



UNITED NATIONS
UNIVERSITY
UNU-EHS
Institute for Environment
and Human Security



Household Survey in Tra Cu
*“From Vulnerability Assessment
to Adaptation Options” within the WISDOM Project*

Interviewee:	Name:	Household Nr <i>(sampling list):</i>
	Name of hh-head:	
	Tel:	Questionnaire Nr.:
Interviewer:		Data Entry:
Date:		Time <i>(beginning):</i>
Hamlet:		Commune:

Dear,

Thank you very much for coming here and taking the time to talk with us. The research project is part of a cooperation between Vietnam and Germany. As you might already know, we are trying to learn more about the situation in your hamlet. Your knowledge and experience can help us to understand and find ways how to improve the circumstances for the people in rural areas of the Mekong Delta. The interview will take one to one and a half hours. The things you tell us will be kept confidential and will only be used for scientific purposes.

Thank you very much!

1. General Household Information

Can you describe the household members (all people living in your house and the ones which are supported by you or support you)? Please start with yourself.							
1.1 Are you the household head?						Yes	No
1.2 Relation to hh-head (1)	1.3 Sex (2)	1.4 Age	1.5 Ethnicity (3)	1.6 Education (4)	1.7 Main source of income (5)	1.8 Other source of income (5)	1.9 Membership (7)
(1)	1: head 2: wife/husband		3: son/daughter 4: son/daughter-in-law		5: father 6: mother		7: grandson/-daughter (in law) 99: others...
(2)	1: male		2: female				
(3)	1: Kinh		2: Khmer		3: Chinese		99: other
(4)	1: never went to school		3: secondary/high school		5: university completed		99: other
	2: primary school		4: vocational/college		0: younger than 6 years		
(5)	1: crop farming		4: fishing		7: trading		10: teacher
	2: aquaculture		5: worker		8: handicraft		11: remittances
	3: livestock		6: off-farm labor		9: gov. staff		12: unemployed
(6)	1: party		3: farmer's assoc.		5: youth union		7: pagoda
	2: charity group		4: women's union		6: veteran		8: cooperative
							0: none
							99: others

Is your household classified as poor?			
1.10 At the moment	Not poor	Near-poor	Poor
1.11 Have you been classified different before?	Yes (continue with 1.11)		No (continue with 1.13)
1.12 How?	Not poor	Near-poor	Poor
1.13 When (which year) did it change?			

What kind of agricultural/aquaculture land do you use?				
1.14 How many plots/ponds do you have?				
1.15 What is the size of the plots in ha? (max three; biggest ones) (small cong=0,1 ha) (big cong = 0,13 ha)		A	B	C
1.16 What is the ownership for each of these plots?		A	B	C
1 Family land 2 Borrowed 3 Leased 99 others				
	Only 1 product/year	Product Season 1	Product Season 2	Product Season 3
Name of the season				
1 Rice 3 Corn 5 Freshwater aquaculture		7 Fruit tree		
2 Sugar cane 4 Vegetable 6 Saltwater aquaculture		99 others		
1.16 Main agricultural production area				
1.17 Yield per ha in 2010/2011 (2011 if only 1 season) in kg				
1.18 Yield per ha (average) in kg (cross if first season of production)				

1.19 Yield per ha (max) in kg (cross if first season of production)				
1.20 Other land				
1.21 Yield per ha in 2010/2011 (2011 if only 1 season) in kg				
1.22 Yield per ha (average) in kg (cross if first season of production)				
1.23 Yield per ha (max) in kg (cross if first season of production)				

1.24 Which of these productive assets do you possess to generate income?			
Assets	How many	Assets	How many
Agricultural machinery		Cattle	
Aquacultural machine		Pig	
Pumping engine		Poultry	
Electric motor		Individual dyke	
Hand well		Other....	

2. Risk perception

Which major natural hazards did you experience in the last 10 years?		Which natural risks will be of significant importance in the next 10 years?	
Natural hazards experienced (1)	Ranking	Natural risks in future (1)	Ranking
2.1		2.4	
2.2		2.5	
2.3		2.6	
1 Salinisation	3 Flood-related salinity	5 Crop diseases	7 Drought
2 Tidal flooding	4 Flood-related diseases	6 Livestock diseases	8 Water quality
			9 Undergr. water scarcity
			99: others

Which major socio-economic hazards did you experience in the last 10 years?		Which socio-economic risks will be of significant importance in the next 10 years?	
Socio-economic hazards experienced (1)	Ranking	Socio-economic risks in future (1)	Ranking
2.7		2.10	
2.8		2.11	
2.9		2.12	
1 Unemployment	3 Low output prices	5 Debt to reimburse	7 Lack of land
2 Sickness/health	4 High input prices	6 Lack of electricity	8 Lack of knowledge
			9 Transportation
			99: others

2.13. Did you ever hear about Climate change?	Yes		No	
2.14. How important do you consider it to be?	1 Not important	2 important		3 very important
2.15. How has weather changed in the past 30 years?	1 Worse	2 normal	3 better	88 don't know
2.16. How will weather change in the next 30 years?	1 Worse	2 normal	3 better	88 don't know
2.17. Do you think that you will have to adapt to these changes?	Yes		No	

