

APPENDIX A

Key informant interview (Local officials)

1. Information background of this study

First process was invited the key-personal, head of villager, Namor Dristict Agriculture and Forestry Office (DAFO) and Oudomxay Provincial Agriculture and Forestry Office (PAFO).

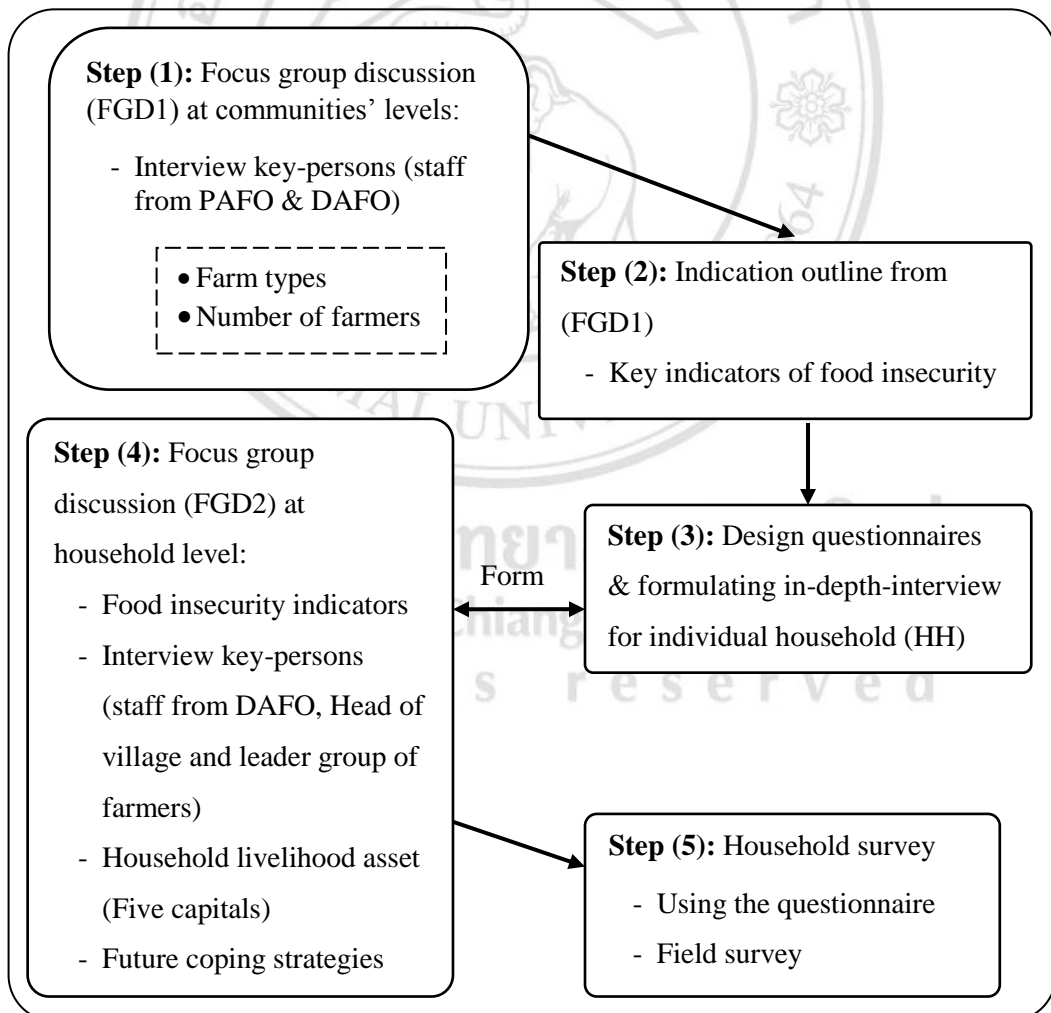


Figure 1 The action of implement PRA framework in this study

Then, focus group discussion (FGD1) asked these key-persons to find out the location of farm, district socio mapping, key indicators of food insecurity and the number of farmers for each farm types.

