

## Appendix A

No.....



### **Interview questionnaires with director of the park and officers of Biodiversity and Protected Areas Management Project**

### **Sustainable Tourism Planning and Management: The Case Study of Virachey National Park, Ratanakiri and Steung Treng Provinces, Kingdom of Cambodia**

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#### **Dear the park director and officers of Biodiversity and Protected Areas Management Project (BPAMP)**

You are an important part of a study about “Sustainable tourism planning and management: The case study of Virachey National Park, Kingdom of Cambodia”. This study is conducted by Mr. **Sok Vanna** for a Master of Business Administration in Hospitality and Tourism Management (International Programme) at Prince of Songkla University, Phuket Campus, Thailand. Please answer the following questions. All individual information will be kept confidential. The collective data will be beneficial to Virachey National Park and the communities in and around the park for future developmental considerations:

The interview questionnaires divided into 4 parts as follows:

Part 1: The existing situation of tourism development plan and management strategy in Virachey National Park, the questionnaires consist of 4 components which divided into 28 Factors.

Part 2: Visitors’ health and safety

Part 3: Environmental impacts of eco-tourism activities

Part 4: Destination planning and control

Thank you very much for your contribution.

**Part 1: The existing situation of tourism development plan and management strategy in Virachey National Park**

**Note:** Please put ✓ in the  which corresponds to your answer.

<b>Factors 1: Physical condition</b>		
<b>1. Uniqueness of Natural Attraction</b>		
The unique of natural attraction consider Biodiversity of fauna		
1.1	Has special attraction that other places do not have	<input type="checkbox"/> High potential
1.2	Has special attraction that can be found in other places but rarely.	<input type="checkbox"/> Moderate potential
1.3	Has attraction that normally can be found in other places	<input type="checkbox"/> Low potential
<b>2. Uniqueness of Natural Attraction</b>		
2.1 The unique of natural attraction consider Biodiversity of flora		
2.1.1	Has flora of more than 150 species within the park	<input type="checkbox"/> High potential
2.1.2	Has flora of more than 100 species within the park	<input type="checkbox"/> Moderate potential
2.1.3	Has flora of less than 100 species within the park	<input type="checkbox"/> Low potential
2.2 The unique of natural attraction consider Biodiversity of fauna		
2.2.1	Has fauna of more than 150 species within the park	<input type="checkbox"/> High potential
2.2.2	Has fauna of more than 150 species	<input type="checkbox"/> Moderate potential

	within the park	potential
2.2.3	Has fauna of less than 100 species within the park	<input type="checkbox"/> Low potential
<b>3. Uniqueness of Culture and Attractions</b>		
The unique of cultural of arts considered: dressing, traditional activities, arts handicraft, and food		
3.1	Having unique attraction	<input type="checkbox"/> High potential
3.2	Having rare attraction that can be seen in some other places	<input type="checkbox"/> Moderate potential
3.3	Having general attraction that can be seen in other places	<input type="checkbox"/> Low potential

**Part 1: The existing situation of tourism development plan and management strategy in Virachey National Park (Continued)**

<b>4. Variety of cultural activities and lifestyles</b>		
Consider the 5 types of culture as follow: 1) Meal culture 2) Resident contracted culture 3) Produce culture 4) Leisure and entertain culture 5) Traditional culture (concerned lifestyle)		
4.1	Having cultural activities and all kinds of way of life	<input type="checkbox"/> High potential
4.2	Having cultural activities and 3-4 kinds of way of life	<input type="checkbox"/> Moderate potential
4.3	Having cultural activities and 0-2 kinds of way of life	<input type="checkbox"/> Low potential

<b>5. Tourist tradition and festival attractions</b>		
5.1	Having unique traditional attractions	<input type="checkbox"/> High potential
5.2	Having rare tradition that can be seen in some other places	<input type="checkbox"/> Moderate potential
5.3	Having general tradition that can be seen in other places	<input type="checkbox"/> Low potential
<b>6. Ability in accepting the changes of culture</b>		
6.1	After effect of tourism, the effect of culture and community is none to less.	<input type="checkbox"/> High potential
6.2	After effect of tourism, the effect of culture and community is moderately changed.	<input type="checkbox"/> Moderate potential
6.3	After effect of tourism, the effect of culture and community is highly changed.	<input type="checkbox"/> Low potential
<b>7. Ease of accessibility to tourist attraction</b>		
Consider the following factors		
<ul style="list-style-type: none"> <li>1) Road condition</li> <li>2) The distance through the tourism site</li> <li>3) The safety from the journey</li> <li>4) The clarity of direction signs</li> </ul>		
7.1	Ease of accessibility to tourists attractions, high convenience	<input type="checkbox"/> High potential
7.2	Ease of accessibility to tourists attractions, moderate convenience	<input type="checkbox"/> Moderate potential
7.3	Ease of accessibility to tourists attractions low convenience	<input type="checkbox"/> Low potential
<b>8. Accessibility in various seasons</b>		
8.1	If weather conditions are very good, tourists can travel all the year.	<input type="checkbox"/> High potential
8.2	If weather conditions are good, tourists can travel 8-11 months	<input type="checkbox"/> Moderate potential
8.3	If weather conditions are very good, 1-7 months	<input type="checkbox"/> Low potential

