



APPENDICES

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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Appendix A

General background information of the village

Demographic and historical profile of the study area (for key informant)

1. Name of correspondentvillage.....

District.....Province.....

Village boundary

East to the West to the.....

North to the..... South to the.....

2. How long did your village was established? years or built in year.....

3. How many hectare of your village land?.....hectares

Settlement area.....ha

Upland rice areaha

Rainfed rice area.....ha

Other crops area.....ha

Communal forestland.....ha, conservation forest.....ha, usable forest.....ha

4. How many population in your village in 1990?.....people, 2010?.....people

5. Where people migrated from at the beginning of village established?

6. How many ethnic groups lived in your village since established?ethnics

Ethnic groups	Number of population					
	In 1990			In 2010		
	Total	Male	Female	Total	Male	Female
Lowland Lao						
Khmu						
Hmong						

Appendix B

Questionnaires for field data collection

This questionnaire design for collect data on the topic of “**Assessment of Spatial Land Use Change in Pak Ou District Luangprabang Province, Lao PDR**” from 3 contrasting sites of Pak Ou district, it will be expected to generate and provide helpful information for policy makers and development practitioners about magnitude and trends of land use and land cover change and their drivers, impacts on availability socio-economic and local farmers’ livelihoods. Therefore, the inputs as stakeholders to fill this questionnaire will be highly appreciated and information provided will stay confidential and right to involve or not is also respected.

Part I General background information of the households

Name of village.....District.....Province.....
 Household number.....
 Date of interviewed.....

1. Name of interviewee.....Age.....Position in HH.....
2. Total number of family members.....Female.....Male.....Total family labor.....
3. Education level (Please indicate your family member education into the table)

No	Name of family member	Education level					
		Un education	Primary school	Secondary school	High school	Vocational school	University
1							
2							
3							
4							
5							

4. Religion
5. Ethnic..... [Code: (1) Lao loum (2) Lao thueng (3) Lao song]
6. Total land ownedha

Please provide into the table below as an approximately of each your parcel land

Type of land use	Approximate size of each type of land		Note
	In the past 1990	In the 2010	
Home stead			
Rainfed rice area			
Upland rice area			
Orchard			
Vegetable			
Teak plantation			
Fallow abandoned			

Part II Physical change issues of LUC, drivers and their impacts

1. What are the major problems associated with land resource in your locality?

.....

2. What are the major problems associated with water resources in your locality?

.....

3. Is land degradation a problem in your locality? Yes..... No

4. What type of land (land cover, topography, and soil type) is vulnerable to land degradation (in order of vulnerability)?

- Soil erosion Gully formation Vegetation decline
 Soil fertility decline Water stress

Others, specify:

5. What other environmental problem that you received from last 20 up to now?

.....

6. How do you evaluate trend of land degradation over time? (Please indicate the number range below into the table)

	In the past 1990	Up to now
Severity of land degradation ¹		
Extent of land degradation ²		
Signs of land degradation ³		

¹ 1= No problem; 2= moderate; 3= severe; 4= very severe

² 1= absent; 2= present on vulnerable land units; 3= widespread everywhere

³ 1= soil erosion; 2= gully formation; 3= vegetation degradation; 4= soil fertility degradation; 5= water stress; 6= others (specify).....

7. What are the major factors that determine productivity of crops in your locality?

.....

8. What major shift in land use occurred in your locality in the last 20 years? (provide qualitative description; +, - & No change)

Types of land use	20 years ago		5 years ago up to now	
	Area	Quality	Area	Quality
Rainfed rice				
Upland rice				
Orchard				
Natural vegetation				
Communal forest				
Teak wood garden				
Rubber				
Fallow abandoned				

9. What are the major factors that affect your decision related to land use or management in order of importance (+explain)? And what is the difference in these factors between dry/wet/normal years?

.....

.....

10. Describe land lost or additional land gained during the last 20 years and associated factors?

.....

.....

11. Describe new practices & regulations that influence land management in your locality at different points in time and their impacts?

Last 5 years up to now:.....

Last 20 years ago:

12. What are the major changes in land use (area + quality) and management you noted in communal properties over the last 20 years and the institutional changes that go along with these?