How does/will tidal flooding affect you?				
2.18 Does tidal flooding occur regularly and in which intensity?				
1 every year severe	3 many years severe	5 some years little	0 never occurred	
2 every year little	4 few years severe	6 first time to be affected	99 other	
2.19 How did it change in the last 30 years?	1Worse	2 Normal	3 Better	88 Don't know
2.20 What changed when comparing with the past? (check max. 3 answers)				
1 normal duration	4 starting earlier	7 ending later	10 lower flood level	
2 longer duration	5 starting later	8 unchanged flood level	88 Don't know	
3 shorter duration	6 ending earlier	9 higher flood level	99: others	
2.21 Why did it develop like that? (check max. 3 answers)				
1Temperature	4 Sea wind	3 Water from upstream	7 God	99 others
2 Rain	5 Sluice gate operation	6 Sea level rise	88 Don't know	
2.22 In which years was it most adverse? (Ranking)	1.	2.	3.	
2.23 What was the main reason for the most recent event?				
1Temperature	4 Sea wind	3 Water from upstream	7 God	99 others
2 Rain	5 Sluice gate operation	6 Sea level rise	88 Don't know	
2.24 How much of your harvest was lost due to tidal flooding? (in % for most recent case of adverse affection)				
2.25 What was the main reason for losing production? (one option for most recent case of adverse affection)				
1 normal duration	4 starting earlier	7 ending later	10 lower flood level	
2 longer duration	5 starting later	8 unchanged flood level	88 Don't know	
3 shorter duration	6 ending earlier	9 higher flood level	99: others	
2.26 Were there any other effects of tidal flooding? (check max. 3 answers)				
1House got flooded	3 Broken dyke	5 Quality of land	0 no other effects	
2 Transport problem	4 Product quality	6 Water in the pond	99 others	
2.32 Was there an early warning about tidal flooding levels?	Yes		No	
2.33 Who informed you? (multiple answers)	1 TV /Radio	2 Family/Friends	3 Extension/Government	99 Other
2.33 How will it change in the next 30 years?	1 Worse	2 Normal	3 Better	88 Don't know
2.34 What will change? (check max. 3 answers)				
1 normal duration	4 starting earlier	7 ending later	10 lower flood level	
2 longer duration	5 starting later	8 unchanged flood level	88 Don't know	
3 shorter duration	6 ending earlier	9 higher flood level	99: others	
2.35 Why will it develop like that? (check max. 3 answers)				
1Temperature	4 Sea wind	3 Water from upstream	7 God	99 others
2 Rain	5 Sluice gate operation	6 Sea level rise	88 Don't know	
2.36 Do you think you will have to adapt to these changes in future? (do not change it from 'yes' to 'no' if he/she doesn't know how to adapt in the next section!)	Yes		No	
2.37 HOW? (check max. 3 answers)				
1: Change crop	3: Change to livestock	5: Change to off-farm	7 Migration	99: other
2: Change crop calendar	4: Change to aquaculture	6: Sell all land	8 Change variety	

3. Household Strategies

Did you do one of the following things in the last years?			
3.1. Build an individual dyke or embankment around your field		Yes (do not answer 3.6)	No (continue with 3.6)
3.2. What kind of dyke was it? (most recent case)			
1 communal dyke		3 dyke shared with neighbours	4 embankment around the field
2 individual dyke		99 other	
3.3. When did you build it? (year of most recent case)			
3.4. Did you do it cope with/adapt to one of the following problems? (check the following options, max. 3, most recent case)			
1 Unemployment		3 Salinisation	5 High input prices
2 Sickness/health		4 Flooding	6 Low output prices
		7 Crop diseases	8 Debt to reimburse
		99: others	0 not risk related
3.5. Was it mainly related to ... (for which of the options, if both past and future relation apply)		Experienced past problems	Expected future problems
If no	3.6. Would you build an individual dyke if tidal flooding got worse and you had the financial capital?	Yes	No
3.7. What are the advantages of building a dyke/embankment? (circle the options, enter three most important ones and circle the most important)			
1 low costs		3 it is easy to implement	5 does not/positively affect environment
2 expected increase in income		4 it takes only a short time	6 brings benefits also in future
		99 others	
3.8. What are the advantages of building a dyke/embankment? (circle the options, enter three most important ones and circle the most important)			
1 high costs		3 it is hard to implement	5 affects environment negatively
2 no expected increase in income		4 it takes a long time	6 will not bring benefits in future
		99 others	
3.9. Do you think it is a good or bad strategy?		Good	Bad
3.10. Repair an individual dyke or embankment around your pond (not relevant if no ind. dyke/embankment)		Not relevant (continue with 3.17)	Yes (do not answer 3.15)
			No (continue with 3.15)
3.11. What kind of dyke/embankment was it? (most recent case)			
1 communal dyke		3 dyke shared with neighbours	4 embankment around pond
2 individual dyke			
3.12. When did you build it? (year for most recent case)			
3.13. Did you do it cope with/adapt to one of the following problems? (check the following options, max. 3, most recent case)			
1 Salinisation		3 Rain	5 Broken (bad material)
2 Flooding		4 Crop/shrimp diseases	6 Broken (flooding)
		99: others	0 not risk related
3.14. Was it mainly related to ... (for which of the options, if both past and future relation apply)		Experienced past problems	Expected future problems
If no	3.15. Would you repair a dyke/embankment if it would break?	Yes	No
3.16. What are the advantages of repairing a dyke/embankment? (circle the options, enter three most important ones and circle the most important)			
1 low costs		3 it is easy to implement	5 does not/positively affect environment
2 expected increase in income		4 it takes only a short time	6 brings benefits also in future
		99 others	

3.17. What are the disadvantages of repairing dyke/embankment? (<i>circle the options, enter three most important ones and circle the most important</i>)						
1 high costs	3 it is hard to implement	5 affects environment	6 will not bring benefits in future			
2 no expected increase in income	4 it takes a long time	negatively	99 others			
<i>If n.r</i>	3.18. Do you think it is a good or bad strategy?			Good	Bad	

3.19. Reproduce after loss of harvest (in the same season) – also applies for aquaculture				Yes (do not answer 3.25)	No (continue with 3.25)	
3.20. When did you have to do that? (season of which year, most recent case)						
3.21. Did you refill the field or reproduce all of it? – also applies for aquaculture		Refill	Reproduce all			
3.22. Comments:						
3.23. Did you do it cope with one of the following problems? (check the following options, max. 3)						
1 Salinisation	2 Tidal flooding	3 Crop/shrimp diseases	0 Not risk related	99: others		
3.24. Was it mainly related to... (for which of the options, if both past and future relation apply)		Experienced past problems	Expected future problems			
<i>If no</i>	3.25. Would you reproduce if you lost your harvest?			Yes	No	
3.26. What are the advantages of this strategy? (<i>circle the options, enter three most important ones and circle most important one</i>)						
1 low costs	3 it is easy to implement	5 does not/positively affect environment	6 brings benefits also in future			
2 expected income is higher than costs	4 it takes only a short time		99 others			
3.27. What are the disadvantages of this strategy? (<i>circle the options, enter three most important ones and circle most important one</i>)						
1 high costs	3 it is hard to implement	5 affects environment	6 will not bring benefits in future			
2 expected income is lower than costs	4 it takes a long time	negatively	99 others			
3.28. Do you think it is a good or bad strategy?				Good	Bad	