<b>9. Appropriate area for tourism activities</b>		
9.1	The area is appropriate for an expansion in the future	<input type="checkbox"/> High potential
9.2	The area is appropriate for the activities in the present only	<input type="checkbox"/> Moderate potential
9.3	The area is not enough for the activities	<input type="checkbox"/> Low potential
<b>Factors 2: Management in the park</b>		
<b>10. Waste disposal</b>		
<p>Consider the following factors</p> <ol style="list-style-type: none"> <li>1) The number of garbage bin is sufficient</li> <li>2) The color of garbage bins is environmentally friendly</li> <li>3) The material of garbage bins is environmentally friendly</li> <li>4) The position of garbage bins is environmentally friendly</li> <li>5) Having suitable garbage management system</li> </ol>		
10.1	Have all components	<input type="checkbox"/> High potential
10.2	Have 3-4 components	<input type="checkbox"/> Moderate potential
10.3	Have 1-2 components	<input type="checkbox"/> Low potential
<b>11. Management of noise quality</b>		
<p>Consider the following factors</p> <ol style="list-style-type: none"> <li>1) Having the warning sign of noise usage at the appropriate place</li> <li>2) Having the park ranger(s) to guide and warn about the noise usage</li> </ol>		
11.1	Have 2 factors	<input type="checkbox"/> High potential
11.2	Have 1 factors	<input type="checkbox"/> Moderate potential
11.3	Have none	<input type="checkbox"/> Low potential

<b>12. Management of water quality</b>		
Consider the following factors 1) Having water treatment system 2) Always check water quality 3) Having hygienic place for waste water treatment		
12.1	Have all factors	<input type="checkbox"/> High potential
12.2	Have 2 factors	<input type="checkbox"/> Moderate potential
12.3	Have none or 1 factors	<input type="checkbox"/> Low potential
<b>13. Tourist attractions' facilities management</b>		
Consider the following factors 1) The arrangement of sign communication 2) A public utility such as electricity, telephone, accommodation 3) A public construction such as road, trail, parking lot, toilet		
13.1	Have all factors	<input type="checkbox"/> High potential
13.2	Have 2 factors	<input type="checkbox"/> Moderate potential
13.3	Have none or 1 factor	<input type="checkbox"/> Low potential
<b>14. Life and safety management</b>		
Consider the following factors 1) Having enough officers (policemen, park rangers) per tourist 2) Having enough health centers 3) Having the appropriate sign board and warning signs 4) Having the plan to prevent any hazardous		
14.1	Have all factors	<input type="checkbox"/> High potential
14.2	Have 2-3 factors	<input type="checkbox"/> Moderate potential
14.3	Have none or 1 factor	<input type="checkbox"/> Low potential
<b>15. Appropriation of area management to a type of tourist attraction</b>		
Consider the following factors		

	<ol style="list-style-type: none"> <li>1) Having the arrangement of signboard to guide the appropriate activities for the area and type of tourist site.</li> <li>2) Having the arrangement of signboard for appropriate action and warning for the area and type of tourism site.</li> <li>3) Having the tourism site plan in appropriate order.</li> </ol>	
15.1	Have all factors	<input type="checkbox"/> High potential
15.2	Have 2 factors	<input type="checkbox"/> Moderate potential
15.3	Have none or 1 factor	<input type="checkbox"/> Low potential
<b>16. Consideration to the limitation of carrying capacity</b>		
Consider the following factors		
	<ol style="list-style-type: none"> <li>1) Have rules to determine the number of tourists and activities in term of carrying capacity and facilities of the tourist attraction by considering physical implications.</li> <li>2) Have rules to determine the number of tourists and activities in term of carrying capacity and facilities of the tourist attraction by considering social implications.</li> <li>3) Have rules to determine the number of tourists and activities in term of carrying capacity and facilities of the tourist attraction by considering ecological implication.</li> </ol>	
16.1	Have all factors	<input type="checkbox"/> High potential
16.2	Have 2 factors	<input type="checkbox"/> Moderate potential
16.3	Have none or 1 factor	<input type="checkbox"/> Low potential
<b>17. Environmental impact prevention system</b>		
Consider the following factors		
	<ol style="list-style-type: none"> <li>1) Natural resources prevention are provided Environmental consideration systems are provided.</li> <li>2) Study of tourism activities and the number of tourists that impact with the environmental and natural resources.</li> </ol>	
17.1	Have all factors	<input type="checkbox"/> High potential

