

Protected areas and their relationship with food security in a context of climate change: an overview from Bolivia, Brazil and Peru

CHICO MENDES EXTRACTIVE RESERVE (Estado de Acre, Brazil)

The Chico Mendes Extractive Reserve (RESEX Chico Mendes) is a public domain and sustainable use Conservation Unit, created for use by traditional extractive populations. The idea is to exploit non-timber forest products, without compromising their material base, mainly forest coverage.


EXPANDED AREA: STATE OF ACRE



Protected Flora

Acai: critical for local food security.
Copaiba: used in traditional medicine
Seringueira: species symbolic of indigenous peoples in the Amazon

Protected Fauna

 40% of all the mammals in Brazil

 45% of all bird species in Brazil

970,570

legally protected hectares

▲ In Brazil, Federal areas cover more than 73 million hectares, a **300% increase** with regard to 1990.

Protected areas also serve as **carbon repositories** or water purifiers



The **production of latex and chestnuts** is a major contributor of the RESEX Chico Mendes to the State of Acre's economy, and fundamental for the sustainable living conditions of traditional communities ¹.



Nut collecting



Latex Extraction



Cattle raising



Subsistence farming

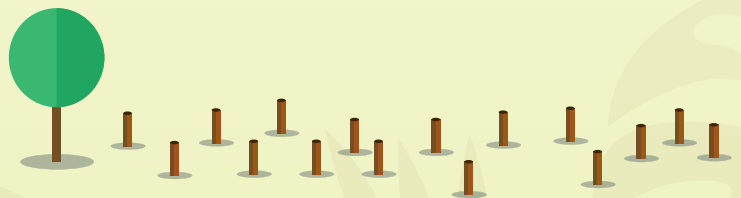
Decrease in population

↓40%

By 2005, **7,500 inhabitants** were counted in the RESEX, a reduction of more than 40% of the original population².



These numbers have been decreasing due to the migration of the population generated by increased competition in latex production globally.



Deforestation in the RESEX Chico Mendes

In the case of the RESEX Chico Mendes, **loss of forest coverage is the biggest threat** to its integrity and management. The reasons for this loss are associated with:



Construction of highways and roads



Agricultural and fishing activities



State Government mitigation initiatives which have been rejected by indigenous peoples

Resources

1. IBAMA 2006 2. 2006 RESEX Work Plan



Konrad Adenauer Stiftung