3.29. Pump freshwater in the field to reduce salinity (not for irrigation purposes)			Normal (continue with 3.37)	Yes (do not answer 3.34)	No (continue with 3.34)	
3.30. When did you have to do that more than normally? (year of the most recent case)						
3.31. From which source did you take the water?						
1 River/canal	2 Underground water/dwell	99 other source				
3.32. Did you do it cope with one of the following problems? (check the following options, max. 3 for the most recent case)						
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases	0 not risk related		
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse	99: others		
3.33. Was it mainly related to... (for which of the options, if both past and future relation apply)		Experienced past problems	Expected future problems			
<i>If no</i>	3.34. Would you apply the strategy if there were higher flood levels in your field?			Yes	No	
3.35. What are the advantages of this strategy? (<i>circle the options, enter three most important ones and circle most important one</i>)						
1 low costs	3 it is easy to implement	5 does not/positively affect environment	6 brings benefits also in future			
2 expected income is higher than costs	(labour, advise) 4 it takes only a short time		99 others			

3.36. What are the disadvantages of this strategy? (enter three most important ones and circle most important one)						
1 high costs	3 it is hard to implement	5 affects environment	6 will not bring benefits in future			
2 expected income is lower than costs	4 it takes a long time	negatively	99 others			
3.37. Do you think it is a good or bad strategy?				Good	Bad	

3.38. Reduce input factors (e.g. to reduce costs in difficult situations, improve health or environment)			Normal (continue with 3.46)	Yes (do not answer 3.43)	No (continue with 3.43)	
3.39. When did you reduce them more than normally? (most recent case)						
3.40. Which in particular? (in the previously stated year)						
1 Fertilizer (crops)	3 Seeds (crops)	5 Medicine (aquaculture)	7 Machine rent			
2 Pesticides/Herbicides (crops)	4 Feed (aquaculture)	6 Labour	99 others			
3.41. Did you do it cope with one of the following problems? (check the following options, max. 3)						
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases	0 not risk related		
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse	99: others		
3.42. Was it mainly related to... (for which of the options, if both past and future relation apply)		Experienced past problems	Expected future problems			
If no	3.43. Would you reduce fertilizer if you needed to reduce costs?		Yes	No		
3.44. What are the advantages of this strategy? (circle the options, enter three most important ones and circle the most important)						
1 decreases costs	3 it is easy to implement	5 does not/positively affect environment	6 it doesn't affect me negatively in the long run	99 others		
2 income is not much affected	4 it takes only a short time					
3.45. What are the disadvantages of this strategy? (circle the options, enter three most important ones and circle the most important)						
1 decreases costs little	3 t is hard to implement, also depends on others	5 affects environment negatively	6 will affect me negatively in the long run	99 others		
2 income will be much lower	4 it takes a long time					
If n.r	3.46. Do you think it is a good or bad strategy?		Good	Bad		

3.47. Increase input factors (to overcome a difficult situation)			Normal (continue with 3.55)	Yes (do not answer 3.52)	No (continue with 3.52)	
3.48. When did you increase them more than normally? (year of most recent case)						
3.49. Which in particular? (check max. one)						
1 Fertilizer (crops)	3 Seeds (crops)	5 Medicine (aquaculture)	7 Machine rent			
2 Pesticides/Herbicides (crops)	4 Feed (aquaculture)	6 Labour	99 others			
3.50. Did you do it cope with/adapt to one of the following problems? (check the following options, max. 3)						
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases	0 not risk related		
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse	99: others		
3.51. Was it mainly related to... (for which of the options, if both past and future relation apply)		Experienced past problems	Expected future problems			
If no	3.52. Would you increase fertilizer/ more medication (aquaculture) if you needed to generate a higher income in the short term?		Yes	No		
3.53. What are the advantages of increasing fertilizer/ more medication (aquaculture)? (circle the options, enter three most important ones and circle the most						

important)						
1 low costs	3 it is easy to implement	5 does not/positively affect environment	6 it brings benefits also in future			
2 income will increase	4 it takes only a short time	99 others				
3.54. What are the disadvantages of increasing fertilizer/ more medication (aquaculture)? (circle the options, enter three most important ones and circle the most important)						
1 high costs	3 it is hard to implement	5 affects environment negatively	6 will not bring benefits in the long run			
2 income will not increase much	4 it takes a long time	99 others				
<i>If n.r</i>	3.55.	Do you think it is a good or bad strategy?	Good	Bad		

3.56. Take children out of school (to cope with a difficult situations) – only relevant if there are children up to high school age)		Not relevant (continue with 3.63)	Yes (do not answer 3.60)	No (continue with 3.60)
3.57. In which year did you take them out of school? (most recent case)				
3.58. Did you do it cope with/adapt to one of the following problems? (check the following options, max. 3)				
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases	0 not risk related
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse	99: others
3.59. Was it mainly related to... (for which of the options, if both past and future relation apply)		Experienced past problems	Expected future problems	
<i>If no</i>	3.60. Would you take them out of school if you would be in a difficult situation?		Yes	No
3.61. What are the advantages of taking your children out of school? (circle the options, enter three most important ones and circle the most important)				
1 decreases costs	3 it is easy to implement (law, neighbours, etc.)	5 it doesn't affect me negatively in the long run	99 others	
2 increases income	4 it takes only a short time			
3.62. What are the disadvantages of taking your children out of school? (circle the options, check max. three and enter most important one)				
1 decreases costs little	3 it is hard to implement (law, neighbours, etc.)	5 will affect me negatively in the long run		
2 income will not increase much	4 it takes a long time	99 others		
<i>If n.r</i>	3.63.	Do you think it is a good or bad strategy?	Good	Bad