17.2	Have 2 factors	<input type="checkbox"/> Moderate potential
17.3	Have none or 1 factor	<input type="checkbox"/> Low potential
<b>18. Adequate measure to prevent the deterioration of cultural heritage value</b>		
Consider the following factors		
<ol style="list-style-type: none"> <li>1) Having the cultural heritage value protection in preventing the destruction of cultural resources.</li> <li>2) Having the cultural and local wisdom are provided.</li> <li>3) Having research on the tourism activities and amount of tourists in concerning the effect of cultural heritage value.</li> </ol>		
18.1	Have all factors	<input type="checkbox"/> High potential
18.2	Have 2 factors	<input type="checkbox"/> Moderate potential
18.3	Have none or 1 factor	<input type="checkbox"/> Low potential
<b>19. Area management</b>		
Consider the following factors		
<ol style="list-style-type: none"> <li>1) Activity sign are provided</li> <li>2) Do and Don't signs are provided</li> </ol>		
19.1	Have 2 factors	<input type="checkbox"/> High potential
19.2	Have 1 factors	<input type="checkbox"/> Moderate potential
19.3	Have none	<input type="checkbox"/> Low potential
<b>Factor 3: Operation of natural and cultural tourism</b>		
<b>20. Quality of services</b>		
Consider the following factors		
<b>20.1 The completion of information services</b>		
	1) Having high information services	<input type="checkbox"/> High potential
	2) Having moderate information services	<input type="checkbox"/> Moderate potential
	3) Having information services	<input type="checkbox"/> Low potential



**Part 1: The existing situation of tourism development plan and management strategy in Virachey National Park (Continued)**

<b>20.2 The creation for tourists impressiveness of park ranger relevant people</b>		
	1) Park rangers or relevant people have create high impression and good human relation with tourists.	<input type="checkbox"/> High potential
	2) Park rangers or relevant people have create moderate impression and good human relation with tourists.	<input type="checkbox"/> Moderate potential
	3) Park rangers or relevant people have create low impression and good human relation with tourists.	<input type="checkbox"/> Low potential
<b>21. Advantage and value of learning</b>		
Consider the knowledge or new learning from eco-tourism		
21.1	Having high benefit and value of leaning	<input type="checkbox"/> High potential
21.2	Having moderate benefit and value of leaning	<input type="checkbox"/> Moderate potential
21.3	Having low benefit and value of leaning	<input type="checkbox"/> Low potential
<b>22. Type and method of communication to tourists</b>		
Consider the following factors		
1) Having the arrangement of sign communication 2) Having the arrangement of village guides 3) Having the arrangement of tourists' orientation		
22.1	Have all factors	<input type="checkbox"/> High potential
22.2	Have 2 factors	<input type="checkbox"/> Moderate potential
22.3	Have none or 1 factors	<input type="checkbox"/> Low potential
<b>23. Diversity of tourism activities in the park</b>		
Consider the following factors		

	1) Having the natural tourism, eco-tourism 2) Having the traditional and cultural tourism 3) Having the way of life tourism,	
23.1	Have all factors	<input type="checkbox"/> High potential
23.2	Have 2 factors	<input type="checkbox"/> Moderate potential
23.3	Have none or 1 factors	<input type="checkbox"/> Moderate potential
<b>24. Appropriation of dissemination of knowledge and raising on the value of natural tourism and cultural heritage value and conservation</b>		
24.1	More than 80% of all activities help to create the conscience mind.	<input type="checkbox"/> High potential
24.2	50%-80% of all activities help to create the conscience mind.	<input type="checkbox"/> Moderate potential
24.3	Lower than 50% of all activities help to create the conscience mind.	<input type="checkbox"/> Low potential
<b>Factor 4: Organization and Participation of the local community</b>		
<b>25. Advantage of local communities to preserve cultural identity</b>		
The communities gained the benefit from the park tourism which maintain the tradition and culture of local communities. It builds the identity of traditional and cultural conservation and intellectual group, which will set up the cultural network and be a good model for the other communities.		
25.1	High	<input type="checkbox"/> High potential
25.2	Moderate	<input type="checkbox"/> Moderate potential
25.3	Low	<input type="checkbox"/> Low potential
<b>26. Economic benefit for local communities</b>		
Consider the following factors 1) Local people have more job 2) Local communities get more income from tourism		

	activities	
	3) Income widely distributed in the local community	
26.1	Have all factors	<input type="checkbox"/> High potential
26.2	Have 2 factors	<input type="checkbox"/> Moderate potential
26.3	Have none or 1 factors	<input type="checkbox"/> Low potential
<b>27. The opportunity from government and the private sector to support tourism development</b>		
Consider the following factors		
1) Government support of tourism development		
2) The private sectors support of tourism development		
27.1	Have all factors	<input type="checkbox"/> High potential
27.2	Have 1 factors	<input type="checkbox"/> Moderate potential
27.3	None	<input type="checkbox"/> Low potential
<b>28. Local community acceptance and participation</b>		
Consider the following factors		
1) Participating in process decision and control of policy all the way through master plan of sustainable tourism development in their communities.		
2) Local communities show their opinion to support the sustainable tourism planning and management.		
3) Local communities give a warm welcome and willing to help tourists.		
28.1	Have all factors	<input type="checkbox"/> High potential
28.2	Have 2 factors	<input type="checkbox"/> Moderate potential
28.3	Have none or 1 factor	<input type="checkbox"/> Low potential

