



# **ROLE OF FOREST & NATIONAL PARK ON POVERTY ALLEVIATION AT CAT BA ISLAND**

*Hoang Thi Ngoc Ha  
Vietnam*

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# STRUCTURE OF THE PRESENTATION

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## INTRODUCTION

- Background of Cat Ba National Park (CBNP)
- Objectives and methods

## FIELDWORK EXPERIENCE

- Research Team
- On job training

## RESEACH QUESTIONS/RESULTS

- Research questions
  - Results
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# INTRODUCTION

## **The study area - Cat Ba National Park (CBNP):**

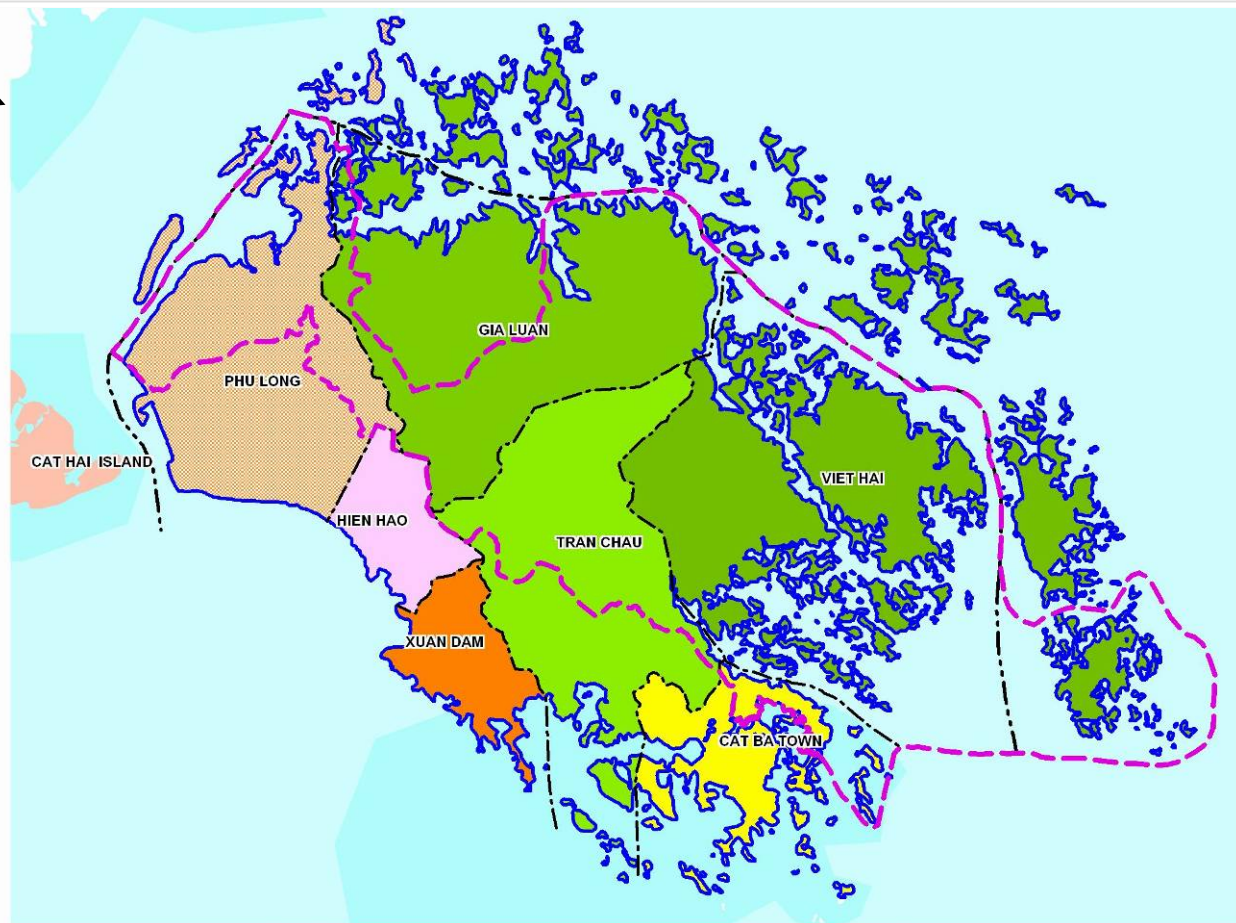
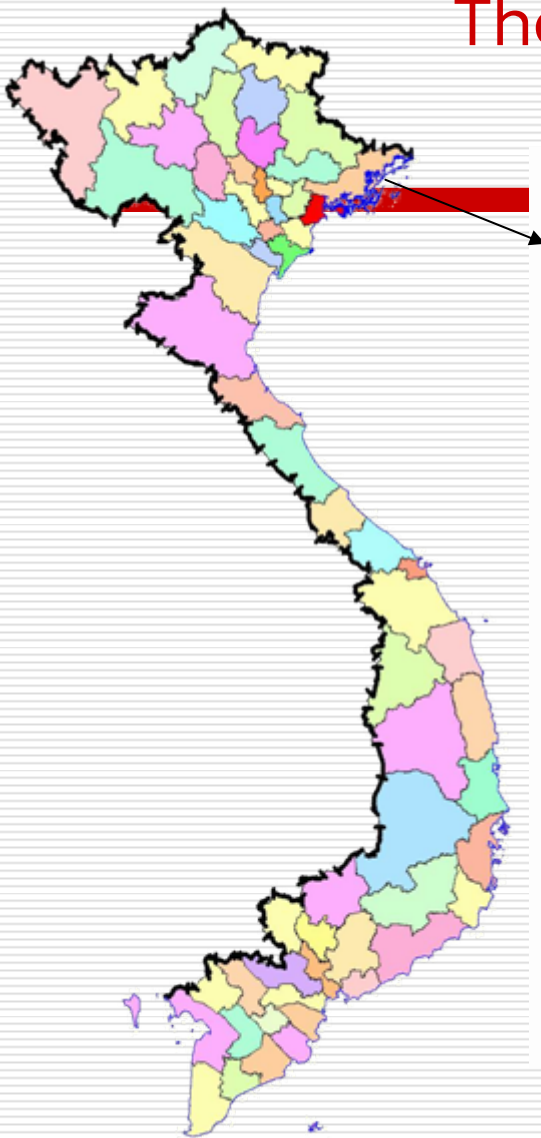
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- Cat Ba island was established as a National Park in 1986, as Marine Protected Area in 1995, as a World Biosphere Reserve Area in 2004.
  - Topography and geomorphic features: limestone Karst outcrops scattered with valleys.
  - Biodiversity: fauna and flora inland and marine.
  - Hydrology: Human settlement and economic activities
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## The geographic location of study area



