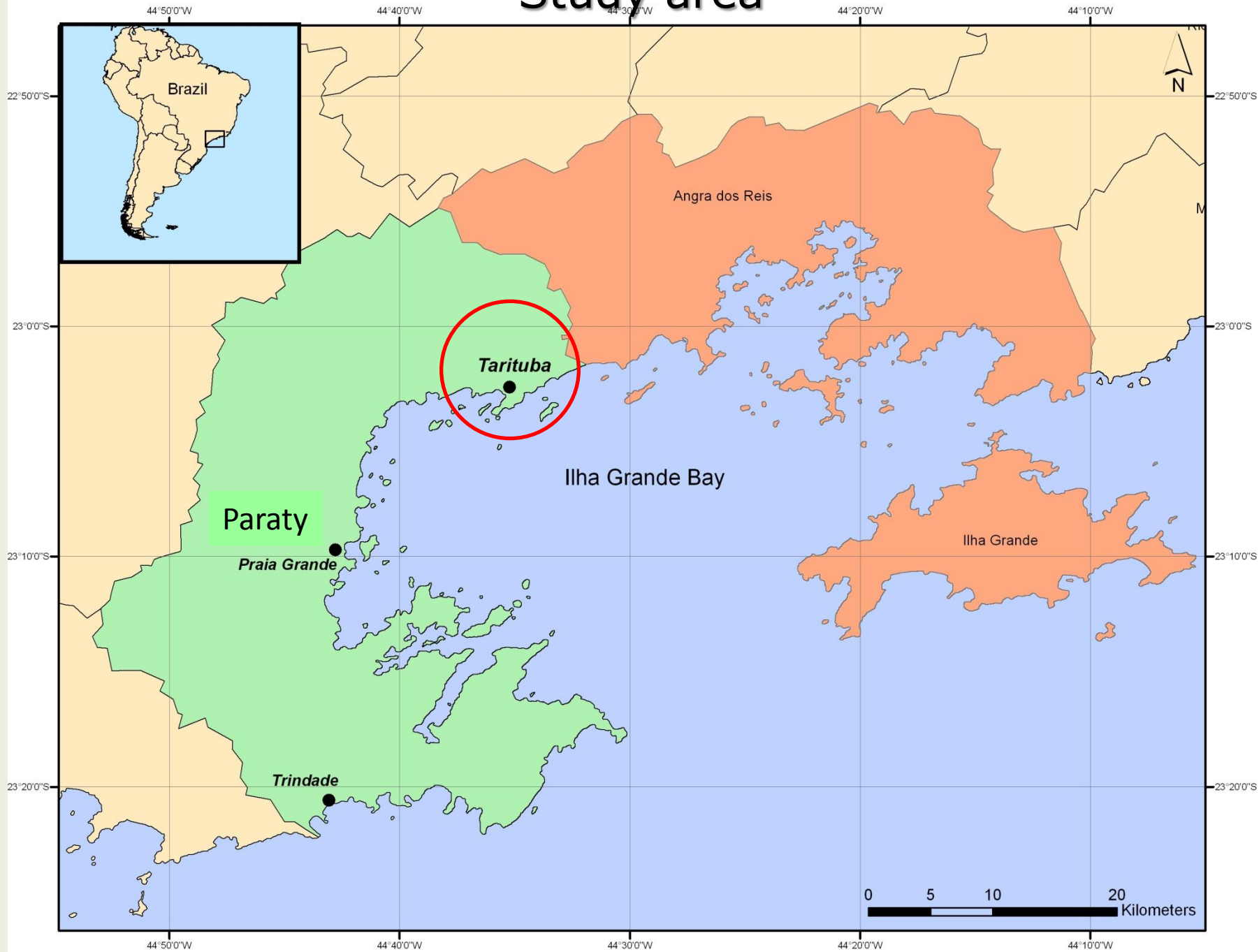




Three guiding concepts:



Study area



Tarituba



- Fishing and tourism related activities

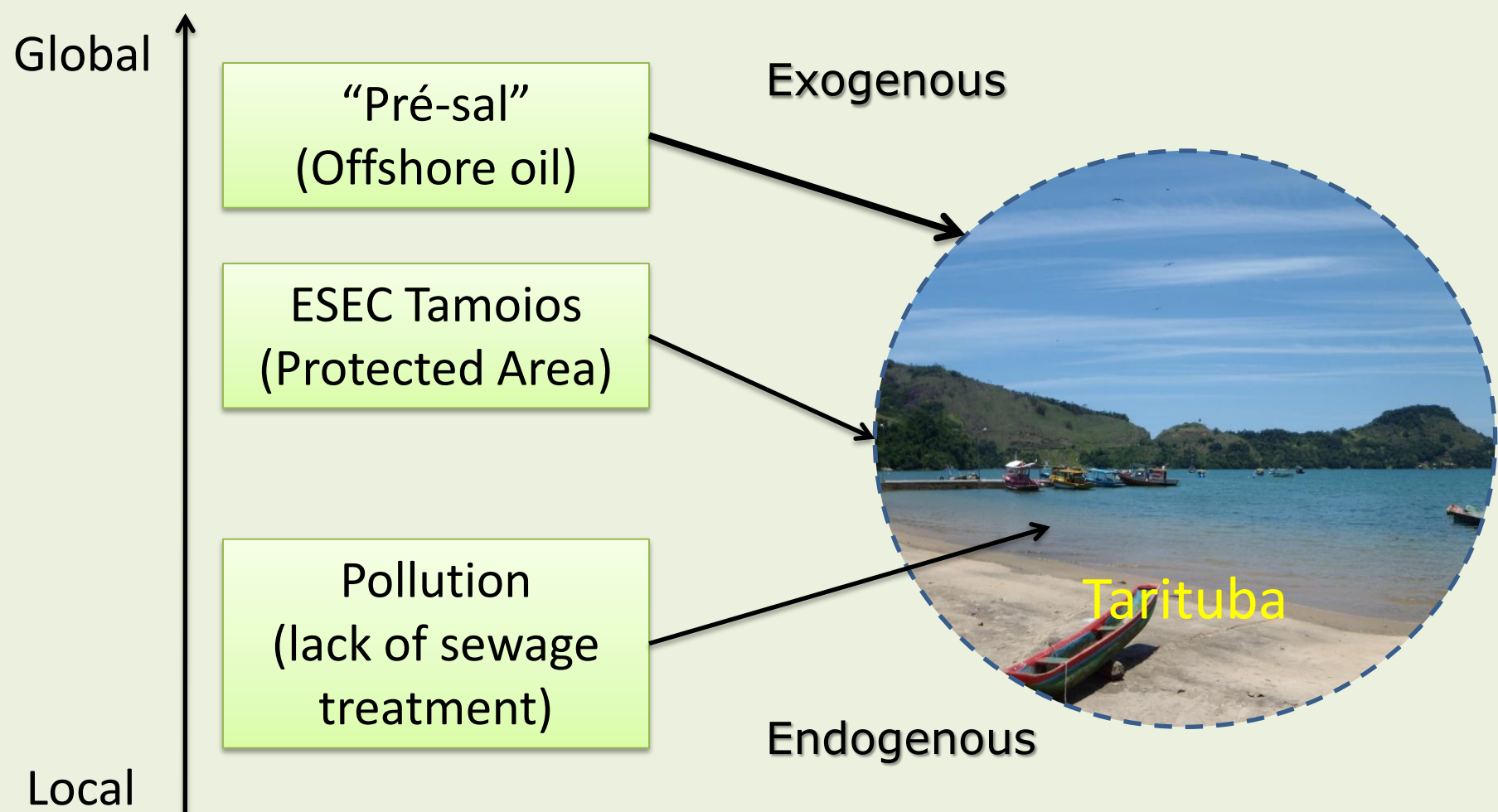




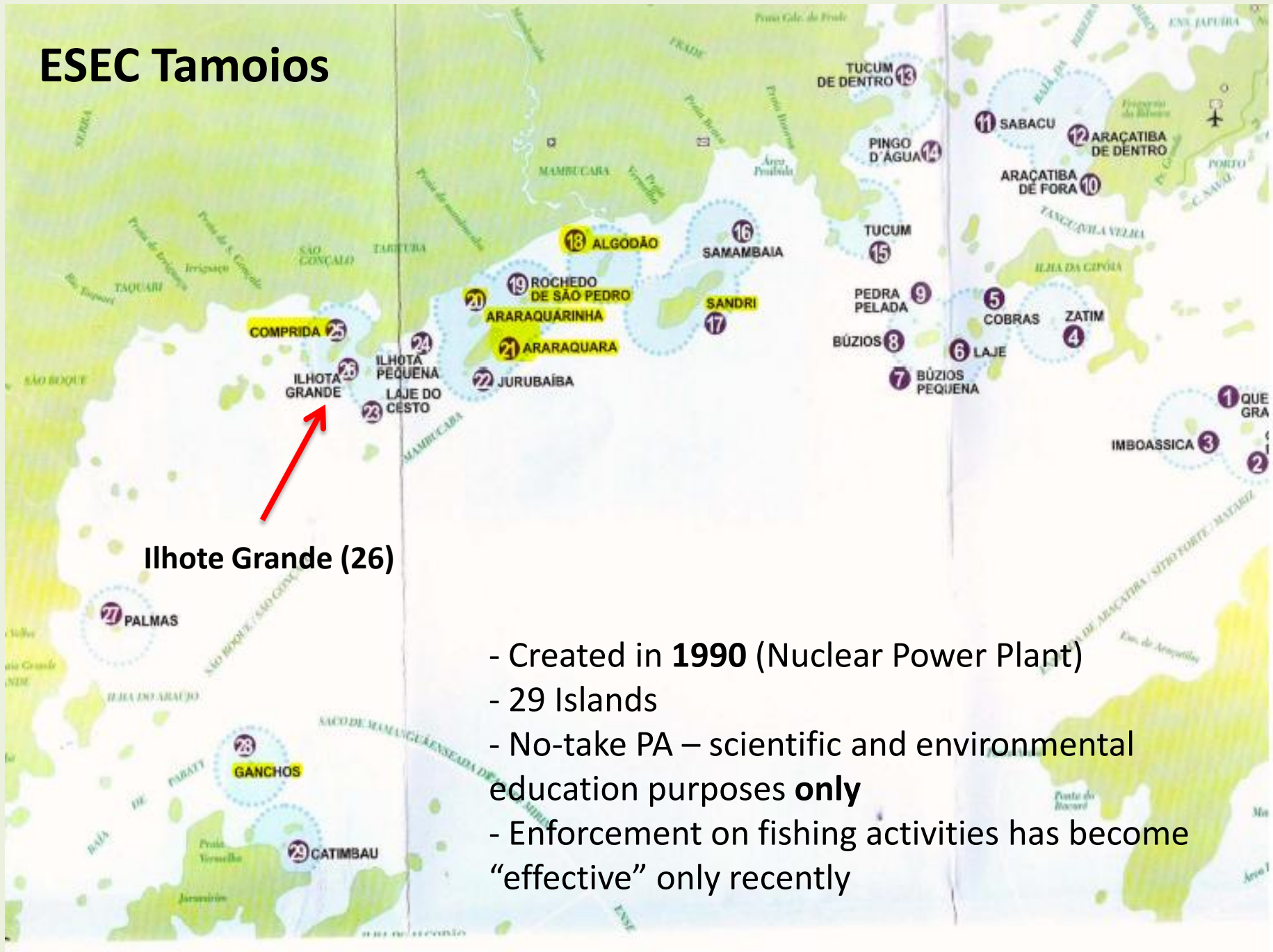
Research approach and methods

- Mixed methods approach
(qualitative and quantitative)
- Sequential exploratory strategy of inquiry
(Creswell 2009)
- Identification of participants: stakeholder analysis
(Borrini-Feyerabend 1997)

Preliminary results: drivers



ESEC Tamoios



Ilhote Grande (26)

- Created in **1990** (Nuclear Power Plant)
- 29 Islands
- No-take PA – scientific and environmental education purposes **only**
- Enforcement on fishing activities has become “effective” only recently

Photo: Sep 13th, 2001

12 de Set de 2001



Image © 2010 GeoEye

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Data das imagens: 13 de Set de 2001

23°04'01.69"S 44°36'02.94"O elev 0 m

Altitude do ponto de visão 513 m

Photo: Jun 17th, 2010



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“O pré-sal é uma dádiva de Deus” (Lula 31/08/2009)





Conclusions

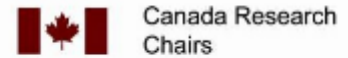
- Social and ecological aspects (human well-being and ecosystem services) may change due to different drivers;
- Protected areas and offshore oil are two (among many) currently important exogenous drivers in Paraty;
- Policies and management plans have to consider these different drivers to reach sustainability;
- Future options for coastal communities (ecosystem services and human well-being) are related to current drivers and uncertainties.



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Obrigado!