3.64. Buy food on credit (to cope with a difficult situations, not relevant if normal)		Normal (continue with 3.74)	Yes (do not answer 3.71)	No (continue with 3.71)
3.65. In which year did you have to buy more on credit than normal (most recent case)?				
3.66. Did you do it cope with one of the following problems? (check the following options, max. 3)				
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases	0 not risk related
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse	99: others
3.67. Was it mainly related to... (for which of the options, if both past and future relation apply)		Experienced past problems	Expected future problems	
3.68. From whom did you borrow the most? (for the most recent case)				
1 Shop-owner/market	2 Family	3 Friends/Neighbours	99: others	
3.69. At which interest rates? (in % per month)				
3.70. Lending period? (period when more borrowed than normal, in weeks)				
<i>If no</i>	3.71. Would you buy food on credit if you had financial problems?		Yes	No
3.72. What are the advantages of buying food on credit? (circle the options, enter three				

<i>most important ones and circle the most important)</i>			
1 costs of borrowing low	3 it is easy buy on credit	5 it doesn't affect me	99 others
2 invest saved money to increase income	4 it takes only a short time	negatively in the long run	
3.73. What are the disadvantages of it? (circle the options, enter three most important ones and circle the most important)			
1 costs are high	3 it is hard to buy on credit	5 will affect me negatively in the long run	99 others
2 cannot invest money to increase income	4 it takes a long time		
<i>If n.r</i>	3.74. Do you think it is a good or bad strategy?	Good	Bad

3.75. Buy input factors on credit (to cope with a difficult situations)		Normal (continue with 3.86)	Yes (do not answer 3.83)	No (continue with 3.83)
3.76. Which in particular? (check max. one)				
1 Fertilizer	2 Pesticides/Herbicide	3 Seeds	4 Medicine (aquaculture)	5 Feed (aquaculture) 99 others
3.77. When did you have to take a higher credit than normal? (season of which year, most recent case)				
3.78. Did you do it cope with/adapt to one of the following problems? (check the following options, max. 3)				
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases	0 not risk related
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse	99: others
3.79. Was it mainly related to... <i>(for which of the options, if both past and future relation apply)</i>	Experienced past problems		Expected future problems	
3.80. From whom did you borrow the most? (for the most recent case)				
1 Shop-owner/market	2 Family	3 Friends/Neighbours	99: others	
3.81. At which interest rates? (in % per month for the previously stated one)				
3.82. Lending period? (period when more borrowed than normal, in weeks)				
<i>If no</i>	3.83. Would you buy /buy more fertilizer/medication (aquaculture) on credit if you had financial problems?		Yes	No
3.84. What are the advantages of buying fertilizer/ more medication (aquaculture) on credit? (circle the options, enter three most important ones and circle the most important)				
1 costs of borrowing low	3 it is easy to buy on credit	5 doesn't affect environment negatively	99 others	
2 invest saved money to increase income	4 it takes only a short time	6 it doesn't affect me negatively in the long run		
3.85. What are the disadvantages of buying fertilizer/ more medication (aquaculture) on credit? (circle the options, enter three most important ones and circle the most important)				
1 costs are high	3 it is hard to implement	5 affects environment negatively	6 will affect me negatively in the long run	
2 cannot invest money to increase income	4 it takes a long time		99 others	
<i>If n.r</i>	3.86. Do you think it is a good or bad strategy?	Good	Bad	

3.87. Take a loan (additional loan / bigger loan than normal)		Yes (don't answer 3.95)	No (continue with 3.95)	Normal (continue with 3.98)
3.88. For what did you have to take an additional/bigger loan? (check most recent one)				
1 Fertilizer/chemical	3 Livestock	5 Build a house	7 Buy land	9 Health 11 Consumption good
2 Machine /Labour	4 Feed	6 Build a dyke	8 Education	10 Migrate 99 others
3.89. In which year? (for the three most recent one)				
3.90. Did you do it cope with/adapt to one of the following problems? (check the following options, max. 3, for the most recent case)				
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases	0 not risk related
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse	99 others

3.91.	Was it mainly related to... <i>(for which of the options, if both past and future relation apply)</i>	Experienced past problems	Expected future problems	
3.92. Lending period? <i>(for the most recent one)</i>				
3.93. <i>From whom?</i> <i>(check one of the following options)</i>				
1 Agribank	3 Private lender	5 Trader	7 IMPP	9 Government program
2 Socialbank	4 Family/Friends	6 Women Union	8 Saving group	99 others
3.94. <i>At which interest rates?</i> <i>(for the previously stated loan)</i>				
<i>If no</i>	3.95. Would you take a loan from the Agribank if you had financial problems and needed 15 Mio VND?	Yes	No	
3.96. What are the advantages of taking a loan at Agribank? <i>(circle the options, enter three most important ones and circle the most important)</i>				
1 costs of borrowing low	3 it is easy to get <i>(access, paperwork, etc)</i>	5 it doesn't affect me negatively in the long run		
2 invest saved money to increase income	4 it takes only a short time	99 others		
3.97. What are the disadvantages of taking a loan at Agribank? <i>(circle the options, enter three most important ones and circle the most important)</i>				
1 costs are high	3 I cannot do it by myself	5 it is hard to implement	99 others	
2 cannot invest money to increase income	4 it takes a long time	7 will affect me negatively in the long run		
<i>If n.r</i>	3.98. Do you think it is a good or bad strategy?	Good	Bad	

3.99. Sell productive assets		Yes	No <i>(continue with 3.104)</i>	
3.100. Which assets? <i>(most recent one, only risk related ones)</i>				
1 Land	3 House	5 Pig	99 others	
2 Machine	4 Cattle	6 Motorbike		
3.101. In which year? <i>(most recent case)</i>				
3.102. Did you do it cope with one of the following problems? <i>(check the following options, max. 3 for the most recent case)</i>				
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases	0 not risk related
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse	99 others
3.103.	Was it mainly related to... <i>(for which of the options, if both past and future relation apply)</i>	Experienced past problems	Expected future problems	
<i>If no, also if yes</i>	3.104. Would you sell part of your land if you had severe problems?	Yes	No	
3.105. What are the advantages of selling your land ? <i>(circle the options, enter three most important ones and circle the most important)</i>				
1 transaction costs low	3 I can do it by myself <i>(e.g. middleman)</i>	5 it is easy to sell it	7 it brings benefits in long run	
2 invest money to increase income	4 it takes only a short time	6 does not/positively affect environment	99 others	
3.106. What are the disadvantages of selling your land ? <i>(circle the options, enter three most important ones and circle the most important)</i>				
1 transaction costs high	3 I cannot do it by myself	5 it is hard to sell it	7 affects me negative in long run	
2 will reduce my income	4 it takes a long time	6 affects environment	8 lose money because value rises	
99 others				
3.107. Do you think it is a good or bad strategy?		Good	Bad	