2. Secondary process of participatory rural approach (PRA) method

PRA was used as communities' farm and individual household levels which it regards to FGD1 for formulating the questionnaires. These questionnaires were be applied for farmers' focus group discussion (FGD2) as was follow in objective 1, 2 and 3. Finally, the process of PRA method was preceded as following figure 1.

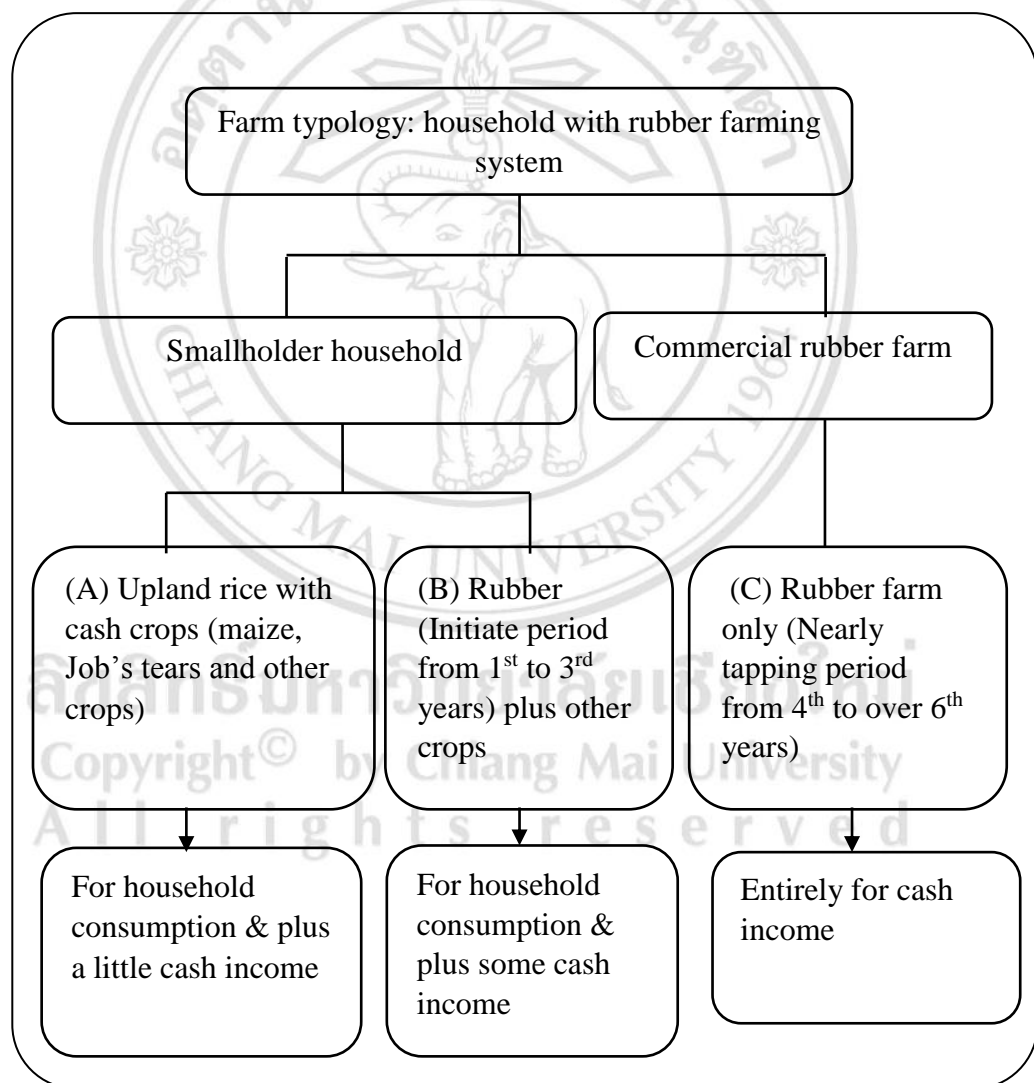


Figure 2 Farm typology of household rubber farming systems

APPENDIX B

Household questionnaire

Thesis title:

