



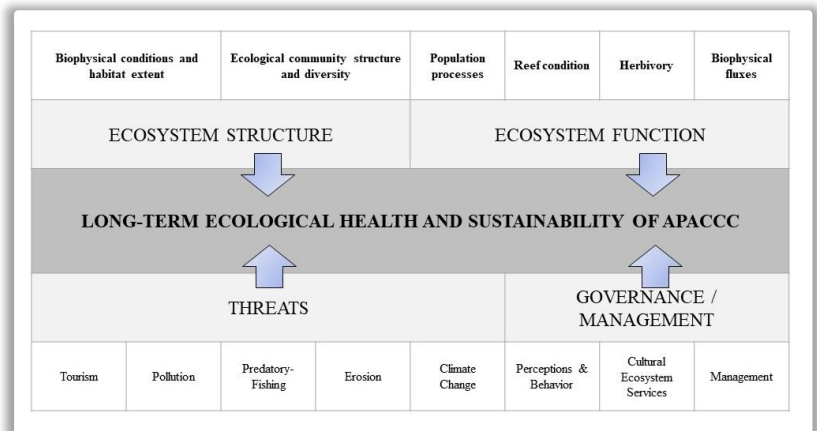
Coral's Coast- Alagoas LTER

PELD CCAL



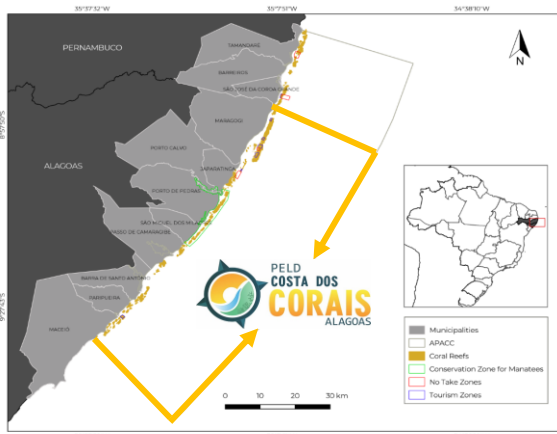
Coral's Coast- Alagoas Long Term Ecological Research Project - PELD CCAL

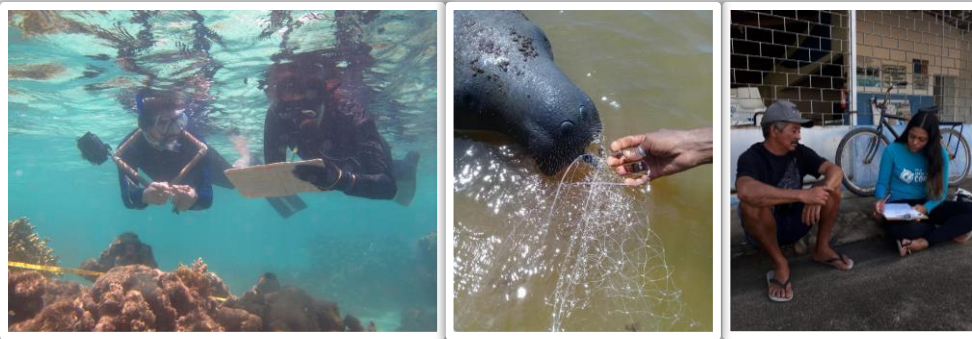
The Brazilian LTER site, PELD-CCAL, was established in December 2016 and is a product of collaboration between almost all laboratories of the Federal University of Alagoas' Postgraduate Program in Biological Diversity and Conservation of the Tropics (PPG-DIBICT/UFAL). The PELD-CCAL project has developed an integrated system for long-term monitoring of the essential ecological and social processes that occur within the the Coral Coast `s Marine Protected Area (in Portuguese: APACC).



Coral Coast's Marine Protected Area

Located on the northeast coast of Brazil, between Tamandaré-PE and Maceió-AL, the APACC is the largest federal coastal-marine conservation unit (UC) in Brazil. It covers an area of more than 400,000 ha and about 120 km of beaches, reefs, seagrass meadows and mangroves. The MPA is designated for sustainable use, seeking to find a balance between the objectives of environmental conservation and the direct (fishing) and indirect (tourism and research) uses of natural resources within the protected area.





The PELD-APACC project also aims to provide basic information on the status of keystone species (e.g. manatee), as well identify any changes in the biophysical and cultural environment that can help identify conservation priorities and monitor the impacts of management and development.

Questions that the PELD CCAL intends to answer:

- what are the effects of anthropogenic activities on APACC ecosystems and management zones?;
- what are the temporal and spatial patterns of biological communities, ecological processes and the perceptions of users?;
- which environmental quality indicators can be used to measure and monitor APACC's ecological and cultural resilience?;
- what is the effectiveness of the UC's management zones?;
- what are the baselines for biological and social indicators within the APACC

Our Team:



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