.....

.....

.....

13. Are there external factors that are out of your control? Describe and explain while differentiating between:

Natural factors:

Demographic factors:

Institutional factors, laws:

Political factors, policies:

14. Crop production dynamics (indicate in hectare) over the last 20 years

No.	Name of crops	Amount owned				Remark
		Now 2010	5 years ago/2005	10 years ago/2000	20 years ago/1990	
1	Rainfed rice					
2	Upland rice					
3	Orchard					
4	Vegetable					
5	Teak wood					
6	Rubber					

15. What are your strategies during drought seasons or in case production failure?

.....

.....

16. Do you receive food aid and how much kilograms, if any?

.....

.....

17. List major production determinants in your area according to their importance? How was the ranking of the determinants 5, 10 and 20 years ago)

Now.....

10 years ago.....

20 years ago.....

18. Land use dynamic by crops cultivated (indicate in ha and year of planted)

Crop Types	Estimated and indicate year planted		Remark
	Size (ha)	Year	
Orchard			
Teak wood			
Rubber			
Others....			

19. Have you ever changed your land use by crop cultivated during the last 20 to other crop? If yes, what are the new crops you planted? (Provide into table below)

Your previous crops	Name of new crops	Size (ha)	Year planted
Upland rice field			
Rainfed rice field			
Orchard			
Teak wood			
Rubber			
Others....			

8. Source of family income (earning from livestock)

Types of animals	In 1990			In the last 5 year			In the present		
	Amt.	Amt. sale	Value Kip	Amt.	Amt. sale	Value Kip	Amt.	Amt. sale	Value Kip
Buffalo									
Cow									
Swine									
Goat									
Poultry									
Fish									
Others									
Total									

9. Other income (Non-farm activities)

No	Source of in come	Number of labor	Number of working Month or year	Annual net income (Kip/person)
1	NTFP collection			
2	Fishing			
3	Handicraft			
4	Weaving			
5	Trade services/retailer			
6	Vehicle services			
7	Boat services			
8	Worker			
9	Government officer			
10	Interest from bank saving			
11	Relative remittance			
12	Other job			

Part IV Institutional issues

1. Which organizations are working towards management of various land based resources in your locality?

.....

2. How do you evaluate the efforts made? What's not achieved so far and what could have been done differently?

.....

3. What are the most priority issues in your locality that needs intervention and please forward your suggestion to address it?

.....

4. Participation on training course and projects implemented in village

1. Last year, you participated on training course for:

- a) Cultivation (Rice, fruit, vegetable....) Time..... applied..... (1: yes; 0: no)
- b) Husbandry (pig, cattle, poultry....) Time..... applied..... (1: yes; 0: no)
- c) Other..... Time..... applied..... (1: yes; 0: no)

2. From year 2000, have you been participated on any projects/programs?.....
 (1: yes; 0: no) if Yes, what did projects/programs support you? How did they support? How much did they support?

Name of projects/programs	Supported form (material, money or what else?)	Value (Kip)	Self assessment		
			Very good	good	bad
1.....					
2.....					

5. Household opinions

1. Self-assessment on your household economic from past 20 years up to now:

- No change improved bad

If improved, please explain shortly:

- (a)
- (b)
- (c)

If bad, please explain shortly:

- (a)
- (b)

3. What is the advantages and disadvantages on your livelihood and agricultural production activities?

Activities	Advantage	Disadvantage

6. Perspectives

1 What is the most considered problems of your livelihood? Why?

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

2 Generally, which is the most profitable livelihood? Why?

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

3 What do you want to improve your livelihood activities?

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

4 Please provide some recommendation for local authorities and organization

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

5 Do you have additional issues to forward pertaining points discussed?

.....
.....
.....
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Appendix C

Household socio-economic data of 150 samples derived from field survey

Note: Village code 1 = Phonsavang, 2 = Sanghai and 3 = Thinchaleon, HHA = Head of Household Age, ETH = Ethnicity, ED = Education, HHS= Household Size, FL = Family Labor, LSH = Land Size Holding, RYP = Rice Yield Production, AL = Amount of Animal, OFIC = On Farm Income and NFIC = Non Farm Income