“Assessment of Farmers’ Food Insecurity and Coping Strategies
in Rubber Farming, Oudomxay Province, Lao PDR”

1. General information

1.1 Date of interview:, 1.2 Name of interviewee:.....,

1.3 Name of village:..... 1.4 District:.....

1.5 Province:....., 1.6 Gender: Female Male 1.7 Age:.....

1.7 Levels of education:

1.7.1 Never attending any School

1.7.2 Primary School

1.7.3 Secondary School

1.7.4 College/Certificate /Diploma

1.7.5 Bachelor degree

1.7.6 Others:.....

1.8 Famer’s mobile number:.....

1.9 Family leader:

1.10 Ethnic groups:

1.10.1 Lao-luom,

1.10.2 Lao-mong

1.10.3 Lao Khmu

1.10.4 Others:.....

1.11 How many people are there in the family?.....persons, Number of female:.....persons.

No	Name & Surname	age	Relationship to the family	Responsibility in the family	Workforce	Level of education	Notes
1							
2							
3							
4							
5							
6							
7							
8							

Please you use this symbol for answer the questions

1.12 Have you lived in here since you were born? Yes No

If answer No, please

specific:.....

1.13How long have you been living in here? year:.....

1.14 Have you any supported from government/NGO? Please specific in

details:.....

Information about the crop production

1.15. What kind of crop have you grown from past until now?

- 1.15.1 Only upland rice
- 1.15.2 Upland rice + Rubber
- 1.15.3 Upland rice + other crops:.....
- 1.15.4. Rubber only
- 1.15.5. Other crops:.....

2. Information about household income from crop production

No	Sources of income from last year by sold	Amount	Unit	Consume	Sell	Price/kg	Total	Sell to whom
	Crop production							
1	Rice							
2	Maize							
3	Job's tear							
4	Vegetables							
5	Fruit tree							
	Raised livestock							
1	Fish							
2	Cows							
3	Buffaloes							
4	Pigs							
5	Goats							
6	Poultry							
7	Others							

Vegetable:.....

.....

Fruit tree:.....

.....

3. Livestock production and income generated from farm

3.1 Have you raised any livestock in your farm? Yes No

If answer No, please specific:.....

No	Animal types	Number of animal (Heads)	Weight (kg per Heads)	Amount sold	Amount consumed (kg)	Price/kg	Sell to whom
1	Fish						
2	Cows						
3	Buffaloes						
4	Pigs						
5	Goats						
6	Poultry						

4.Problems occurred in your farm

4.1 Have you facing any problems by crop production and raised livestock in your farm?

4.1.1 Crop production: Yes No

If answer Yes, please specific:.....

.....

4.1.2 Raised livestock: Yes No

If answer Yes, please specific:.....

.....

.....
.....
4.2 Have you solved any problems from crop production and raised livestock in your farm?

4.2.1. Crop production Yes No

If answer Yes, please specific:.....
.....
.....

4.2.2. Raised livestock Yes No

If answer Yes, please specific:.....
.....
.....