3.108. Invest in assets		Yes	No <i>(continue with 3.114)</i>	
3.109. Which asset did you invest? <i>(only 1; most recent one)</i>				

1 Land	3 House	4 Individual dyke	6 Household equipment
2 Machine	4 Livestock	5 Motorbike	99 others
3.110. In which year? (<i>most recent one</i>)			
3.111. How did you finance it? (<i>only 1; most recent one</i>)			
1 Bank loan	3 Family/friends	5 Increased income	7 Womans Union/IMPP
2 Private lender	4 Saving	6 Government program	99 others
3.112. Did you do it cope with/adapt to one of the following problems? (check the following options, max. 3)			
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse
			0 not risk related
			99 others
3.113. Was it mainly related to... (<i>for which of the options, if both past and future relation apply</i>)		Experienced past problems	Expected future problems
<i>If no, also if yes</i>	3.114. In which asset would you invest if a family member/friend gave you 15 Mio and you could take a loan for the rest of the needed capital? (<i>check only 1 option</i>)		No
		Yes	
1 Land	3 House	4 Individual dyke	6 Household equipment
2 Machine	4 Livestock	5 Motorbike	99 others
3.115. What are the advantages of this investment? (<i>circle the options, circle enter three most important ones and circle the most important</i>)			
1 costs are low	3 it is easy to implement	5 it brings benefits in long run	
2 can increase income	4 it takes a short time	99 others	
3.116. What are the disadvantages of this investment? (<i>circle the options, enter three most important ones and circle the most important</i>)			
1 costs are high	3 It is hard to implement	5 no benefits in the long run	
2 will not increase income	4 it takes a long time	99 others	
3.117. Do you think it is a good or bad strategy?			Bad
		Good	
3.118. Changes in the crop/production calendar (<i>also applies for aquaculture</i>)			No (<i>continue with 3.133</i>)
		Yes	
3.119. How often did you change it in the last 10 years?			
3.120. For which product? (<i>most recent one</i>)			
1 Rice	3 Corn	5 freshwater aquaculture	7 Fruit tree
2 Sugar cane	4 Vegetable	6 saltwater aquaculture	99 others
3.121. In which year? (<i>most recent one</i>)			
3.122. How? (<i>check max. 2 for the most recent one</i>)			
1 Earlier	3 Longer	99 others	
2 Later	4 Shorter		
3.123. Did you do it cope with/adapt to one of the following problems? (check the following options, max. 3)			
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse
			0 not risk related
			99 others
3.124. Was it mainly related to... (<i>for which of the options, if both past and future relation apply</i>)		Experienced past problems	Expected future problems
<i>If no</i>	3.125. Would you change the crop/production calendar if others changed their calendar?		No
		Yes	
3.126. What are the advantages of this change? (<i>circle the options, enter three most important ones and circle the most important</i>)			
1 costs are low	3 it is easy to implement	5 does not/positively affect environment	99 others
2 can increase income	4 it takes a short time	6 it brings benefits in long run	
3.127. What are the disadvantages of this change? (<i>circle the options, enter three most important ones and circle the most important</i>)			
1 costs are high	3 it is hard to implement	5 affects environment negatively	99 others

2 will not increase income	4 it takes a long time	6 no benefits in the long run
3.128. Do you think it is a good or bad strategy?	Good	Bad

3.129. Change to another crop/variety/species		Yes	No (continue with 3.142)
3.130. What did you change			
3.131. When? (which season of which year)			
3.132. Did you do it cope with/adapt to one of the following problems? (check the following options, max. 3)			
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse
		99 others	0 not risk related
3.133.	Was it mainly related to... (for which of the options, if both past and future relation apply)	Experienced past problems	Expected future problems
If no	3.134. Would you change to corn production/ other species (for aquaculture) if others did so?	Yes	No
3.135. To which species would you change? (for aquaculture only)			
3.136. What are the advantages of this change (respectively corn if no change occurred)? (check max. three and enter most important one)			
1 costs are low	3 it is easy to implement	5 does not/positively affect environment	99 others
2 can increase income	4 it takes a short time	6 it brings benefits in long run	
3.137. What are the disadvantages of this change (respectively corn if no change occurred)? (check max. three and enter most important one)			
1 costs are high	3 I it is hard to implement(e.g. not familiar with it)	5 affects environment	99 others
2 will not increase income	4 it takes a long time	6 no benefits in the long run	
3.138. Do you think it is a good or bad strategy?		Good	Bad
3.139. After what time can you say that it was a good decision to change the crop/other species? (enter three most important ones and circle the most important)			
1 after one season	2 after one year	3 after 3 years	4 after 10 years
99 others			

3.140. Migration		Normal (continue with 3.158)	Yes (don't answer 3.155)	No (continue with 3.155)
3.141. How many family members migrated?				
3.142. When did he/she migrate? (year for the most recent case)				
3.143. For how long do the migrant go? (most recent case)				
1 Few weeks every year	3 Few months in every year	5 permanent	99 others	
2 Few weeks in some years	4 Few months in some years	6 not clear yet (migrated recently)		
3.144. What do the migrants do? (most recent case)				
1 Construction	3 Farm worker	5 Education	99 others	
2 Factory	4 Household	6 High-skill jobs		
3.145. Where did the migrants go? (most recent case)				
3.146. Did you do it cope with/adapt to one of following problems? (check the following options, max. 3 for the most recent migrant)				
1 Unemployment	3 Salinisation	5 High input prices	7 Crop diseases	0 not risk related
2 Sickness/health	4 Flooding	6 Low output prices	8 Debt to reimburse	99 others
3.147.	Was it mainly related to... (for which of the options, if both past and future relation apply)	Experienced past problems	Expected future problems	
If no	3.148. Would you migrate/send child to HCMC to work in a factory if you would lose most of your harvest for the second year in a row and had the possibility to do so?	Yes	No	
3.149. What are the advantages of migrating to HCMC? (circle the options, enter three)				

most important ones and circle the most important)					
1 costs are low (<i>travel and living expenses</i>)		3 it is easy to migrate	5 it brings benefits in long run		
2 increase income for hh		4 it takes a short time	99 others		
3.150. What are the disadvantages of migrating to HCMC? (circle the options, enter three most important ones and circle the most important)					
1 costs are high		3 it is hard to migrate (<i>e.g. need networks</i>)	5 no benefits in the long run		
2 will not increase income for hh		4 it takes a long time	99 others		
<i>If n.r</i>	3.151.	Do you think it is a good or bad strategy?	Good	Bad	