**Part 2: Visitors' health and safety**

1. How many illness cases of visitors per year? (malarial and other mosquito born disease)

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2. How many tourists come to visit local doctor per year?

.....

3. How many visitors get lost during visit the park?

.....

4. How many motor accidents or crime get involving among visitors?

.....

5. How many visitors have injury on short and long walks?

.....

6. How many boating accidents get involving among visitor?

.....

**Part 3: Environmental impacts of eco-tourism activities**

1. How much total amount of waste collected?

.....

2. How much waste volume produced by the park (tonnes) pa/person year pa (by month

.....

3. How many visitors use of toilet provided?

.....

4. How to control the leakage of boat motors' oils entering water bodies?

.....

**Part 4: Destination planning and control**

1. How many percent of site covered by management plan?

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2. Are there any rules to regulated construction, hunting and extraction of natural resources?

3. How many percent of site with regulated zoning and tourism use zone?

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**Thank you very much**

## **Appendix B**

No.....
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**Interview Questionnaires with representative of local communities**  
**Sustainable Tourism Planning and Management:**  
**The Case Study of Virachey National Park, Ratanakiri and Steung Treng Provinces, Kingdom of Cambodia.**

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**Dear Local communities in and around the Virachey National Park**

You are an important part of a study about “Sustainable tourism planning and management. The case study of Virachey National Park, Kingdom of Cambodia”. This study is conducted by Mr. **Sok Vanna** for a Master of Business Administration in Hospitality and Tourism Management (International Program) at Prince of Songkla University, Phuket campus, Thailand. Please answer the following questions. All individual information will be kept confidential. The collective data will be beneficial to Virachey National Park and the villages in and around the park.

The interview questionnaires divided into three parts:

1. Local community's profiles
2. Local community's thinking toward tourism development in the park
3. Local community's suggestions

Thank you very much for your contribution.

**Part 1: Local community's profiles**

1. Gender:  a. Male  b. Female
2. Age:  a. 18-25 years old  b. 26-40 years old  
 c. 41-55 years old  d. More than 55 years old
3. Education:  a. Non-education  b. Primary school  
 c. College  d. Bachelor's Degree
4. Position in your village/commune  
 a. Commune council committee  b. Tribal chief  
 c.. Head or deputy head of village  d. Village ranger

**Part 2: Local communities' perception in regard with the tourism development and management in Virachey National Park**

1. What is your thinking regard to the tourism development in Virachey National park on the following respect? Please rate 1,2,3,4 or 5 for each aspect  
(5) Strongly agree  
(4) Agree  
(3) Neutral  
(2) Disagree

1. Strongly disagree

2.

Aspects		Assessed Level				
		5 Strongly Agree	4 Agree	3 Neutral	2 Disagree	1 Strongly Disagree
1	Tourism is good for my community					
2	I personally benefit from the tourism industry					
3	Tourism in my community has the following effects:					
	<ul style="list-style-type: none"> <li>Creates job for local residents</li> </ul>					

Aspects		Assessed Level				
		5 Strongly Agree	4 Agree	3 Neutral	2 Disagree	1 Strongly Disagree
	<ul style="list-style-type: none"> <li>Employs local youth</li> </ul>					
	<ul style="list-style-type: none"> <li>Raises price for goods</li> </ul>					

• Helps the community obtain services					
• Causes rise in crime rates.					
• Stops local from park access					
• Harms moral standards					
• Harms the environment					
• Disrupts local activities					
• Helps stimulate local culture and crafts					
• Uses natural resources needed by local residents (e.g fish, water...)					
• The community has control over tourism					
• The money spent by visitors remain in the community					



Aspects	Assessed Level				
	5 Strongly Satisfac tion	4 Satisfac tion	3 Neutr al	2 Dissatisfa ction	1 Strongly Dissatisfa ction
<ul style="list-style-type: none"> <li>Overall, what is your opinion of the tourism development in the VNP as well as in your community</li> </ul>					

**Part 3: Local communities’ suggestions**

1. What is your main concern regarding in your community?

.....  
 .....  
 .....  
 .....

2. How would you like the government interest in the sustainable tourism planning and development in your community?.....

.....  
 .....

3. How do you think to ensure that local communities get benefit from sustainable tourism planning and management in Virachey National park as well the communities?”

.....  
 .....