Table of socio-economic data

No	Village Code	Name of HH	HHA (Year)	ETH	ED level	HHS (Person)	FL Person	LSH (ha)	RYP	AL Head	OFIC Kip Per year	NFIC Kip Per year
1	1	Mr. Xiengmung	57	Lao	1	4	2	1.87	3.5	0	6,300,000	2,000,000
2	1	Mr. Xiengmout	56	Lao	3	6	2	6.79	5	2	9,600,000	3,000,000
3	1	Mr. Thitphone	57	Lao	1	7	2	3.45	4	2	9,500,000	3,000,000
4	1	Mr. Onchannh	45	Lao	1	7	2	2.8	2.5	2	7,200,000	250,000
5	1	Mr. Touy Norin	38	Lao	2	7	2	4.1	0	0	9,000,000	9,300,000
6	1	Mr. Xiengvanh	43	Lao	1	6	2	1.4	2	0	1,100,000	8,500,000
7	1	Mr. Khammy	62	Khmu	3	6	2	4.54	3.5	1	12,500,000	4,000,000
8	1	Mr. Phommy	50	Lao	1	3	2	1.5	1.5	0	4,800,000	2,500,000
9	1	Mr. Boualy	47	Lao	4	5	2	3.05	0	0	8,400,000	12,200,000
10	1	Mr. Phien	30	Khmu	2	9	2	2.3	2	0	2,400,000	14,000,000
11	1	Mr. Thitsomnith	78	Lao	1	7	2	1.7	3	6	16,700,000	7,500,000

Table of socio-economic data (Cont.)

No	Village Code	Name of HH	HHA (Year)	ETH	ED level	HHS (Person)	FL Person	LSH (ha)	RYP	AL Head	OFIC Kip Per year	NFIC Kip Per year
12	1	Mr. Somboun	73	Lao	1	6	2	1.35	2.5	0	9,600,000	-
13	1	Mr. Ka	43	Lao	1	8	2	1.92	2	5	8,300,000	-
14	1	Mr. Chansamone	64	Khmu	2	7	2	2.46	2	0	12,000,000	-
15	1	Mr. Khamphet	42	Lao	2	6	2	7.7	0	0	146,800,000	-
16	1	Mr. Xiengsomchith	68	Lao	1	10	4	1.67	3	1	8,400,000	13,000,000
17	1	Mr. Khamsy	50	Khmu	2	6	2	2.32	2	1	9,250,000	5,300,000
18	1	Mr. XiengOun	56	Khmu	1	7	2	2.1	0	2	9,800,000	9,000,000
19	1	Mr. Xiengtouy	38	Lao	1	3	2	1.45	0	0	2,500,000	800,000
20	1	Mr. Thitnoi	35	Lao	3	5	2	0.7	1.5	0	13,500,000	5,400,000
21	1	Mr. Kane soulideth	38	Lao	1	5	2	2.35	1.2	0	3,600,000	2,500,000
22	1	Mr. Thongchanh	27	Lao	1	4	2	1.3	2.5	0	2,700,000	9,600,000
23	1	Mr. Xiengmee	77	Lao	1	6	2	4.8	3.5	0	9,300,000	4,400,000
24	1	Mr. Seangphon	33	Khmu	1	5	3	2.6	2	1	9,600,000	5,500,000
25	1	Mr. Xiengpin	45	Lao	1	8	2	0.56	1.5	0	6,700,000	3,000,000
26	1	Mr. Vongchanh	45	Khmu	1	5	2	2.57	2.5	3	12,500,000	8,200,000
27	1	Mr. Somlith	36	Lao	1	4	2	1.42	0	0	14,300,000	-

Table of socio-economic data (Cont.)