3.152. Seek other alternative/additional jobs? (<i>normal if it happens every year in the same way and not risk related</i>)		Normal (<i>continue with 3.167</i>)	Yes	No (<i>continue with 3.164</i>)	
3.153. Which jobs? (for the most recent case)					
1 Construction		3 Farm worker	5 Open shop	7 Repair	
2 My Phong		4 Household	6 Handicraft	99 others	
3.154. When did you seek a new job (<i>year of the most recent case</i>)					
3.155. Did you do it cope with/adapt to one of following problems? (check the following options, max. 3 for the most recent case)					
1 Unemployment		3 Salinisation	5 High input prices	7 Crop diseases	0 not risk related
2 Sickness/health		4 Flooding	6 Low output prices	8 Debt to reimburse	99 others
3.156. Was it mainly related to... (<i>for which of the options, if both past and future relation apply</i>)		Experienced past problems		Expected future problems	
<i>If no</i>	3.157. Would you work for My Phong if you would lose most of your harvest for the second year in a row and had the possibility to do so?			Yes	No
3.158. What are the advantages of working in My Phong? (circle the options, enter three most important ones and circle the most important)					
1 costs are low (<i>travel, food, clothes</i>)		3 it is easy to get a job		5 it brings benefits in long run	
2 can increase hh income		4 it takes a short time to apply and get a job		99 others	
3.159. What are the disadvantages of working in My Phong? (circle the options, enter three most important ones and circle the most important)					
1 costs are high		3 it is hard to get a job		5 no benefits in the long run	
2 no increase in hh income		4 it takes a long time		99 others	
<i>If n.r</i>	3.160.	Do you think it is a good or bad strategy?	Good	Bad	

3.161. Did you work more in existing jobs? (<i>normal if it they work every year in a specific season more than in others, not risk related</i>)		Normal (<i>continue with 3.175</i>)	Yes (<i>don't answer 3.172</i>)	No (<i>continue with 3.172</i>)	
3.162. For which activity in particular? (<i>max. one</i>)					
1 Construction		3 Farm worker	5 Repair	99 others	
2 My Phong		4 own farm	6 Handicraft		
3.163. When did you do that? (<i>which year for the most recent case</i>)					
3.164. Did you do it cope with/adapt to one of following problems? (check the following options, max. 3)					
1 Unemployment		3 Salinisation	5 High input prices	7 Crop diseases	0 not risk related
2 Sickness/health		4 Flooding	6 Low output prices	8 debt to reimburse	99 others
3.165. Was it mainly related to... (<i>for which of the options, if both past and future relation apply</i>)		Experienced past problems		Expected future problems	
<i>If no</i>	3.166. Would you increase the scope of off-farm jobs if you had problems with your own production?			Yes	No
3.167. What are the advantages of increasing the scope of off-farm jobs? (enter three most important ones and circle the most important)					
1 costs are low		3 it is easy to implement		5 does not/positively affect environment	
				99 others	

2 can increase hh income 4 it takes a short time 6 it brings benefits in long run			
3.168. What are the disadvantages of increasing the scope of off-farm jobs? (enter three most important ones and circle the most important)			
1 costs are high 3 it is hard to implement 5 affects environment negatively 99 others			
2 no increase in hh income 4 it takes a long time 6 no benefits in the long run			
<i>If n.r</i>	3.169.	Do you think it is a good or bad strategy?	Good Bad

3.170. Upgrade/Elevate your house (only relevant for flood affected hh)		Not relevant (continue with 3.185)	Yes	No (continue with 3.185)
3.171. What did you do?				
3.172. When did you do it?				
3.173. Did you do it to better cope with following problems? (check the following options, max. 3 reasons)				
1 Unemployment 3 Salinisation 5 High input prices 7 Crop/shrimp diseases 0 not risk related				
2 Sickness/health 4 Flooding 6 Low output prices 8 Debt to reimburse 99 others				
3.174. Was it mainly related to... (for which of the options, if both past and future relation apply)		Experienced past problems	Expected future problems	
<i>If no</i>	3.175.	Would you elevate your house if flood levels would be thirty cm higher in three years in a row?	Yes	No
3.176. What are the advantages of it? (circle the options, enter three most important ones and circle the most important)				
1 costs are low 3 it is easy to implement 5 does not/positively affect environment 99 others				
2 can increase hh income 4 it takes a short time 6 it brings benefits in long run				
3.177. What are the disadvantages of it? (circle the options, enter three most important ones and circle the most important)				
1 costs are high 3 it is hard to implement 5 affects environment negatively 99 others				
2 no increase in hh income 4 it takes a long time 6 no benefits in the long run				
<i>If n.r</i>	3.178.	Do you think it is a good or bad strategy?	Good	Bad

3.179. Invest in livestock		Normal (continue with 3.194)	Yes	No (continue with 3.194)
3.180. In what kind of livestock did you invest (most recent case)?				
1 Cattle 3 Poultry 5 Saltwater aquaculture				
2 Pig 4 Freshwater aquaculture 99 others				
3.181. How many animals did you buy in the most recent case?				
3.182. When did you do it?				
3.183. Did you do it to better cope with following problems? (check the following options, max. 3 reasons)				
1 Unemployment 3 Salinisation 5 High input prices 7 Crop/shrimp diseases 0 not risk related				
2 Sickness/health 4 Flooding 6 Low output prices 8 Debt to reimburse 99 others				
3.184. Was it mainly related to... (for which of the options, if both past and future relation apply)		Experienced past problems	Expected future problems	
<i>If no</i>	3.185.	Would you make livestock farming to your main source of income if salinity/flooding destroyed your harvest more regularly?	Yes	No
3.186. What are the advantages of it? (circle the options, enter three most important ones and circle the most important)				
1 costs are low 3 it is easy to implement 5 does not/positively affect environment 99 others				
2 can increase hh income 4 it takes a short time 6 it brings benefits in long run				