# Research

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## Objectives:

- Studying on the current roles of forest and national park in poverty alleviation;
  - Solutions to enhance those roles through better conservation and development policy formulation and implementation.
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## Study area



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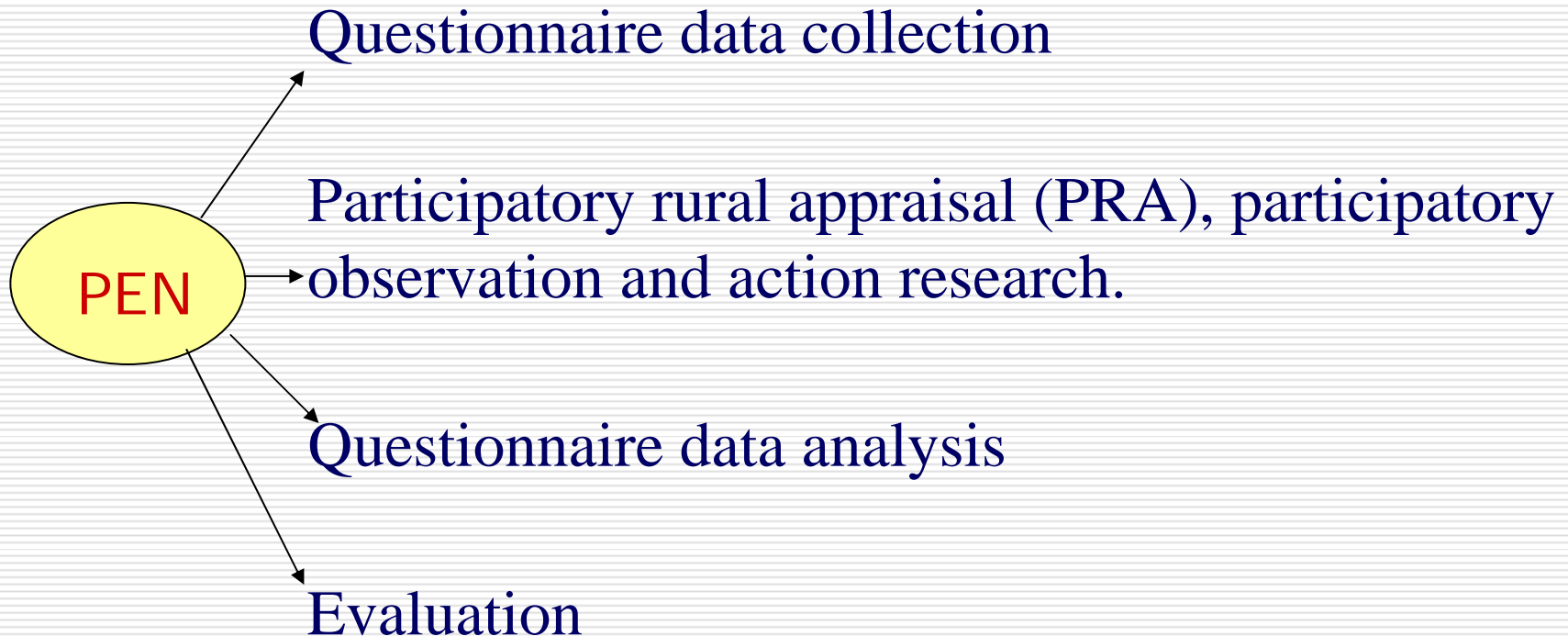
6 communes (295 households) are divided into two groups based on the Cat Ba National Park boundary (inside and outside).

**Outputs:** - Common Data Bank for PEN global analysis.  
- Research article.