No	Village Code	Name of HH	HHA (Year)	ETH	ED level	HHS (Person)	FL Person	LSH (ha)	RYP	AL Head	OFIC Kip Per year	NFIC Kip Per year
28	1	Mr. Viengthong	50	Lao	1	3	2	1.12	0	0	7,200,000	3,200,000
29	1	Mr. Somdy	58	Lao	2	7	2	1.9	0	0	8,950,000	9,200,000
30	1	Mr. Xiengphengyai	61	Lao	1	6	1	1.5	0	2	5,400,000	4,000,000
31	1	Mr. Fanh	51	Lao	1	12	3	4.78	2	0	16,500,000	1,600,000
32	1	Mr. Phaiphuang	55	Lao	1	7	3	1.59	1	0	4,500,000	7,800,000
33	1	Mr. Somsy	63	Lao	3	3	1	1.16	2	0	13,250,000	-
34	1	Mr. Ord	31	Lao	1	4	2	0.7	0	0	7,200,000	6,300,000
35	1	Mr. Chanthone	53	Lao	1	9	3	2.17	4	1	800,000	2,300,000
36	1	Mr. Kane	29	Lao	1	4	2	1.7	0	0	8,400,000	-
37	1	Mr. Somsack	43	Lao	2	6	2	1.25	2	2	7,200,000	11,000,000
38	1	Mr. Thitchanh	57	Lao	1	8	3	2.81	3	0	9,440,000	-
39	1	Mr. Thongsy	52	Khmu	1	7	2	2.16	1	0	8,220,000	-
40	1	Mr. XiengVieng	40	Lao	2	5	2	2.3	2	0	6,400,000	4,800,000
41	1	Mr. Xiengonsy	53	Lao	1	8	3	2.75	3	4	12,870,000	-
42	1	Mr. Thongvanh	63	Khmu	2	6	2	3	3	0	6,500,000	2,000,000
43	1	Mr. Phailin	40		1	9	3	1.2	1.4	0	6,450,000	13,000,000

Table of socio-economic data (Cont.)

No	Village Code	Name of HH	HHA (Year)	ETH	ED level	HHS (Person)	FL Person	LSH (ha)	RYP	AL Head	OFIC Kip Per year	NFIC Kip Per year
44	1	Mr. Vandy	30	Lao	1	7	3	1.2	1.5	0	7,650,000	1,200,000
45	1	Mr. Vilay	56	Khmu	1	4	3	1.6	2	0	11,250,000	9,500,000
46	1	Mr. Anousone	55	Lao	2	7	2	1.76	0	0	7,800,000	2,800,000
47	1	Mr. Chanhty	51	Lao	2	5	3	3.96	0	0	12,400,000	-
48	1	Mr. Mee	70	Lao	1	7	3	3.05	0.6	0	13,750,000	30,000,000
49	1	Mr. Xiengkhamchanh	39	Lao	2	6	2	1.54	0.3	0	5,820,000	15,000,000
50	1	Mr. Khamkueng	70	Lao	5	6	2	2.32	2	3	8,600,000	23,500,000
51	2	Mr. Khamlouan	55	Lao	2	8	2	1.5	2	0	6,500,000	10,400,000
52	2	Mr. Thitsiphanh	55	Lao	1	7	2	2.13	2.3	2	4,600,000	20,000,000
53	2	Mr. Thitphao	70	Lao	1	7	3	5.03	3.2	0	7,500,000	12,400,000
54	2	Mr. Sompharn	42	Lao	3	4	2	3.5	1	0	7,200,000	12,000,000
55	2	Mr. Houmpheang	44	Lao	4	7	2	6.48	3.5	0	16,500,000	39,500,000
56	2	Mr. TMhitbounchanh	65	Lao	2	7	2	4.34	2.7	0	7,500,000	5,550,000
57	2	Mr. Houmphanh	56	Lao	2	5	2	1.8	2.5	0	6,500,000	35,000,000
58	2	Mr. Thitmunh	78	Lao	1	4	2	8.2	9.8	0	12,000,000	38,000,000
59	2	Mr. Chandy	39	Lao	3	7	2	1.8	1.5	0	12,300,000	11,500,000

Table of socio-economic data (Cont.)

