



Luisa Fontoura

Oceanographer

Msc Student – Ecology



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RESEARCH INTERESTS AND BACKGROUND

The old passion for the sea guided me to choose the major of Oceanography in 2008. During this period, I have had the opportunity of working in geophysics, biochemistry and ecology areas. The curiosity in understanding the mechanisms and processes behind the functioning of marine ecosystems has guided me to the ecological research. In 2011, I had the opportunity to join the team of the Marine Macroecology and Biogeography Lab (www.lbmm.ufsc.br) and initiate my career. During the past two years I have been working on Marine protected areas and Oceanic Islands monitoring reef programs. In 2014, I also started my master's degree focusing on the relationship between spatial diversity patterns and ecological interactions of reef fish using remote video method. My next goal is aimed at conciliating field observations and ecological theories with the conservation and management of coral reef systems.

EDUCATION

2013 – present – Master's degree in Ecology - Universidade Federal de Santa Catarina, Florianopolis, Brazil

Thesis: The relationship between regional richness and ecological interactions between reef fish

Supervisors: Prof. Dr. Sergio Ricardo Floeter; Dra. Roberta Martini Bonaldo

2008 -2013 - Bachelor's degree in Oceanography; Universidade Federal de Santa Catarina, Florianopolis, Brazil

Thesis: Reef fish feeding pressure on benthic communities of rocky reefs in coastal islands on southern Brazil.

Supervisors: Prof. Dr. Sergio Ricardo Floeter; Dr. Guilherme Ortigara Longo

BIBLIOGRAPHICAL PRODUCTION (Fontoura, L)

FONTOURA, L.; LONGO, G.O., CANTOR, M., MORAIS, R.A., BONALDO, R.M., FLOETER, S.R. The relationship between regional richness and agonistic interactions in reef fishes (IN PREP)

FONTOURA, L.; LONGO, G.O., CANTOR, M., MORAIS, R.A., BONALDO, R.M., FLOETER, S.R. Are ecological interactions richness dependent? (IN PREP)

LONGO, G. O., MORAIS R.A., MARTINS, C.D.L, MENDES, T.C., AUED, A.W., CANDIDO, D, OLIVEIRA, J., NUNES L. T., **FONTOURA, L.**, SISSINI, M. N., TESCHIMA, M. M., SILVA, M. B., RAMLOV, F., GOUVEIA, L., FERREIRA, C.E.L., SEGAL, B., HORTA, P.A., FLOETER, S.R. Between-habitat variation of benthic cover, reef fish assemblage and feeding pressure at the only atoll in South Atlantic: Rocas Atoll, NE Brazil. PLoS ONE, 10(6): e0127176, 2015.

ALEXANDRE, D; LINHARES, R.T.; QUEIROZ, B. ; **FONTOURA, L**; UCHÔA, A. F. ; SAMUELS, RICHARD I.; MACEDO, M.R.; BEZERRA, CEZAR S.; OLIVEIRA, ELIANA M.; DEMARTINI, DIOGO R.; CARLINI, CÉLIA R.; SILVA, CARLOS P. Vicilin-derived peptides are transferred from males to females as seminal nuptial gift in the seed-feeding beetle *Callosobruchus maculatus*. *Journal of Insect Physiology*, v. 57, p. 801-808, 2011.

BOOK CHAPTER

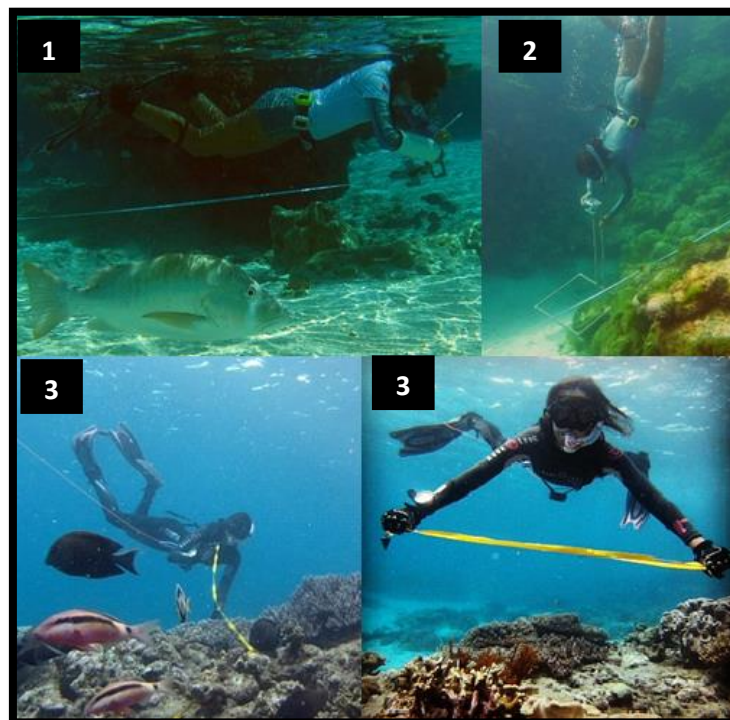
ANDERSON, A. B. ; **FONTOURA, L** ; LONGO, G. O. ; FLOETER, S. R. Peixes. In: Alberto Lindner. (Org.). *Vida Marinha de Santa Catarina*. 1ed. Florianópolis: UFSC, 2014, v. 1, p. 70-89.