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## Method:

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## Contribution of the study:

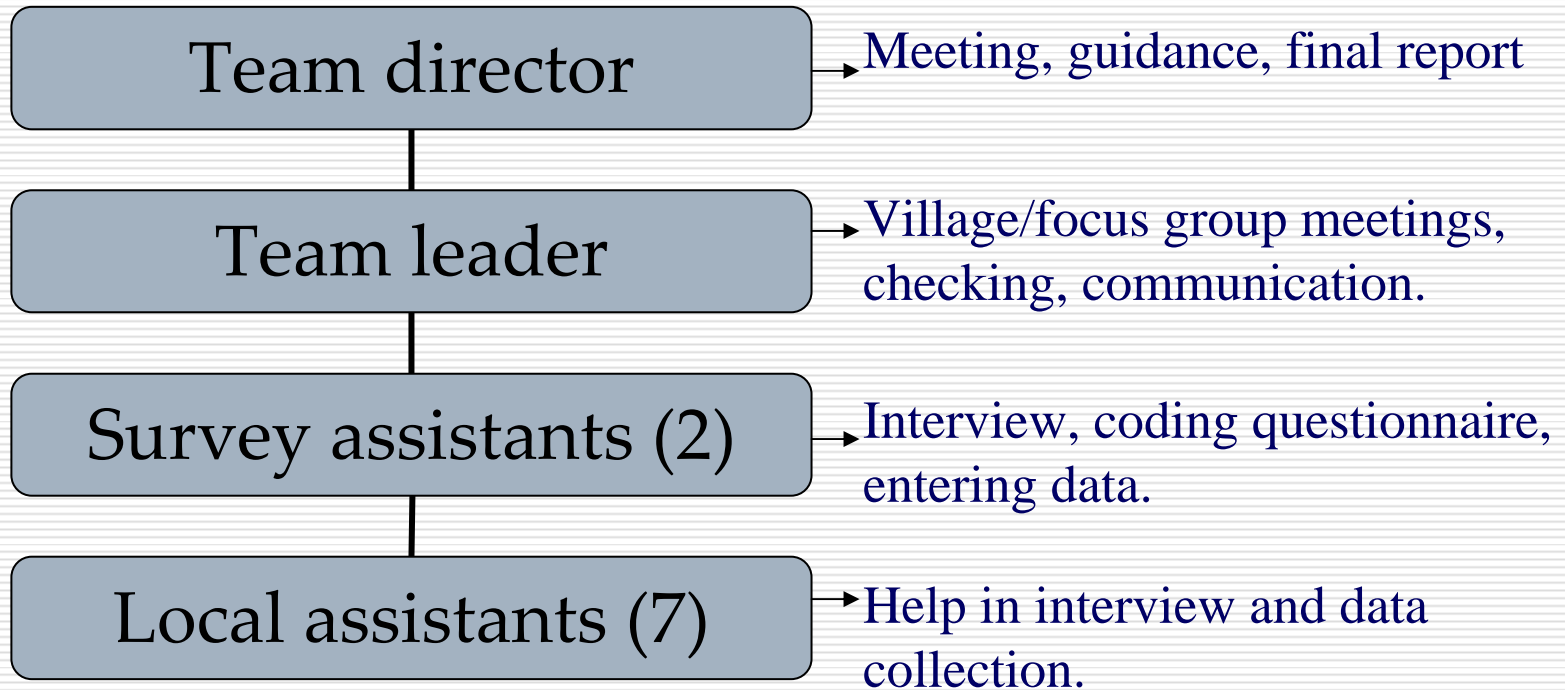
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- The study listed and analyzed the main household' capitals;
  - The study presented a lively and truthful picture of households' livelihood status around CBNP as well as relationship between livelihood activities and the park;
  - Recommended some solutions for livelihood improvement and forest conservation.
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# FIELDWORK EXPERIENCE