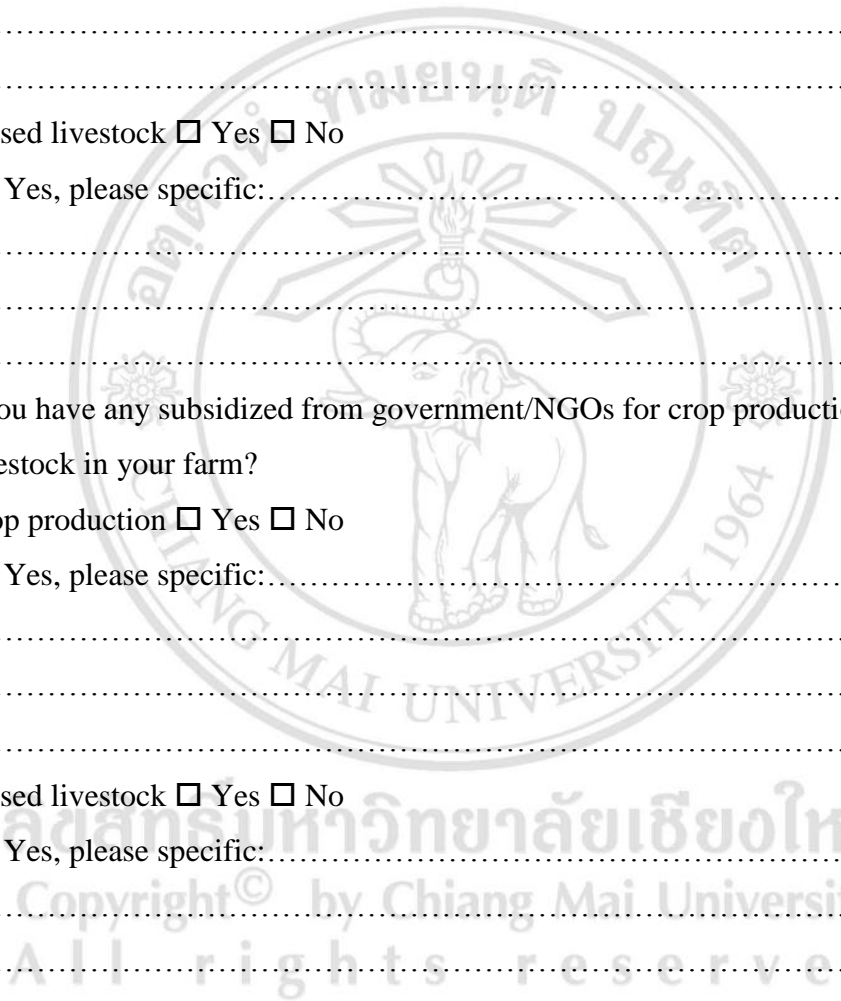
4.3 Did you have any subsidized from government/NGOs for crop production and raised livestock in your farm?

4.3.1. Crop production Yes No

If answer Yes, please specific:.....
.....
.....

4.3.2. Raised livestock Yes No

If answer Yes, please specific:.....
.....
.....



5. Household generated income from off-farm production (Non-Timber Forest Products: NTFPs)

No	Sources of income from last year by sold	Amount	Unit	Consume	Sell	Price/kg	Total	Sell to whom
1	Catch Fishing from rivers							
2	Hunting animal							
3	Bamboo shoots							
4	Wild vegetables							
5	Mushrooms							
6	Rattans							
7	Others:.....							

6. List of household expenditures in last year

No	List of household expenditures	Times	Amount per time (Kip)	Total (Kip)
1	Expenditure for children go to school			
2	Health care and medicine			
3	HH-expenditure on foods			
4	HH-expenditure on clothes			
4	House fixing			
6	Expenditure on cultural ceremony and festivals			
7	Land taxes and fees			
8	Others:.....			

7. List of household borrow/loan money in last year

No	List of household expenditures	Times	Amount per time (Kip)	Total (Kip)
1	Loan for children go to school			
2	Loan for health care and medicine			
3	Loan for HH-bought on foods			
4	Loan for HH-bought on clothes			
4	Loan for house fixing			
6	Loan for HH ceremony and festivals			
7	Loan for land taxes and fees			
8	Others:.....			

8. Information about the crop production areas

8.1. Farm typology

8.1.1 Only upland rice:.....Rai (1600 m²)

8.1.2 Upland rice + Rubber:.....+.....Rai

8.1.3 Upland rice + other crops:.....+.....Rai

8.1.4 Rubber only:.....Rai

8.1.5 Other crops:.....Rai

8.2. Crop calendar

No	Type of crop	Year:.....											
		1	2	3	4	5	6	7	8	9	10	11	12
1	Upland rice farm												
	1.1 Upland rice												
	1.2 Paddy rice												
2	Rubber												
	2.1 Planting rubber												
	2.2 Taping rubber												
3	Vegetables												
	3.1 Leafy vegetables												
	3.2 Fruit vegetables												
	3.3 Bulb/root vegetables												
4.	Maize												
5.	Job's tears												
6	Others:.....												