3.187. What are the disadvantages of it? (circle the options, enter three most important ones and circle the most important)			
1 costs are high		3 it is hard to implement	
2 no increase in hh income		4 it takes a long time	
5 affects environment negatively		6 no benefits in the long run	
99 others			
<i>If n.r</i>	3.188.	Do you think it is a good or bad strategy?	Bad

3.189. Build a gate in your individual dyke/embankment		Not relevant <i>(continue with 3.185)</i>	Yes	No <i>(continue with 3.185)</i>
3.190. What kind of gate is it?				
3.191. What are the benefits of it?				
3.192. When did you do it?				
3.193. Did you do it to better cope with following problems? <i>(check the following options, max. 3 reasons)</i>				
1 Unemployment		3 Salinisation		5 High input prices
2 Sickness/health		4 Flooding		6 Low output prices
7 Crop/shrimp diseases		8 Debt to reimburse		99 others
0 not risk related				
3.194. Was it mainly related to... <i>(for which of the options, if both past and future relation apply)</i>		Experienced past problems		Expected future problems
<i>If no</i>	3.195.	Would you build a gate if flood levels would be thirty cm higher than normal in three years in a row?	Yes	No
3.196. What are the advantages of it? (circle the options, enter three most important ones and circle the most important)				
1 costs are low		3 it is easy to implement		5 does not/positively affect environment
2 can increase hh income		4 it takes a short time		6 it brings benefits in long run
99 others				
3.197. What are the disadvantages of it? (circle the options, enter three most important ones and circle the most important)				
1 costs are high		3 it is hard to implement		5 affects environment negatively
2 no increase in hh income		4 it takes a long time		6 no benefits in the long run
99 others				
<i>If n.r</i>	3.198.	Do you think it is a good or bad strategy?	Good	Bad

3.199. Other Strategy which was applied in 2011 in the context of tidal flooding?		Yes	No <i>(continue with 3.189)</i>
3.200. What did you do?			
3.201. When?			
3.202. Did you do it to better cope with following problems? <i>(check the following options, max. 3 reasons)</i>			
1 Unemployment		3 Salinisation	
2 Sickness/health		4 Flooding	
5 High input prices		6 Low output prices	
7 Crop/shrimp diseases		8 Debt to reimburse	
99 others		0 not risk related	
3.203. Was it mainly related to... <i>(for which of the options, if both past and future relation apply)</i>		Experienced past problems	
		Expected future problems	
3.204. What are the advantages of it? (circle the options, enter three most important ones and circle the most important)			
1 costs are low		3 it is easy to implement	
2 can increase hh income		4 it takes a short time	
5 does not/positively affect environment		6 it brings benefits in long run	
99 others			
3.205. What are the disadvantages of it? (circle the options, enter three most important ones and circle the most important)			
1 costs are high		3 it is hard to implement	
2 no increase in hh income		4 it takes a long time	
5 affects environment negatively		6 no benefits in the long run	
99 others			
Comments:			

3.206. Do you think it is a good or bad strategy?	Good	Bad

3.207. Other Strategy option which could be applied in the context of tidal flooding	Yes	No (<i>continue with 3.189</i>)
3.208. What would you do?		
Comments:		
3.209. Do you think it is a good or bad strategy?	Good	Bad

3.189 Which option would you prefer when salinity destroys the harvest?				
	1. Reproduce	2. Increase non-farm labour	3. Short-term migration	4. Take loan
1. Reproduce				
2. Increase non-farm labour (<i>e.g. construction</i>)				
3. Short-term migration				
4. Take loan				

3.150 Which option would be more adapted to changing salinity intrusion in the next 15 years?				
	1. Invest in ind. dyke/embankment	2. Long-term migration	3. Change production calendar	4. Change species/crop
1. Invest in ind. dyke/embankment				
2. Long-term migration				
3. Change production calendar				
4. Change species/crop				

3. Government Strategies

What did government do to improve the situation?				
4.1. Compensation 2011	Yes	No		
4.2. Did you receive compensation payments in 2011?	Yes	No		
4.3. Did you receive compensation payments before?	Yes	No		
4.4. For how many ha?				
4.5. How much did you get per ha?				
4.6. What did you do with the money? (<i>check max. 3 options</i>)				
1 Reproduce	3 Buy food	5 Education	99 others	
2 Buy inputs	4 Buy other goods	6 Change production		
interviewer forgot to ask - 66 interviewee refused to answer - 77 interviewee doesn't know - 88			Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'

4.7. Did your income from agriculture in the following seasons increase because of that?		0	1	2	3
4.8. Can you rely on getting compensation in case of production failure?		0	1	2	3
4.9. Were you consulted about the implementation of the strategy?		0	1	2	3
4.10. Was the implementation well informed (how, who, what)?		0	1	2	3
4.11. Is it a strategy where many people benefit from?		0	1	2	3
4.12. Did it go fast from decision to implementation?		0	1	2	3
4.13. Does it improve your situation in the long run?		0	1	2	3
4.14. In general, do you think it is a rather good or bad strategy?	Good			Bad	

4.15. Dredge inland canal (level 3 and 4)	Yes	No (<i>continue with 4.26</i>)			
4.16. When did they dredge the canal closest to your field the last time? (<i>year for the most recent case</i>)					
4.17. How far is your land from the next canal? (3 rd level) (4 th level)					
4.18. How did you benefit from it? (<i>check max. three options for the most recent case</i>)					
1 More fresh water 3 Reliable water supply 5 Decreased salinisation 99 others					
2 Better water quality 4 Lower costs fertilizer/chemicals 6 Lower risk of flood tide					
	interviewer forgot to ask – 66 interviewee refused to answer – 77 interviewee doesn't know – 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'		
4.19. Did your income increase because of that?		0	1	2	3
4.20. Can you rely on regular dredging of the canal?		0	1	2	3
4.21. Were you consulted about when, where, how to do it?		0	1	2	3
4.22. Is there good knowledge about when, where, how to do it?		0	1	2	3
4.23. Do many people benefit from dredging the canal?		0	1	2	3
4.24. Does it go fast to dredge the canal?		0	1	2	3
4.25. Does it improve your situation in the long run?		0	1	2	3
4.26. In general, do you think it is a rather good or bad strategy?	Good			Bad	