**Thank you very much**

**Appendix C**

No.....



**Interview questionnaires with international visitors**

**Sustainable Tourism Planning and Management:**

**The Case Study of Virachey National Park, Ratanakiri and Steung Treng Provinces, Kingdom of Cambodia.**

**Dear the visitors to the Virachey National Par**

You are an important part of a study about “Sustainable tourism planning and management. The case study of Virachey National Park, Kingdom of Cambodia”. This study is conducted by Mr. **Sok Vanna** for a Master of Business Administration in Hospitality and Tourism Management (International Program) at Prince of Songkla University, Phuket Campus, Thailand. Please answer the following questions. All individual information will be kept confidential. The collective data will be beneficial to Virachey National Park and the communities in and around the park for future developmental considerations:

The questionnaires divided into three parts:

1. Behaviors and activities of tourists

2. Sustaining tourist satisfaction
3. Tourist's profiles

Thank you very much for your contribution

### **Part 1: Behaviors and activities of tourists**

1. What are your motivations for visiting Virachey National Pak?

(You can answer more than 1 answer)

- a. Diversity of vegetation such as certain kinds of ferns
- b. Short rainforest walks
- c. National Park sightseeing, natural landscapes, environment
- d. Rainforest day trips
- e. Wildlife viewing such as bird watching, large mammals
- f. Waterfalls, streams
- g. Spectacular mountain scenery
- h. Cultural activities
- i. Khmer Rouge camp and Ho Chi Minh trail
- j. New kind of tourism
- k. Other.....

2. What did you the like most about the park?

(You can answer more than 1 answer)

- a. Landscapes, geographic location, mountain
- b. Natural beauty, waterfalls, streams
- c. Climate or weather
- d. Native wild animals
- e. Minority group culture
- f. Cultural activities.
- g. Native wild plants, unknown and unseen vegetation, etc.

h. Other.....

3. What kind of services should be available in the park?

(You can answer more than 1 answer)

- a. Books and other printed material about the park
- b. Knowledgeable tour guides
- c. Local and long distance telephone
- d. Gifts and souvenirs
- e. Hospital Center
- f. Food services
- g. Accommodation
- h. Trails
- i. Other.. ..

4. What kind of accommodation should be available in the park?

(You can answer more than 1 answer)

- |  |   |
|--|---|
| <input type="checkbox"/> a. Camping        | <input type="checkbox"/> b. Eco-lodge   |
| <input type="checkbox"/> c. Resort complex | <input type="checkbox"/> d. Hotel/Motel |
| <input type="checkbox"/> e. Caravan        | <input type="checkbox"/> f. Cottage     |
| <input type="checkbox"/> g. Home Stay      | <input type="checkbox"/> h.             |
- Other.....

5. What are your expectations about the trip to the park?

(You can answer more than 1 answer)

- a. True relaxation
- b. Being close to nature
- c. Learning about the way of life and culture
- d. Meeting new people
- e. Viewing new landscapes
- f. Other.....

6. What is the local guides' ability?

(You can answer more than 1 answer)

- a. Knowledgeable about ecology and environment

- b. Friendly
- c. Knowledgeable about the plant and animals
- d. Helpful
- e. Knowledgeable about the local culture
- f. Other.....

7. What is your length of stay in the park?

(Please answer one)

- a. Less than one day
- b. One day
- c. Two days
- d. Three to five days
- e. One week
- f. More than one week

## **Part 2: Sustaining Tourists' satisfaction**

Please respond to the following questions with your appropriate answer:

(5) Strongly agree, (4) Agree, (3) Neutral, (2) Disagree, (1) Strongly disagree

<b>Circle the best answer</b>	<b>Assessed level</b>				
1. I enjoyed my experience in Virachey National Park	5	4	3	2	1
2. The roads and signage made travel easy	5	4	3	2	1
3. I found Virachey National Park to be clean	5	4	3	2	1
4. Virachey National Park provide a good variety experiences	5	4	3	2	1
5. I have good experience involving local culture	5	4	3	2	1
6. The state of nature environment was good	5	4	3	2	1
7. Service guides were competent and	5	4	3	2	1

helpful					
8. The level of service provided was high	5	4	3	2	1
9. It was easy to get to “Virachey National Park” for my visit	5	4	3	2	1
10. I felt safe and secure during my visit	5	4	3	2	1
11. I would recommend “Virachey national Park” to my friends	5	4	3	2	1
12. I would visit “Virachey National Park” again	5	4	3	2	1
13. Local people are friendly during my visit	5	4	3	2	1
14. Virachey National Park is a uniqueness in culture	5	4	3	2	1
15. The quality of transportation was good from Phnom Penh City to Ratanakiri provincial town	5	4	3	2	1
16. The quality of transportation was good from provincial town to Virachey National Park	5	4	3	2	1
17. The quality of water body was good	5	4	3	2	1

### Part 3: Visitor’s profiles

Please response to the following questions with your appropriated answer one

1. Gender:  a. Male  b. Female

2. What is your nationality?

- a. Cambodian       b. Asian  
 c. Western       d. Other

3. What is your occupation?

- a. Student       b. Government officer/ servant  
 c. Unemployed/retired       d. Other. . . . .