No	Village Code	Name of HH	HHA (Year)	ETH	ED level	HHS (Person)	FL Person	LSH (ha)	RYP	AL Head	OFIC Kip Per year	NFIC Kip Per year
60	2	Mr. Lith	57	Lao	2	6	2	4.7	2.5	0	14,500,000	45,000,000
61	2	Mr. Xieng On	45	Lao	1	5	2	1.8	2.6	0	6,500,000	15,000,000
62	2	Mr. Thongdy	62	Lao	2	7	2	2.2	1.2	0	4,600,000	7,600,000
63	2	Mr. Thitsiphanh Heon	68	Lao	1	4	2	2.06	1.6	0	5,400,000	12,500,000
64	2	Mr. Kham Ai	43	Lao	3	6	2	2.93	1.2	0	6,300,000	7,300,000
65	2	Mr. Xiengkong	63	Lao	1	6	2	2.18	2.4	0	7,400,000	12,000,000
66	2	Mr. Bounthan	50	Lao	2	5	2	3.5	1.2	0	12,500,000	75,000,000
67	2	Mrs. Phonkhao	48	Lao	1	4	2	0.57	1.2	0	6,500,000	15,300,000
68	2	Mr. Xiengbounthan	65	Lao	1	6	2	2.9	2.3	0	5,750,000	12,000,000
69	2	Mr. Bounmee	48	Lao	3	7	2	2.73	1.2	0	6,500,000	45,000,000
70	2	Mrs. Chansouk	56	Lao	1	3	2	1.5	1	0	7,300,000	27,000,000
71	2	Mr. Ounhuean Khoun	52	Lao	3	4	2	1.3	0	0	12,500,000	27,000,000
72	2	Mr. Thitchanty	60	Lao	2	6	2	1.85	0.7	0	6,700,000	15,000,000
73	2	Mr. Touy Khou	35	Lao	4	5	2	0.9	0.5	0	6,500,000	7,600,000
74	2	Mrs. Chanthaly	43	Lao	4	6	2	6.43	2.3	0	4,500,000	7,400,000
75	2	Mr. Kartkeo	38	Lao	4	5	2	4.65	1.2	0	6,500,000	54,000,000

Table of socio-economic data (Cont.)

No	Village Code	Name of HH	HHA (Year)	ETH	ED level	HHS (Person)	FL Person	LSH (ha)	RYP	AL Head	OFIC Kip Per year	NFIC Kip Per year
76	2	Mr. Ounkham	57	Lao	2	6	2	0.96		0	5,300,000	36,000,000
77	2	Mr. Somsack	53	Lao	1	5	3	1	1.2	0	6,300,000	21,500,000
78	2	Mrs. Bounthan	70	Lao	1	5	3	0.8	0.6	0	4,500,000	14,600,000
79	2	Mr. Somboun	47	Lao	2	5	3	1.5	1.3	0	3,400,000	24,000,000
80	2	Mr. Homphanh Khou	44	Lao	2	5	3	2.34	1	0	5,400,000	33,200,000
81	2	Mr. Xiengla	63	Lao	1	6	3	1.55	1.4	0	3,500,000	14,400,000
82	2	Mr. Sonsaveang	58	Lao	2	3	2	3.97	1	0	4,300,000	7,500,000
83	2	Mrs. Onta	64	Lao	1	3	2	1.72	1.1	0	3,400,000	12,500,000
84	2	Mr. Khamphat	42	Lao	2	5	2	2.26	1.6	0	2,500,000	12,000,000
85	2	Mr. Homphanh So	48	Lao	1	3	2	1.93	1.5	0	4,200,000	11,200,000
86	2	Mr. Ounheanyai	54	Lao	1	4	2	1.75	1.2	0	3,400,000	24,500,000
87	2	Mr. Ounheansack	48	Lao	1	6	2	2.03	1.5	0	4,300,000	5,300,000
88	2	Mr. Bounnoew	48	Lao	3	4	2	13.87	0	0	6,500,000	15,000,000
89	2	Mr. Maikom	35	Lao	1	4	2	5.5	0	0	4,200,000	13,500,000
90	2	Mr. Xiengkeanchanh	64	Lao	2	4	2	1.57	2.3	0	7,200,000	9,500,000
91	2	Mr. Xiengphommy	64	Lao	1	8	2	2.9	2.7	0	4,500,000	9,500,000

Table of socio-economic data (Cont.)

