

Technical Team

TEACHERS

Vania Neu (Coordinator)
Marcos Santos
Leandro F. F. Meyer

STUDENTS

Fernanda do Carmo, Márcia da Cruz, Karina de Barros, Samir Moraes, João Salomão, Lucas de Souza, Victor Guedes, Josiane Pimentel, Gabriella Araújo, Érica Azevedo, Alexandre Neto, Yashmim Lisboa e Alessa Nayhara.

Achievement



Support



Contacts

Vania Neu
vania.neu@ufra.edu.br
Phone: 55 91 3342-5854

Upholding the Socio-biodiversity: Environmental Restoration with Income Generation at Riverside Communities in the Eastern Amazon



Ilha das Onças - Barcarena
Pará - Brasil

Upholding the socio-cultural and biological diversity is an important strategy for sustainability of human development. This Project, which is carried out in a riverine community located in the insular region in the vicinities of Belém - the capital of the State of Pará - articulates education with research and explores the interface between the social and the natural sciences to promote environmental, health and economic conditions to sustain the traditional ways of life and the natural resources utilized by the population living in the region.

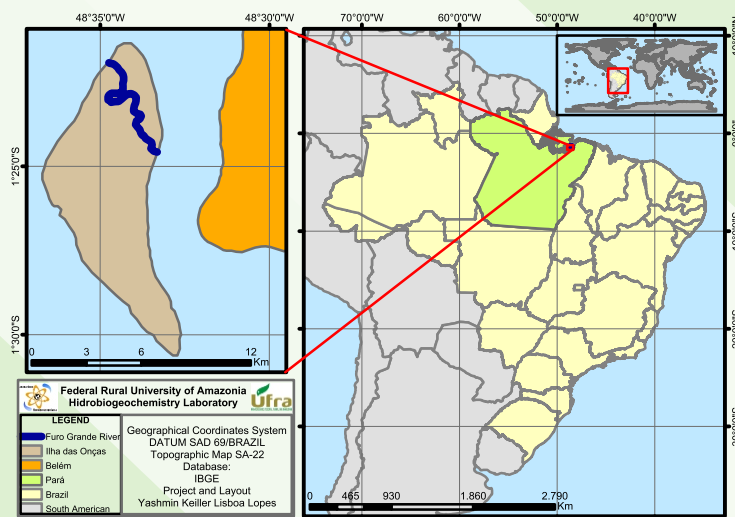
Initiated in 2012, the Project directly benefits fifteen families in the riverside community of the Furo Grande, in the Ilha das Onças (Jaguar Island) and been generating important benefits.

Using the reintroduction of native bees *Melipona flavolineata* (uruçú-amarela) in natural environment as a catalyst axis, the activities of the Project encompass environmental education and a series of trainings to develop the local potentialities and the social organization of the community.

The income improvement strategy of the Project combines actions of social organization with the promotion of communitarian entrepreneurship. With the aim of fostering the cultural and ecological tourism the Project supported the construction of the “artisan house” and the opening of an ecological trail. Additionally, the strategy includes trainings on meliponiculture and on the utilization of non-wood resources for the manufacture of jewelry and other handcrafted products. The actions focusing on environmental education and health include trainings for reutilization of garbage and proper waste disposal, the implementation of a system of collection, storage, treatment and filtering of rainwater and the adaptation of ecological toilets.

Benefits of the project

- * Promotion of ecosystem services through the reintroduction of the native bee (*Melipona flavolineata*);
- * Capacity building for the development of touristic activities;
- * Knowledge base for the managing the bees and the palm heart tree, based on sustainable techniques fitting the local reality;
- * Access to drinking water and reduction of health risks;
- * Improvement of the techniques and the quality of artisanal production;
- * Reduction of environmental damage through proper disposal of garbage;
- * Environmental education of community's children and youth;
- * Increment of family income through the commercialization of honey and artisan products;
- * Tuition of undergraduate students in all research, educational and applied activities of the project;
- * Adaptation of a dry (ecological) toilet for lowland area;
- * Legalization of the community association;
- * Visibility of the community as a model for sustainable way of live



Actions Performed

