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**Dendrogene**

**Genetic Conservation within**

**Managed Forests**

**in Amazonia.**

DENDROGENE: genetic

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# Dendrogene: Genetic Cons

## Actions / Inputs

### Species

Descriptors:

- Floral Biology
- Gene Flow  
(pollen and seed dispersal)
- Mating System

simulation models  
model species development

Data  
Generation  
Engine

all species

### Communities

Descriptors:

- Seedling demography
- Recruitment, Growth, Mortality
- Ecological characteristics  
( light, water requirement, etc)

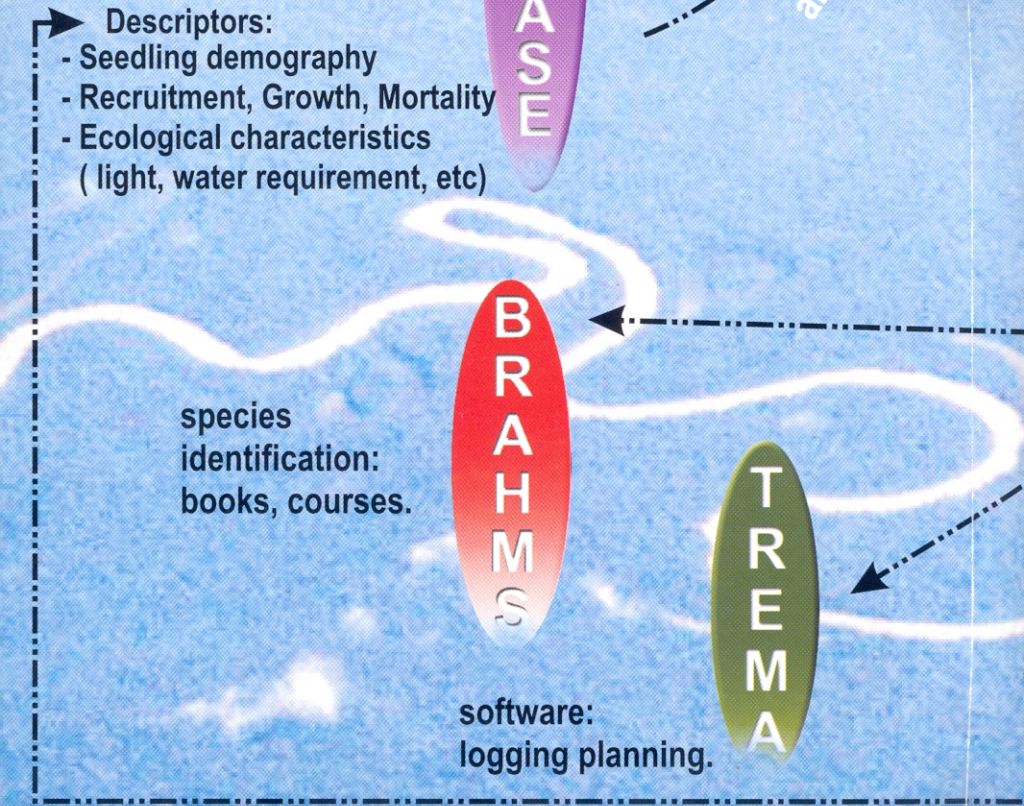
species  
identification:  
books, courses.

software:  
logging planning.

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# Conservation within Managed Forests in

## The Product

- I - Evidence for decision making - Managers, Policy Makers and Interested Public.

## The Goal: SUSTAINABLE MANAGEMENT

### ➤ Multiple Objectives

Forest Goods: Timber, Fruits, Medicines.

Environmental Services: Soil protection, Water cycles, Carbon.

Biodiversity Conservation : Different levels.

Study Sites: **Mojú - PA**  
**Belterra - PA**  
**Paragominas - PA**

- II - Training for Managers: - decision support tools  
- species identification.

## Embrapa / CIRAD - FORÊT

- Seedling demography
- Recruitment, Growth, Mortality
- Ecological characteristics  
( light, water requirement, etc)

# n Amazonia.

## Expected Products

- software tools
- information system
- decision support tools
- predictive models

## The Problem

- selective logging
- risk of species loss
- reduced timber stocks



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