No	Village Code	Name of HH	HHA (Year)	ETH	ED level	HHS (Person)	FL Person	LSH (ha)	RYP	AL Head	OFIC Kip Per year	NFIC Kip Per year
92	2	Mr. Kane	43	Lao	2	5	2	0.79	1.1	0	3,500,000	30,000,000
93	2	Mr. Khamdy	47	Lao	2	6	2	1.5	0	0	6,500,000	12,000,000
94	2	Mr. Xiengnoew	70	Lao	1	5	2	0.96	1.1	0	3,400,000	7,600,000
95	2	Mr. Bounthanh Mai	51	Lao	1	7	4	1	1.5	0	2,500,000	24,500,000
96	2	Mr. Xiengdy	75	Lao	1	5	3	1.43	1.3	0	3,600,000	24,500,000
97	2	Mr. Noi thidavanh	45	Lao	3	5	2	1.13	0	0	6,000,000	50,000,000
98	2	Mr. Xiengchanh	49	Lao	2	5	2	2.1	1.5	0	2,500,000	12,500,000
99	2	Mr. Lah	41	Lao	2	6	2	2.5	1.8	0	3,400,000	12,800,000
100	2	Mrs. Fong	53	Lao	1	8	3	1.2	2.5	0	4,500,000	32,000,000
101	3	Mr. Ang	30	Lao	1	4	2	3.82	0	0	20,000,000	-
102	3	Mr. Houmphnpiah	28	Lao	2	4	2	0.44	0	0	12,000,000	800,000
103	3	Mrs. Somchith	56	Lao	1	5	4	4.51	0	0	105,000,000	11,000,000
104	3	Mrs. Bouavanh	64	Lao	1	6	4	2.8	0	0	18,000,000	23,200,000
105	3	Mr. XiengOnchanh	58	Lao	1	5	3	1.58	1.2	0	14,000,000	-
106	3	Mr. Jarnpheng	68	Lao	1	5	2	4.3	0	0	85,000,000	-
107	3	Mr. Phongsamai	36	Lao	5	6	2	4.65	0	0	37,000,000	31,000,000

Table of socio-economic data (Cont.)

No	Village Code	Name of HH	HHA (Year)	ETH	ED level	HHS (Person)	FL Person	LSH (ha)	RYP	AL Head	OFIC Kip Per year	NFIC Kip Per year
108	3	Mr. Khamtanh	63	Lao	3	4	2	4.61	0	0	96,000,000	12,000,000
109	3	Mr. Onta	46	Lao	1	6	3	1.58	0	0	11,000,000	4,000,000
110	3	Mr. Xiengmanh	52	Lao	2	6	2	0.48	0	0	35,000,000	13,100,000
111	3	Mr. Somchanh	60	Lao	1	7	4	2.1	0	0	16,500,000	-
112	3	Mr. Simeung	54	Lao	1	9	2	5.84	0	0	37,000,000	20,400,000
113	3	Mr. Khamfeua	56	Lao	4	5	2	3.03	0	0	37,000,000	8,700,000
114	3	Mr. Ounheuan	41	Lao	2	4	2	0.56	0	0	10,500,000	-
115	3	Mr. Houmpheng NB	50	Lao	2	7	4	2.77	0	0	35,000,000	12,100,000
116	3	Mr. Houmpheng Onh	41	Lao	1	6	2	2.03	0	0	21,000,000	-
117	3	Mrs. Thongkham	58	Lao	1	7	2	3.52	0	0	50,000,000	12,000,000
118	3	Mr. Xiengkhamphonh	50	Lao	1	4	4	1.68	0	0	12,500,000	-
119	3	Mr. Thitbounchanh	55	Lao	1	8	3	1.88	0	0	33,000,000	12,500,000
120	3	Mr. Khammanh	41	Lao	4	4	1	2.09	0	0	15,200,000	7,200,000
121	3	Mr. Bounthieng	31	Lao	2	4	2	1.39	0	0	12,500,000	12,000,000
122	3	Mr. Somkouan	39	Lao	2	6	2	1.06	0	0	11,000,000	10,000,000
123	3	Mr. Khammee	50	Lao	1	5	2	1.85	0	0	14,300,000	-

Table of socio-economic data (Cont.)

