



Parque Nacional  
del **Manu**  
SERNANP  
PERÚ

# MANU NATIONAL PARK INTEGRATED MONITORING SYSTEM: A LOW-COST TOOL TO MEASURE THE CONSERVATION OBJECTIVES SUCCESS

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Ministerio  
del Ambiente

Servicio Nacional de Áreas Naturales  
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# MANU NATIONAL PARK

## INTEGRATED MONITORING SYSTEM

Level: Macro	Level: Meso - Biological	Level: Micro
Deforestation and ecosystem coverage through satellite images analysis (remote sense monitoring) Activity effects matrix	Conservation objects density using camera traps	Relative abundance of conservation objects – Patrolling activities
		Threats – Patrolling activities
		Benefits to local population



# MNP INTEGRATED MONITORING SYSTEM

A photograph showing four park guards on a wooden boat on a river. The boat is made of wooden planks and has several wooden benches. One guard in the center is wearing a green vest and a green hat, looking through binoculars. To his right, another guard in a white shirt and a tan hat is also looking through binoculars. In the foreground, a guard in a white shirt and green pants is kneeling and taking a photograph with a camera. On the left, another guard in a tan shirt is sitting and looking towards the camera. The river is surrounded by dense green trees and a blue sky with some clouds.

BASED ON PARKGUARDS WORK DURING  
CONTROL & VIGILANCE ACTIVITIES



HUMAN ACTIVITIES & CONSERVATION OBJECTS

# ¿What do we monitor?

## Conservation Objects

- Jaguar
- Spectacle Bear
- Giant River Otter
- Woolly Monkey
- Black Spider Monkey
- Black Caiman
- White Lipped Peccary
- Side Neck Turtle
- Tapir (iniciativa binacional)

## Human Activities

- Logging
- Fishing
- Hunting
- Agropecuary activity
- Fire



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# Conservation Objective 1

Maintain threatened species, landscape species, and key species populations at 2010 levels

Jaguar

Giant River Otter

Spider monkey

Woolly monkey

Black caiman

Andean bear

WILDLIFE  
CONSERVATION  
SOCIETY

SDZG

ACCA

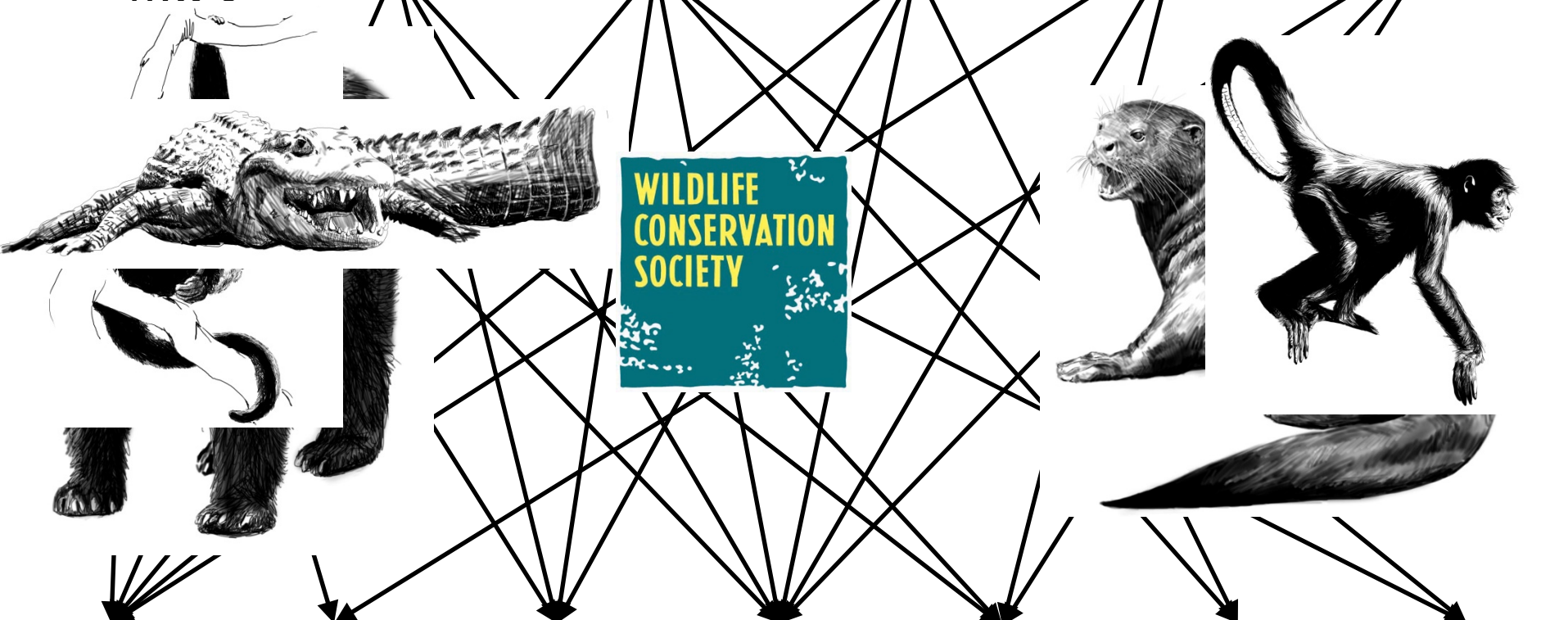
Turist  
Operators

PNM

SZF

Researchers

CREES





**MONITORING IN ALLIANCE WITH PRIVATE SECTOR FOR  
LONG TERM SUSTAINABILITY**