## 4. Age:

- a. 15-25 years old                       b. 26-40 years old  
 c. 41-55 years old                       c. More than 56 years old

## 5. Education:

- a. Non-education                       b. High school or less  
 c. College                                   d. Bachelor's Degree  
 e. Higher than Bachelor's Degree

**Thank you very much**

## Appendix D

### The current staffing for Virachey National park and total populations in Kok Lak commune

- **The current staffing for Virachey National park**

The current staffing for Virachey National Park

<b>Position</b>	<b>Number</b>
Park Director (PD)	1
Secretary to Park Director	1
Information System Manager	1
Warden Park Protection (WPP)	1
Chief of Ranger Station	3
Ranger Park Protection (RPP)	45
Protected Area clerk (PA clerk)	3
Warden Community Development (WCD)	1
Information and Education Officer (IEO)	1
Community Development Facilitators	7

(CDF)	
Warden Tourism (WT)	1
Ranger Tourism (RT)	2
Administrator	1
PA Accountant (PAA)	1
Drivers	2
Cleaner	1
<b>Total</b>	<b>72</b>

Source: Biodiversity and Protected Areas Management Project (BPAMP) of V N P

- **Number of Populations in Kok Lak commune**

There are four registered villages in Kok Lak commune, Veun Sai district, Ratanakiri province with the total population of 355 families

Population of Kok Lak commune

<b>Number of families in Kok Lak commune</b>	<b>La Lay village</b>	<b>Rork Village</b>	<b>La Meuy village</b>	<b>Trak village</b>	<b>Total</b>
Number of family	72	132	103	48	355
Number of female	177	284	235	103	799
Number of male	156	271	266	130	823
Number of heads or deputy head of village	2	2	2	2	8
Number of Tribal Chief	3	2	2	1	8
Number of commune council committee					5

Source: Head of Kok Lak commune, 2004



## **Appendix E**

### **Background of Virachey National Park**

#### **• Introduction of the park**

Virachey National Park (VNP) was created under the Royal Decree concerning the creation and designation of protected areas, issued on the 1<sup>st</sup> of November 1993. The ministry of environment (MOE) was designed as the responsible entity for supervising the planning and development of a “National Protected Areas System”. Virachey National Park is located in Ratanakiri and Steung Treng provinces in north – eastern Cambodia covering an area of 3,325 km<sup>2</sup>. Most of the park lies in Ratanakiri province, where it is part of Andong Mease. Taveng and Veunsai districts, and in Stung Treng province where it is part of Siem Pang district. The park borders the Lao People’s Democratic Republic (P.D.R) in the north, and Vietnam in the east.

#### **• People Adjacent to Virachey National Park**

The human population adjacent to Virachey National Park is characterized by a high percentage of ethnic minority group. Buffer zone was created for minority groups of people who are from various tribes. The Protected Area is critical to the survival of the local communities. The land use of these groups within the park can be broken down into the following categories:

- i) village settlement
- ii) swidden agriculture
- iii) forest gathering and hunting
- iv) wet-field rice agriculture, and
- v) conservation (spirit forest)

#### **a. The Natural Environment**

Virachey National Park is the largest protected area in Asia, classified as tropical wet evergreen forest covering with

evergreen forest, deciduous forest and grassland there are a number of rare species that are almost extinct and now being threaten.

The management plan for Virachey National Park identifies the park's unique flora and fauna. Waterfalls and landscapes as having aesthetic value for tourism, and rate the park's remoteness and wilderness value as having the highest potential for developing adventure tourism.

- **Cultural Heritage Value:**

It is imperative to acknowledge that VNP is of great significant for local communities, especially the Brao and Kavet communities whose former territory occupied area of the present VNP. This is in part related to the values associated with traditional food and medicines obtained from the forests of the mountain. There is great importance attached to the harvesting and consumption of bamboo. Other plants and animals are also used for cultural practices associated with cultural ceremonies and rites. It acknowledges the indigenous cultural value associated with the park as having potential to add immeasurably to the visitor experience,

- **Tourism Area Life Cycle**

From the implication of Tourism Area Life Cycle, Virachey National Park,

might be in the stage of Exploration because of some reasons as following:

- Small number of tourists
- Few adventurous tourists, visit site with no public facilities
- Visitors attracted to the resort by a natural physical feature
- Specific visitor type of a select nature
- Remoteness

- Difficult access
  - Impenetrable jungle and Elusive wildlife
  - Lack of tourism facilities, hotel accommodation, guest house, restaurant,
- electric power, water system and other services for facilitating tourists