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## Research Team



## *Group meeting/On job training*



## *Interviewing*



## *Interviewing expert of national park*

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➤ **Define key words:** National park, forest, non-timber product, conservation.

➤ **On job training:** training and sharing experience on implementing progress.

➤ **Cross check method:** checking collected information against reality and existing document.

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# RESEARCH QUESTIONS

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## Research questions:



*1. What are the materials and value-added flows of non-timber products in Cat Ba Island?*

*2. What are the current roles of forest and national park in poverty alleviation?*

*3. How that roles be enhanced through better conservation and development policy formulation and implementation?*

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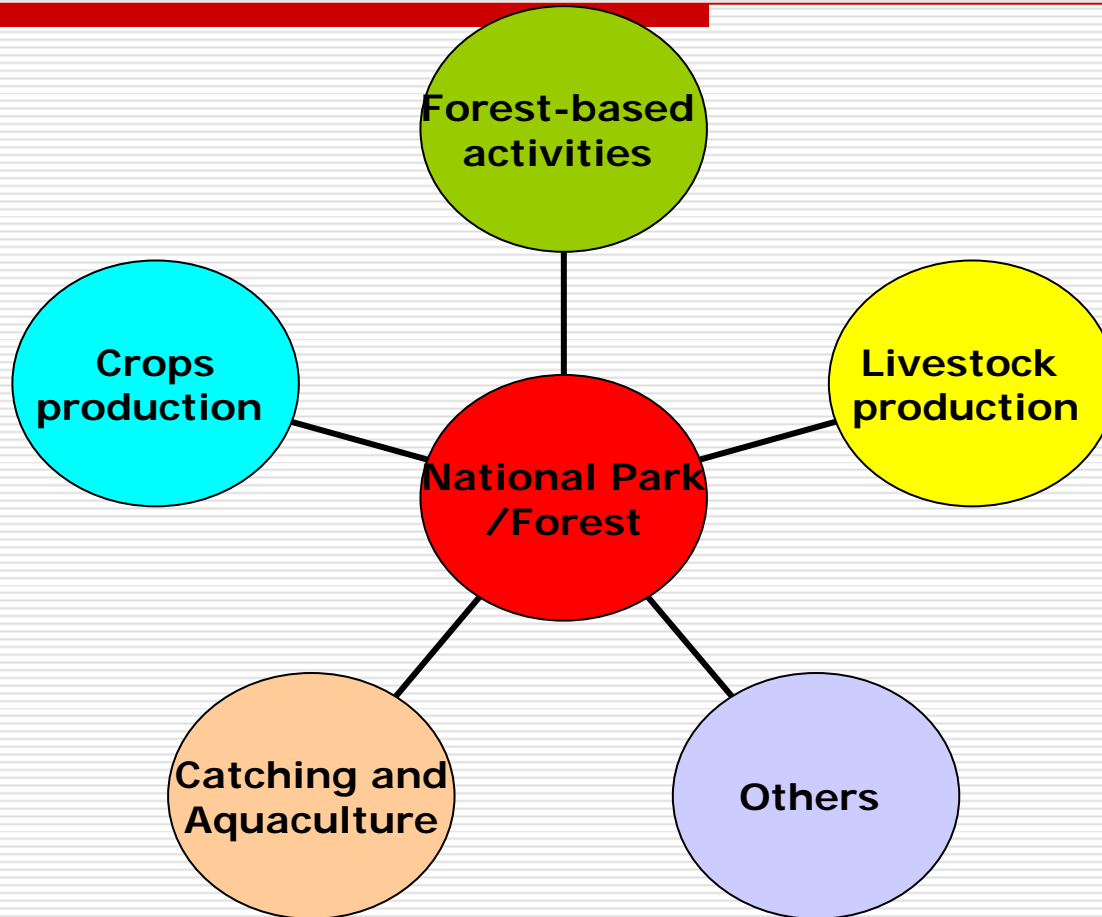
## Data collected:

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- Characters of households' house in communes.
  - Households' implements in communes.
  - Sectors and activities for analysis of household livelihoods.
  - Average subsistence and cash gross income from different crops.
  - Differences among communes of average gross income.
  - The contribution of forest to livelihoods
  - Contribution to total gross income by different NTFPs
  - Outcome of livelihood activities
  - The related others.
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*What are the current roles of forest and national park in poverty alleviation?*



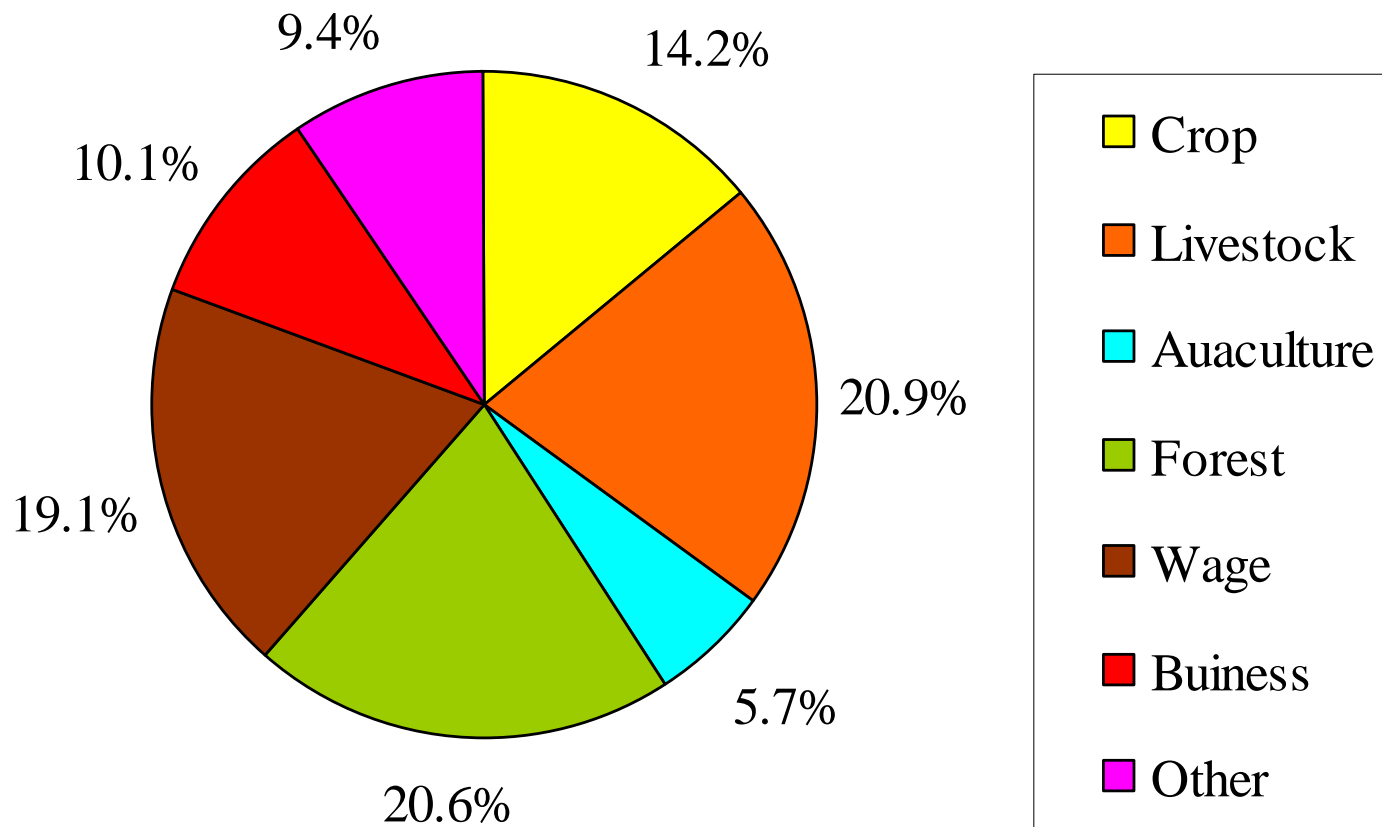
# Livelihood activities:

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1. Crop production
2. Livestock production
3. Fishery
4. Forest-based activities (Pole, Fire wood, Medicine, Resin, Wild animal, Honey, Bamboo shoot,
5. Others (wage, business, pension...)

*Non - timber forest products contributed app. 4 millions VND/ year/ hh, in which 78 % was cash.*

## *Contribution of livelihood activities to net income of household*





*Forest fruits were sold  
with agricultural  
products in market*









# Products from forest/national park

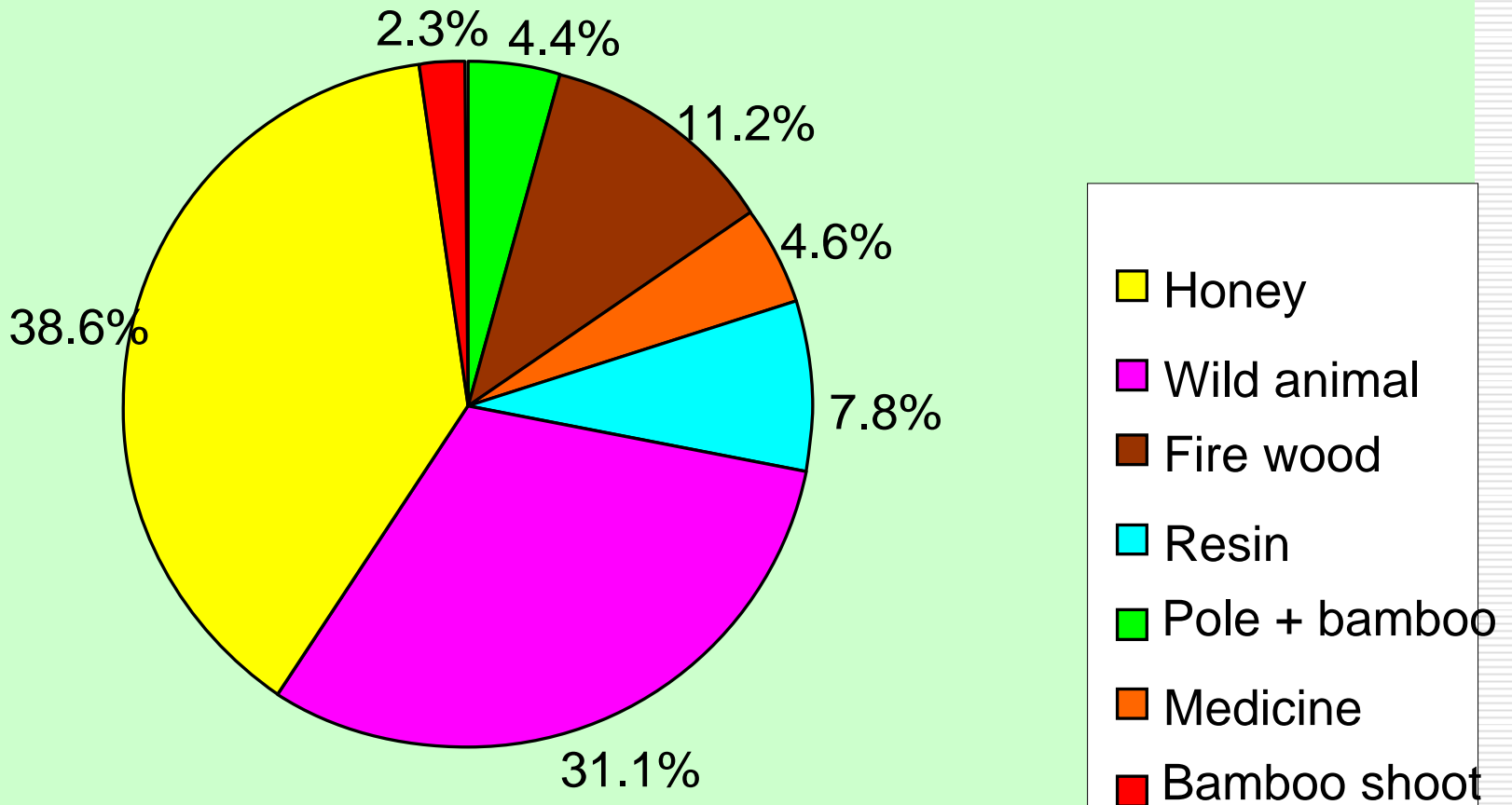
Timber and non-timber forest product collection: (pole, fire wood, medicinal plant, resin, honey, wild animal, etc...).

