### **APPENDIX**

# **Questionnaire for Exploratory Survey**

# **Topic:** Politics of Mangrove Restoration in Central Coast of Viet Nam

**Study Site:** Village 6, Quang Phong Ward, Ba Don Town, Quang Binh Province, Vietnam

# Part 1. General Information

1. Name of interviewee:	Gender: Male□ Female: □ Age:
<b>2.</b> Family relationship: household owner: □ h	usband/wife:□ Other: □
Name of household owner:	Age
3. No. of people in the family:No. of r	nain labor: No. of female labor
No. of children in the family:, No. of the	female children:
No. of children who are studying in the family	AM
No. of female children who are studying:	
<b>4.</b> Highest education: year of schooling:	VIVER
Level: Lower-intermediate: □Intermediate: □	l University/College: □Graduate: □
5. Food security	ยาลัยเชียงใหม
Over adequate: ☐ Adequate: ☐ Below a	
<b>6.</b> Type of household	reserved
Very Poor: □ Poor: □Medium: □ Rich: □	
<b>7.</b> Social status: Villager: □ Village officer: □	Commune officer: □ Others type: □

### Part 2. Land and Livelihood

7. Type of land use of household, unit = m2 (1 são = 500 m2)

	Are	ea	Area that has land tittle
Resident land			
Garden and agriculture	land		
Aquaculture land			
		0161319	
<b>3.</b> What is your family n	nain income so	ource (livelihood	)? (Can chose many options)
Agriculture: □ Aquac	ulture: 🗆 📑	ishery □ Labor:	B . 501
Services:  Officer: [	Others:	□, in detail:	3
<b>8.1</b> Agriculture:	150	William Co.	7/3/
50.14	Area	Yield	Average income
Rice		Try )	750
Ricc			
Vegetables		TA /	18/
	E.		
Vegetables Others Difficulties of agricultur	SUKY	Ongra Ongra	ยเชียงใหม่
Vegetables Others  Difficulties of agricultur  3.2 Livestock:	e:  No. of livestoo	วิทยาลั	Elia Bolia III
Vegetables Others  Difficulties of agricultur  3.2 Livestock:	ธิ์มหา	วิทยาลั	Served
Vegetables Others Difficulties of agricultur  3.2 Livestock: Type of livestock	ธิ์มหา	วิทยาลั	Elia Bolta Je income
Vegetables Others  Difficulties of agricultur  3.2 Livestock: Type of livestock Buffalo/Cow	ธิ์มหา	วิทยาลั	e income

# 8.3 Aquaculture

# a. Output of aquaculture

Type of aquatic	Area	Yield	Price/kg	Income
species	$(m^2)$	(kg)	(VND)	(VND)
1 Shrimp				
2 Fish				
3 Crab		20161319		
4	a's	diam ripl	8/0	
Annual income o	utput:	2000	1821	

# b. Input of aquaculture

Type	of	Source	of	Food	Preparation	Disease	Others	In sum
aquatic		species		(VND)	and care	(VND)	(VND)	
species		(VND)	\		(VND)		4	
1 Shrimp		113	,		MAN	15		
2 Fish			1			(T)		
3 Crab				MAI	NIVE	33//		
4								
Annual inpu	ut:	สิทธิ	31	เหาก	ทยาลั	धार्धिध	อใหม	

Difficulties of aquaculture:	by Chiang g h t s ı	; Mai Uni reser	versity v e d	
<b>8.4</b> Fishery (In-shore fishery)				
Cooperation□ Independent	ence□			
No. of times / month	; No. of month wo	orking /year	•••••	
Average daily income	VND			
Difficulties in in-shore fisheries	<i>:</i>			

Name of	No. of	No of	Where	Average	Average
labor	month/year	days/month		income/month	income/yea
Annual inco	ome:				
		9181	1116		
		96	00=	40.	
ifficulties o	f labor:	`/\S		1.331	
	//	/	1		
Services	100/	(Sterring)	THE PARTY OF THE P	7/-/	
Types of sea	rvices	Month? No.	of days/mont	th Gross mo	nthly income
1.Small bus	siness	7	THE N	1500	
2. Construc	tion		Y AZA		
3. Carpente	r		ARM I		
4					
Annual inco	ome	<u> </u>	MIVE		
			- 1		
	flahor:	ับหาจิเ	ายาลัย	ยเสียภใ	KII
ifficulties of	iubor.	1011101	10 101	010001	1110
ifficulties oj	UCITIO	(A)			SITV
C	opyright	© by С	hiang M	iai Univer	SILY
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Other sour	opyright	ight	s re	s e r v	e d

# **Part 3: Information about Mangrove Forest**

1. Do you know any mangrove restoration projects in the area from the past ur
-------------------------------------------------------------------------------

Name of program/projects/activities	When	Name of	sponsor	Name of conductor organization
Fragama Fragama and American				8
	31816	1400 .		
/ SV	D.D.	Da	2	
Have you ever participated to	any mangrove	e restoration p	projects?	
Yes: □ No: □			1/5	3
If yes, which part of the project	s did you part	ticipate in?	7 / .	
Planting: ☐ Nursery ☐ Trainir	ng:   Meetin	ıg: 🗆 Caring	: □ Othe	er
. If you joined training activitie	s, please poin	t out some de	etail of tha	at activity?
7 7			No. o	7
No. Content of training/	workshop	When	participa	Organizer
1/10	M. Colonia	0	\$ //	
	AI U	MAFE		I
<b>1.</b> How did people prepare for t	he seedlings?			
Local activities	หาวิท	Government	projects	อใหม
Collect from the previous fore	st by Ch	Collect from	the previ	ious forest
Buy from others area	σhts	Buy from ot	hers area	ved
Nursery garden	8 11 1 3	Nursery gard	den	V C G
Other				
5. Do you know how many spe	oios of monos	rova forast ar	o in vour	villaga? Which one
5. Do you know now many spec	cies of mangi	iove ioiest al	c iii youi	vinage: willen one:

7. Who help/support/guides you and your family about land and environment issue?
$\label{eq:Village committee: } \Box \qquad \qquad \text{Local committee: } \Box  \text{District/Province level: } \Box$
<b>8.</b> Level of technology support in the projects?
Frequently $\square$ Not frequently $\square$
9. Do you expect to participate in decision-making and planning process as well as
sharing experiences in mangrove restoration projects?
Yes: □ No: □
Why?
10. If yes, what kind of activities do you want to join?
Sharing experiences in terms of seedling/ planting/ and care of the mangrove forest $\Box$
Training of how to plant forest $\square$ Source of seedling $\square$ Planting section $\square$
Other
11. Do you know about government mangrove conservation and restoration policy?
Yes: □ No: □
If yes, what do you understand about that?
44
If no, please give the reason?
ลิสสิทธิ์แหกริทยกลัยเพียกใหม่
12. What do you think about the role of mangrove forest here?
Very important: □ Important: □ Moderate: □ Not important: □
- To environment
- To your family's income
- Do you have any plan to use that forest for improving income? (fish/crab raising)

<b>13</b> . Do you know any cultural activities in the villa
--------------------------------------------------------------

	Name	When	Meaning
_			
14	<b>4.</b> What kind of water do yo	ou use for daily life and cultiva	ation?
In	the past: Rain:   Tap v	vater:   Well   River	☐ Other: ☐
A	t the present: Rain:   Ta	ap water: □ Well □ Riv	ver □ Other: □
15	5. What do you think about	the role of water in your life a	nd cultivation and other?
V	ery important: ☐ Import	ant: ☐ Moderate: ☐ Not i	mportant: $\square$
10	6. Are you satisfied with the	water here?	3
Y	es: $\square$ No: $\square$	Character of the Control of the Cont	121
1	7. Have there been any char	nges in situations of natural di	saster from the past until
no	ow? In detail?		1000
	1/8/		131
		<u> </u>	/_S.//
18	<b>3.</b> Activity of water protection	ion:	\$ //
	☐ Save water in daily life	e and cultivation	'//
	☐ Collect waste along the	e river side	
	☐ Avoid through waste to	o the river	เหียกใหม่
	☐ Avoid sand mining and	d the others harmful activities	Liebeen's
	☐ Other	by Chiang Mai	University
19	<b>9.</b> Activities of forest protection	etion: hts res	erved
	☐ Collect waste along the	e river side	
	☐ Avoid through waste to	o the river	
	$\square$ Forest protection and c	are	
	☐ Avoid deforestation		
	☐ Participate and raise vo	pice for forest conservation in	the village and commune
	meetings		

□ Other
<b>20.</b> What is your benefit in protecting the forest?
21. What do you think how to promote other family participate to forest and water
protection and conservation?
0.0318121.60
22. Do you often watch/listen to policy news or forest management news?
Yes: \( \sigma \) No: \( \sigma \)
Source:
Media (TV, newspaper, radio etc.) $\square$ Village/commune committee: $\square$
Others:
23. Do you know the historical background of mangrove forest here? (Founded year?
Destroyed year? Restored year?)
Which
source?
<b>24.</b> Do you know the government forest conservation policy?
Yes: \( \sigma \) No \( \sigma \)
If yes, Please give name of policy?
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If not, why?

Thank you so much!

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#### **Conference Proceedings**

My, H.H.T.,& Takeda, S. (2015). *Decentralization in Mangrove Restoration: A Critical Analysis. Case study in the Central Coast of Vietnam*. International Academic Conference on "Land grabbing, conflict, and agrarian-environmental transformations: perspectives from East and Southeast Asia". June 5-6. Chiang Mai. Thailand.

Hoang, H.D.T., Ha, P.T.N., & My, H.H.T. (2012). Change of forest cover and shifting cultivation in upland Thua Thien Hue province during 2000-2011: Causes and implications for sustainable agricultural development. Conservation Agriculture and Sustainable Upland livelihoods. Innovations for, with and Farmers for Adapt to local and Global Changes. The 3th International Conference on Conservation Agriculture in Southeast Asia. Dec 11-12. Ha Noi. Vietnam.

### **Presentations at Professional Meetings**

My, H.H.T. (2014). Local Participation in Mangrove Reforestation in the Central Coast of Vietnam. CAPT International Symposium "Making a Difference through Community Engagement". National University of Singapore (NUS). Singapore.

My, H.H.T. (2013). Issues of Governance of Land and Forest Tenure in Vietnam & Mekong Region: Mechanisms to Address Land Grabbing: Case study in Vietnam. Regional Meeting on Land Investments and Land grabbing. Asia Pacific Network for Food Sovereignty (APNFS). Indonesia.

Maekawa, D.S., Maruyama.A., <u>My, H.H.T.</u>, Sopheak, V., Xayyachak, B. (2012). *Land use change in Thop Sok village, Laos; Phi and Pong village, Cambodia*. The 4<sup>th</sup> inter-University workshop on Educational Research Collaboration. Environmental Management Leader Program. Kyoto University (KU).

Duy, T.K., My, H.H.T., Tai, D.T., Tien, B.Q., Phu, N.N.N., Khanh, N.V., Manh, H.M., & Nguyet, N.T. (2010). Apply GIS and RS to build up watershed management system and evaluate current forest cover in Huong River watershed, Thua Thien Hue province. Faculty of Forestry's annual student research. Hue University of Agriculture and Forestry. Vietnam

### **Research Experiences**

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