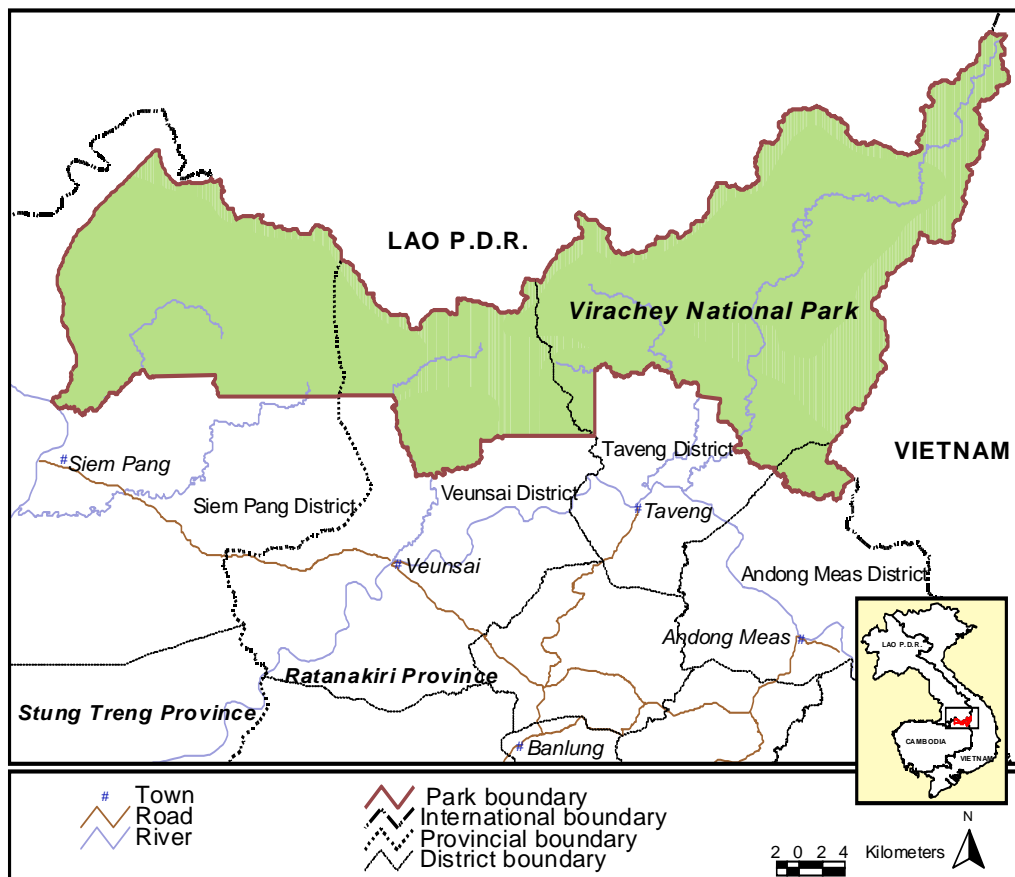
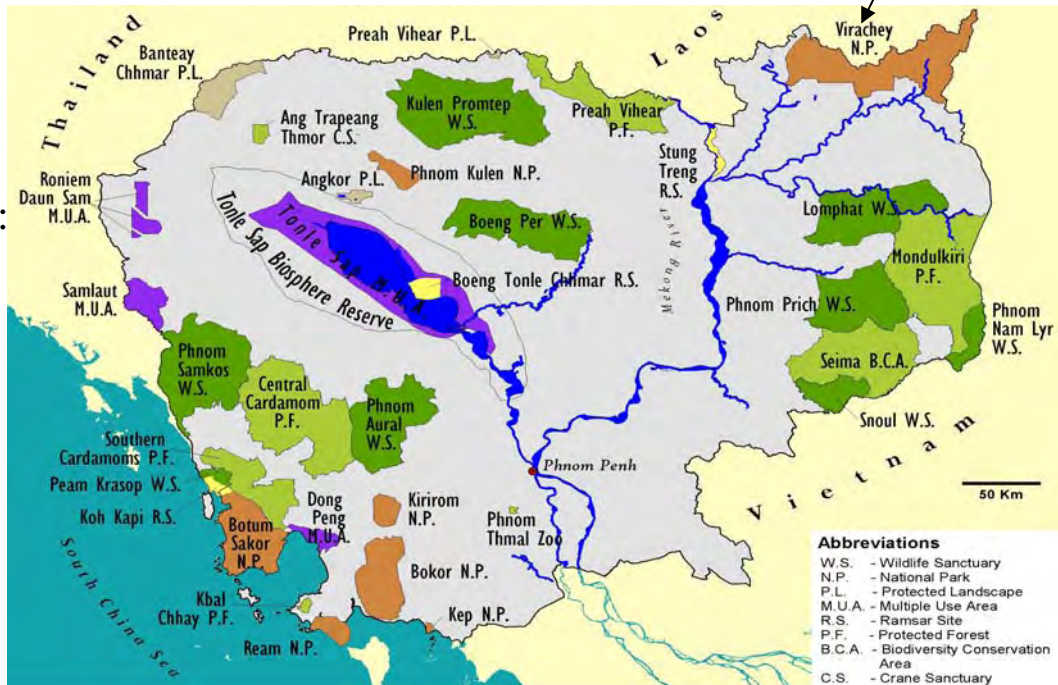
### **Stages of the Virachey National Park**