Benefits from forest protection, tourism activity.

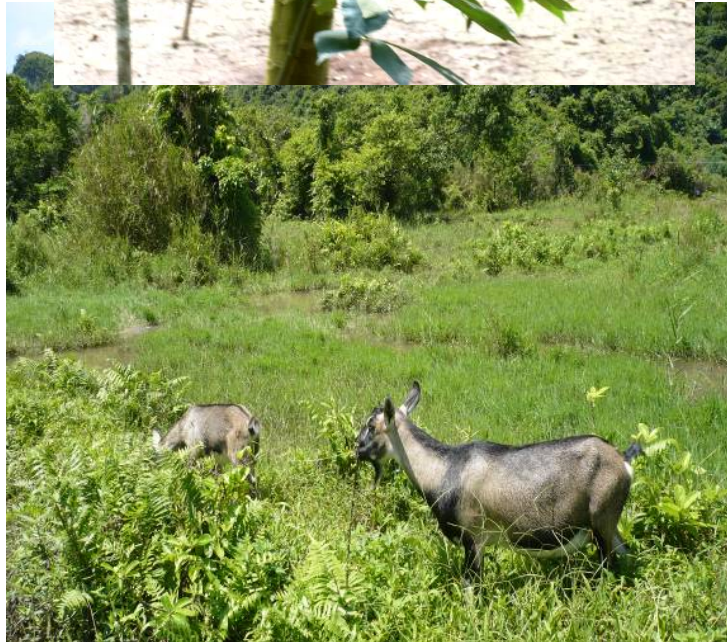




## Contribution to total gross income by NTFPs



## *Grazing in the edge of the forest*







*Collection of forest products  
from national park*





*Wild animals are sold in Cat Ba town*

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*Shotguns  
and traps  
for hunting*





*Forest encroachment*

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## Real situation:

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The lack of land, water are the great disadvantage for farmers in Cat Ba island. The limitation of education and awareness, the lack of finance and technology are significant barriers for the household livelihoods.