CURRENT PROJECTS

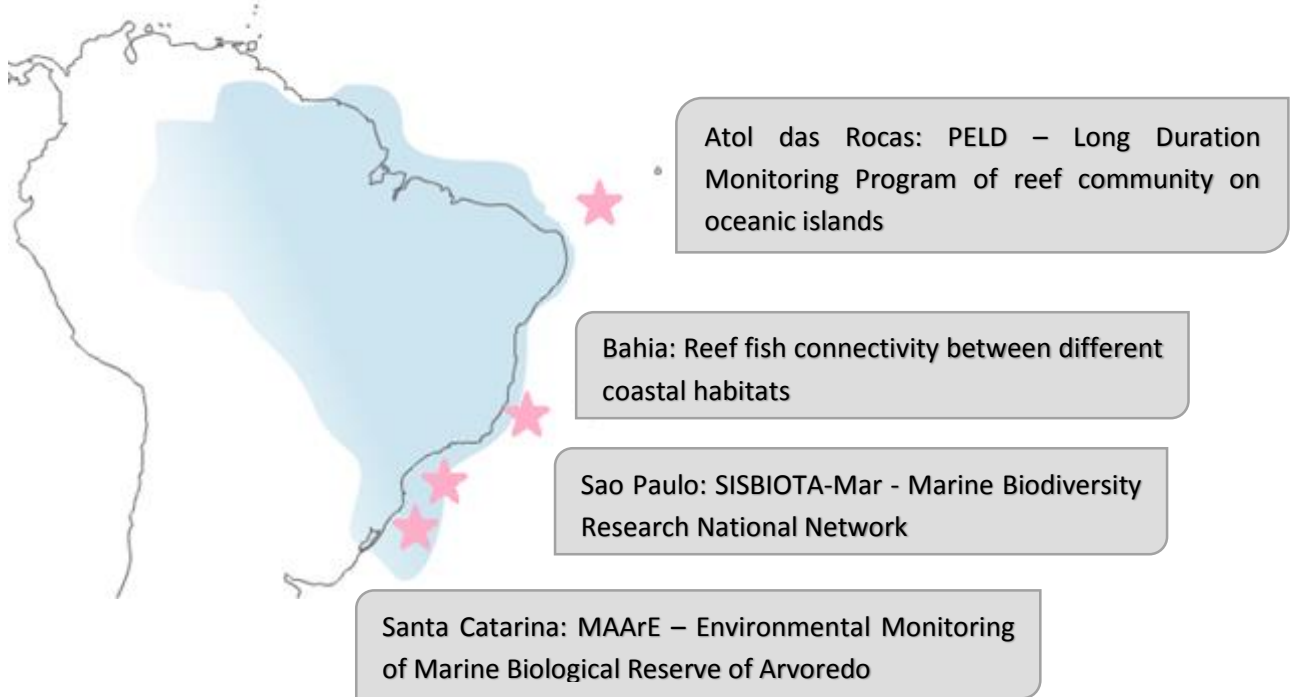
1. The relationship between regional richness and ecological interactions in reef fishes
2. MAArE – Environmental monitoring of Marine Biological Reserve of Arvoredo
3. Marine Biodiversity Research National Network (SISBIOTA-Mar)

FIELD EXPERIENCE

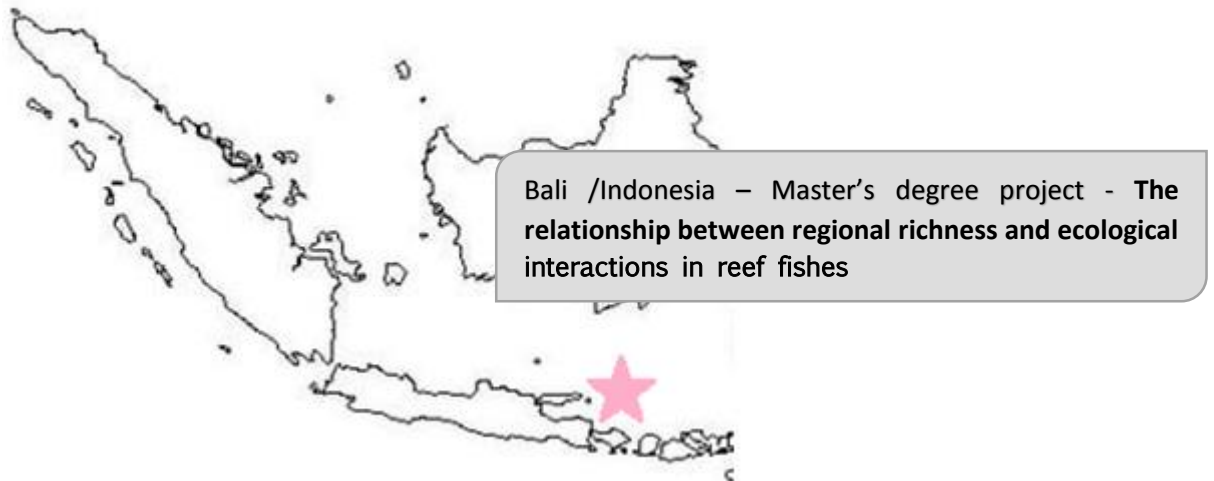
- 1- Visual census of reef fish community
- 2- Benthic community monitoring methods
- 3- Remote video – ecological interactions in reef fishes



BRAZILIAN PROVINCE



INDO-WEST PACIFIC PROVINCE



RELEVANT INFORMATION

Language

Portuguese – Native Language

English – Graduated at International Language Academy of Canada (ILAC)

Dive certification

Advanced Open Water – SSI