**Tourism Area Life Cycle (TALC) describe the evolution of a product as it pass through the stage of Exploration, Involvement, Development, Consolidation, Stagnation and Post-Stagnation**

<b>Stages</b>	<b>Characteristic</b>
<b>Exploration</b>	<ul style="list-style-type: none"> <li>• Few adventurous tourists, visit site with no public facilities</li> <li>• Visitors attracted to the resort by a natural physical feature</li> <li>• Specific visitor type of a select nature</li> </ul>
<b>Involvement</b>	<ul style="list-style-type: none"> <li>• Limited interaction between local resident and the developing tourism industry lead to the provision of basic service</li> <li>★ Increased advertising induces a definable pattern of seasonal variation</li> <li>★ Definite market area begin to emerge</li> </ul>
<b>Development</b>	<ul style="list-style-type: none"> <li>★ Development of additional tourist facilities and increase promotional efforts</li> <li>★ Greater control of the tourist trade by outsiders</li> <li>★ Number of tourist at peak periods far outweighs the size of resident population, include rising antagonism by the later toward former</li> </ul>
<b>Consolidation</b>	<ul style="list-style-type: none"> <li>★ Tourism has become a major part of the local economy, but growth rate have begun to level off</li> <li>• A well delineated business district has taken shape</li> <li>• Some of the older deteriorating facilities are perceived as second rate</li> <li>★ Local efforts are made to extend the tourist season</li> </ul>
<b>Stagnation</b>	<ul style="list-style-type: none"> <li>★ Peak number of tourists and capacity levels are reach</li> <li>★ The resort has a well established image, but it is no longer in fashion</li> <li>★ The accommodation stock is gradually eroded and properly turnover rates are high</li> </ul>

Appendix F: Map of Virachey National Park

Virachey



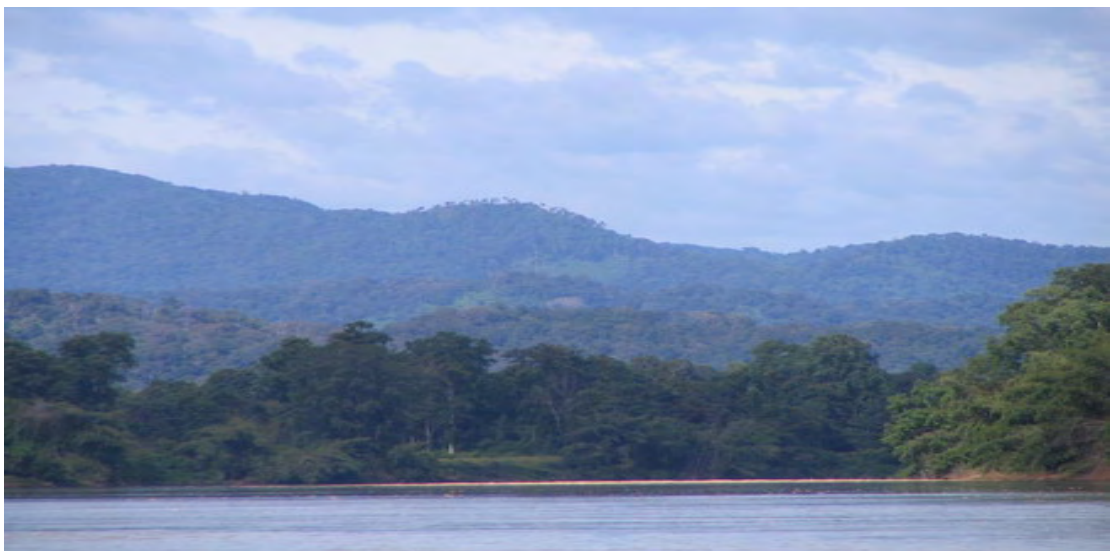


**Appendix G: Picture Photograph of Selected Park Sites and Data Collection Events**











**The Original house style of minority group**





Interview questionnaires with the representative of local community (Tribal chiefs)





Interview questionnaires with the representative of local community (commune council committee, heads or deputy heads of villages, village rangers local community with tourism involvement)





Interview questionnaires with international visitors to the park during on-site observation





Interview questionnaires with the representative of local community ( commune council committee, heads or deputy heads of villages, village rangers, local community with tourism involvement)

