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CESAB
**CENTRE FOR THE SYNTHESIS AND ANALYSIS
OF BIODIVERSITY**

BIOFOREST

Interactions between tree Biodiversity, Forest dynamics and climate in managed tropical forests: a pan-tropical approach

PRINCIPAL INVESTIGATORS:

Marielos PEÑA-CLAROS
- Wageningen University
& Research (NL) / **Camille
PIPONIOT** - Cirad (FR)

POST-DOC:

Mithila UNLUKE

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PARTICIPANTS:
David BURSLEM - University
of Aberdeen (UK) / Samuel
CARVALHO - Universidade
de São Paulo (BR) / Géraldine
DERROIRE - Cirad (FR) / María
Genoveva GATTI - Instituto de
Biología Subtropical (AR) / Sylvie
GOURLET-FLEURY - Cirad (FR)
/ Bruno HERAULT - Cirad (FR) /
Lucas José MAZZEI DE FREITAS
- Embrapa and Universidade de
Brasilia (BR) / Anand ROOPSIND
- Conservation International
(US) / Andes ROZAK - National
Research and Innovation Agency
(ID) / Plinio SIST - Cirad (FR) /
Toshihiro YAMADA - Hiroshima
University (JP) / Irié Casimir ZO-BI
- Institut National Polytechnique
Houphouët-Boigny (CI)

Tropical forests are home to one of the greatest species diversities on Earth, but are increasingly affected by human activities.

Selective logging, the harvesting of a few large trees per hectare, is one of the most common uses of these forests. **Yet, the way selective logging, combined with climate change, will affect tree diversity and forest recovery is still poorly understood.**

This project will use data from **over 1200 hectares of permanent plots of logged tropical forests on three continents** to study the effects of logging and environmental factors on tree diversity and carbon and timber recovery. BIOFOREST will also model forest recovery under different management practices and climate change scenarios.

This research will help us understand how to better manage tropical forests for biodiversity conservation, carbon sequestration and timber production.

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CESAB (CEntre for the Synthesis and Analysis of Biodiversity) is FRB's flagship program and an internationally renowned research center whose objective is to implement innovative work to synthesize and analyze existing data sets in biodiversity research.

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