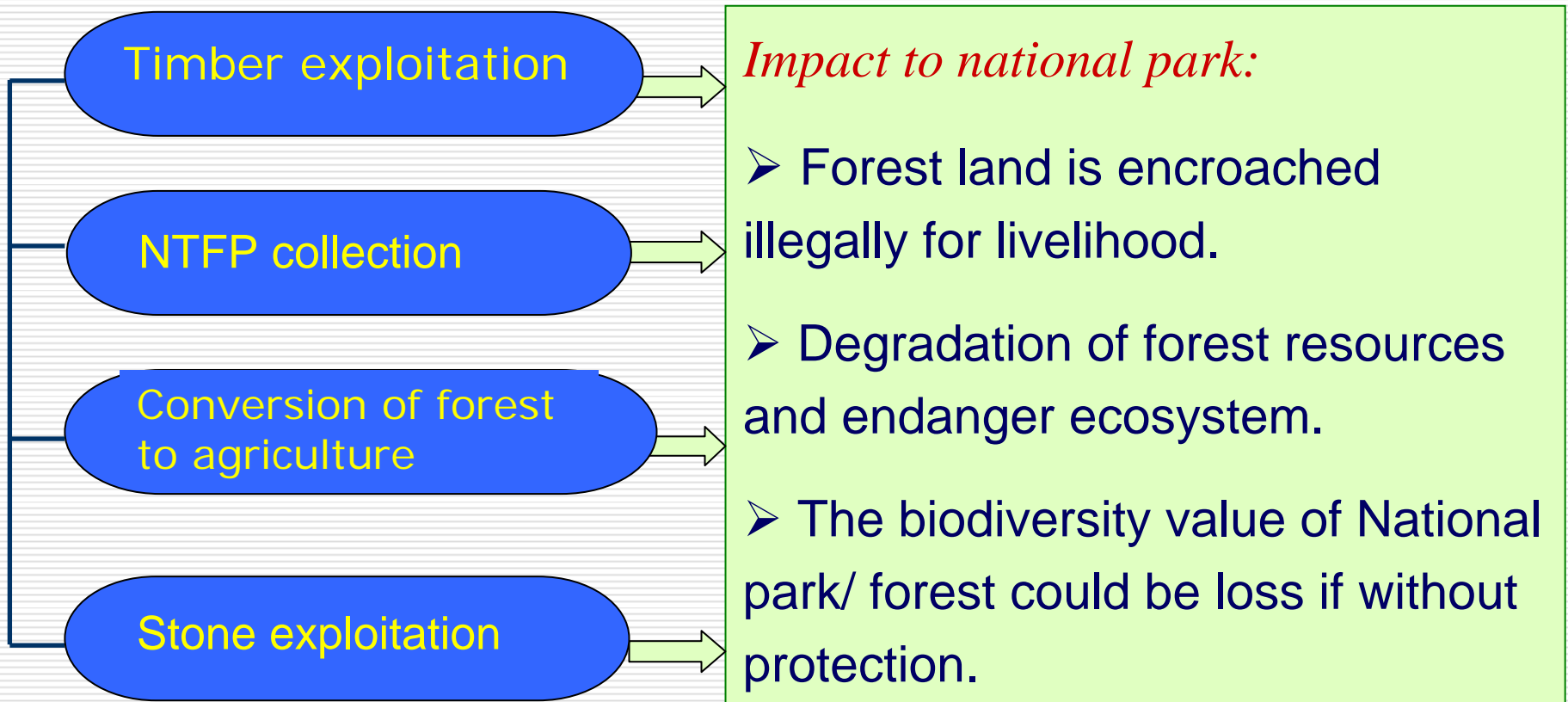
Livelihood activities of households who live within or close to CBNP really diversified but their living condition are still poor.

It is necessary to implement some solutions ensuring the integrated development and conservation

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# Relationship between livelihood activities and Cat Ba National Park

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## **Solution for improvement?**

1. Sustainable livelihood activities

2. Orientation and solution for livelihood improvement and forest/ Cat Ba National Park conservation.



**Finding solutions for:**

- Crop production
- Livestock production
- Associated agriculture and forestry.

*Development of **ecotourism and community tourism** were considered as the way to share benefits and reduce conflict between stakeholders.*

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## Finding solutions for forest conservation:

1. Community education
  2. Patrolling and handling violation
  3. Hiring and transferring forest protection
  4. ....?
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Thank you