No	Village Code	Name of HH	HHA (Year)	ETH	ED level	HHS (Person)	FL Person	LSH (ha)	RYP	AL Head	OFIC Kip Per year	NFIC Kip Per year
124	3	Mr. ThitOnsy	76	Lao	1	5	1	1.78	0	0	13,600,000	700,000
125	3	Mr. Xiengthy	49	Lao	1	8	3	1.67	0	0	17,000,000	-
126	3	Mr. Loun	30	Lao	2	7	4	0.62	0	0	8,500,000	4,000,000
127	3	Mrs. Pinkham	59	Lao	1	6	4	1.43	0	0	13,700,000	-
128	3	Mr. Nieuw	52	Lao	1	4	2	0.53	0	0	15,000,000	5,000,000
129	3	Mr. theanh	34	Lao	3	4	2	1.34	0	0	70,000,000	-
130	3	Mr. Chanthavy	44	Lao	4	4	2	0.64	0	0	11,200,000	14,600,000
131	3	Mr. Vanthong	56	Lao	1	5	2	1.08	0	0	13,400,000	-
132	3	Mr. Veanh	27	Lao	2	4	2	0.21	0	0	13,800,000	-
133	3	Mr. Bounmee	42	Lao	2	2	2	1.06	0	0	18,000,000	3,000,000
134	3	Mr. Somdavone	54	Lao	1	7	3	2.33	0	0	29,500,000	-
135	3	Mr. Onchanh	36	Lao	1	5	2	1.42	0	0	10,650,000	6,000,000
136	3	Mrs. Souk	60	Lao	1	2	1	1.23	0	0	12,500,000	-
137	3	Mr. Kongmee	45	Lao	4	5	2	0.71	0	0	11,300,000	6,500,000
138	3	Mr. Xiengbouaphanh	70	Lao	1	3	1	1.46	0	0	15,500,000	4,000,000
139	3	Mr. Bouasone	59	Lao	1	8	4	0.85	0	0	20,000,000	1,500,000

Table of socio-economic data (Cont.)

No	Village Code	Name of HH	HHA (Year)	ETH	ED level	HHS (Person)	FL Person	LSH (ha)	RYP	AL Head	OFIC Kip Per year	NFIC Kip Per year
140	3	Mr. Oudom	45	Lao	4	6	3	1.73	0	0	38,000,000	9,000,000
141	3	Mrs. Onsy	58	Lao	1	6	2	2.71	0	0	32,500,000	8,400,000
142	3	Mr. Bounkane	36	Lao	3	4	2	0.43	0	0	11,700,000	2,800,000
143	3	Mr. Xiengchansouk	72	Lao	1	8	6	1.04	0	0	20,000,000	12,900,000
144	3	Mr. Khamvarn	63	Lao	1	5	3	0.52	0	0	10,400,000	2,500,000
145	3	Mr. Houmpeang	42	Lao	1	5	2	0.97	0	0	25,000,000	-
146	3	Mr. Khammanh Yong	35	Lao	5	4	2	2.01	0	0	15,000,000	13,500,000
147	3	Mr. Suea	26	Lao	3	5	2	0.65	0	0	8,600,000	7,800,000
148	3	Mr. Khien	39	Lao	1	4	2	1.56	0	0	14,000,000	1,500,000
149	3	Mrs. Pheangsy	57	Lao	1	5	2	2.79	0	0	43,000,000	-
150	3	Mr. Somnuek	70	Lao	1	5	2	3.98	0	0	27,000,000	-

CURRICULUM VITAE

Name	Mr. Phoutthasack Phoummasone
Date of birth	July 13, 1980
Educational background	
2000 - 2005	B.Sc. Agricultural science, Faculty of Agriculture, National University of Laos
2010 - 2012	M.Sc. Agriculture (Agricultural Systems), Faculty of Agriculture, Chiang Mai University, Thailand
Scholarship	The Thailand Research Fund (TRF)
Working experiences	
2005 - Present	Working at Northern Agriculture and Forestry College (NAFC) as a lecturer, teaching horticulture, plant science department.