9. Sources of food for household that it collected from forest (non-timber forest products: NTFPs)

No	Type of food that it collected from NTFPs	Year:.....											
		1	2	3	4	5	6	7	8	9	10	11	12
1	Fishing from rivers												
2	Hunting animal												
3	Bamboo shoots												
4	Wild vegetables												
5	Mushrooms												
6	Rattans												
7	Others:.....												

9.1. Where do you usually collect NTFPs?

- 9.1.1 Collected nearby village
- 9.1.2 Collected conservation forest in district
- 9.1.3 Collected national protection forest areas
- 9.1.4 Others:.....

9.2. What are you thing about source food that you collect from forests?

9.2.1. Collected less than last year, please you give a reason:.....

.....
.....

9.2.2. Collected more than last year, please you give a reason:.....

.....
.....

9.2.3. Which month that you could not get any food from forests, please you give a reason:.....

.....
.....

9.2.4. How you could conservative forests areas?, please you give a reason:

.....
.....

9.3. Who usually go to collect NTFPs from forests?

- 9.3.1 Mother
- 9.3.2 Father
- 9.3.3 Sister, Son
- 9.3.4 Others:.....

9.4. What are the main foods in your household? You can give the answers more than one choice

- 9.4.1 From home garden and farm
- 9.4.2 From collected from forest
- 9.4.3 Buy from market, which one you buy:.....

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

10. Information about the infrastructures

10.1 Where are the places of water supply for drinking water in your village?

.....
.....

10.2 How far from your house?km

10.3 How is the quality of water drink?

- 10.3.1 Alkaline water
- 10.3.2 Salty water
- 10.3.3 Well water
- 10.3.4 Others:.....

10.4. What are the main of water supply for drinking water in your village?

- 10.4.1 Water supply from mountain
- 10.4.2 Water supply from underground water
- 10.4.3 Collected from rain and stored in the tank
- 10.4.4 Others:.....

10.5. How do you access to road?

- 10.5.1 By walking (no any roads)
- 10.5.2 Small road
- 10.5.3 Main road
- 10.5.4 Others:.....

10.6. How do you get electricity used in your house?

- 10.6.1 From small generator by diesel machine
- 10.6.2 From small generator by sun
- 10.6.3 From small generator by main electricity plant
- 10.6.4 Others:.....

10.7. Which schools are in your village? You can give the answers more than one choice

- 10.7.1 Primary school
- 10.7.2 Secondary school
- 10.7.3 High school
- 10.7.4 Others:.....

10.8. Where is the place you sell your crop, NTFPs and buy a food? You can give the answers more than one choice

- 10.8.1 Retailers in village
- 10.8.2 Small market nearby village
- 10.8.3 Market in city
- 10.8.4 Others:.....

10.9 Do have any village fund in the village?

- Support by village community 1= a little; 2= medium; 3=Good
- Support by Local government 1= a little; 2= medium; 3=Good
- Roam by Agricultural bank 1= a little; 2=Sometime; 3=Always
- Support by NGOs 1= a little; 2= medium; 3=Good
- Contract farming 1= a little; 2= medium; 3=Good

10.10. How far do you have a healthcare service or hospital?.....Km

- 1. Within village
- 2. Hospital in city
- 3. Hospital in province
- 4. Other:.....

10.11 Have any problems from health issues in Village?

.....

10.12 What kind of serious case in health problems?

.....

10.13 How community solves the problems?

.....

10.14 Others of problem that is relative to community

issues?.....

11. Food security issues in Household

11.1 How you solve the problems for deficit of food sources in your household?

- 11.1.1 Borrow from cuisines
- 11.1.2 Buy in market
- 11.1.3 Wage from employer
- 11.1.4 Other source

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