4.27. Provide loan for production (<i>only applies if it is a loan scheme financed by the government, not individual loans at banks where you get administrative support</i>)	Yes	No			
4.28. Did you get a loan?	Yes	No (<i>continue with 4.41</i>)			
4.29. How often did you get it in the last 10 years?					
4.30. When did you get it? (<i>year for the most recent one</i>)					
4.31. How much? (<i>in VND for the most recent one</i>)					
4.32. At what interest rate? (<i>in % per month for the most recent</i>)					
4.33. What did you do with the money?					
1 Reproduce 3 Buy seeds 5 Education 7 Buy food 99 others					
2 Buy fertilizer/chemicals 4 Change production 6 Buy consumption goods 8 livestock					
	interviewer forgot to ask - 66 interviewee refused to answer - 77 interviewee doesn't know - 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'		
4.34. Did your income from production increase because of that?		0	1	2	3
4.35. Can you rely on getting a loan when you fulfil some criteria?		0	1	2	3
4.36. Were you consulted about the loan program?		0	1	2	3
4.37. Was it planned competently and well-informed?		0	1	2	3
4.38. Do many people benefit from this loan program?		0	1	2	3
4.39. Does it go fast to acquire a loan?		0	1	2	3
4.40. Does it improve your situation in the long run?		0	1	2	3

4.41.	In general, do you think it is a rather good or bad strategy?	Good	Bad
4.42.	Financial support for building an individual dyke/embankment	Yes	No
4.43.	Did you get the support?	Yes	No (<i>continue with 4.53</i>)
4.44.	How often did you get the support in the last 10 years?		
4.45.	When did you get it? (<i>year for the most recent one</i>)		
4.46.	How much did you get? (<i>in VND for the most recent one</i>)		
	interviewer forgot to ask - 66 interviewee refused to answer - 77 interviewee doesn't know - 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'
4.47.	Did your income increase because of the new dyke/embankment?	0	1 2 3
4.48.	Can you rely on getting support when you fulfil the criteria?	0	1 2 3
4.49.	Were you consulted about the criteria and scope of support?	0	1 2 3
4.50.	Was it planned competently and well-informed?	0	1 2 3
4.51.	Do many people benefit from this program?	0	1 2 3
4.52.	Did it go fast until you actually got the money?	0	1 2 3
4.53.	Does it improve your situation in the long run?	0	1 2 3
4.54.	In general, do you think it is a rather good or bad strategy?	Good	Bad
4.55.	Provide agricultural /aquaculture training classes by government?	Yes	No
4.56.	Did you participate in training classes (<i>also IMPP</i>)?	Yes	No (<i>continue with 4.68</i>)
4.57.	In how many trainings did you participate in the last 5 years (<i>either IMPP or DARD</i>)?		
4.58.	What kind of training class was the last one in which you participated? (<i>most recent one</i>)		
	1 Product change 3 Fertilizer/chemicals usage 5 Marketing methods 7 medicine/feed usage 2 New production method 4 Existing method 6 Processing and Storage 99 others		
4.59.	Who offered the last training class? (<i>most recent class</i>)		
4.60.	When was this class offered? (<i>most recent class</i>)		
4.61.	What did you change because of the last training classes? (<i>check max three options</i>)		
	1 change product 3 change chemicals/fertilizer 5 change crop calendar 7 change processing and storage 2 change 4 change amount of feed and 6 change marketing 0 nothing 99 others seeds/variety medicine		
	interviewer forgot to ask – 66 interviewee refused to answer – 77 interviewee doesn't know – 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'
4.62.	Did your income increase because of the new knowledge?	0	1 2 3
4.63.	Can you rely on regular <i>participation</i> in training classes?	0	1 2 3
4.64.	Were you consulted about the class' content, time and beneficiaries?	0	1 2 3
4.65.	Was the class' content, time and beneficiaries planned competently and well-informed?	0	1 2 3
4.66.	Do many people benefit from the classes?	0	1 2 3
4.67.	Does the training take an appropriate amount of time?	0	1 2 3
4.68.	Does it improve your situation in the long run?	0	1 2 3
4.69.	In general, do you think it is a rather good or bad strategy?	Good	Bad
4.70.	Provide vocational training classes	Yes	No

4.71.	Did you participate?	Yes	No (continue with 4.183)			
4.72.	In how many trainings did you participate in the last 5 years					
4.73.	What kind of training class was the last one you participated in? (most recent one)					
1 Mechanics 2 Handicrafts	3 Sewing 4 Business	99 others				
4.74.	Who offered the training class? (most recent class)					
4.75.	When was this class offered? (most recent class)					
4.76.	What did you change after participating in the last class? (max. 3 options)					
1 open own business 2 be employee	3 long-term migration 4 short-term migration	5 for private purposes 99 others				
		interviewer forgot to ask – 66 interviewee refused to answer – 77 interviewee doesn't know – 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'		
4.77.	Did your income increase because of the new knowledge?	0	1	2	3	
4.78.	Can you rely on regular participation in training classes?	0	1	2	3	
4.79.	Were you consulted about the class' content, time and beneficiaries?	0	1	2	3	
4.80.	Was the class' content, time and beneficiaries planned competently and well-informed?	0	1	2	3	
4.81.	Do many people benefit from the classes?	0	1	2	3	
4.82.	Does the training take an appropriate amount of time?	0	1	2	3	
4.83.	Does it improve your situation in the long run?	0	1	2	3	
4.84.	In general, do you think it is a rather good or bad strategy?	Good		Bad		

4.85.	Support the formation/standing of a cooperative	Yes	No			
4.86.	Are you part of a cooperative?	Yes	No (continue with 4.95)			
4.87.	Was it the formation or support for a cooperative?	Formation	Support			
4.88.	What kind of cooperative was supported/ initiated?					
1 Production 2 Marketing	3 Processing 4 Supply	99 others				
		interviewer forgot to ask – 66 interviewee refused to answer – 77 interviewee doesn't know – 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'		
4.89.	Did your income increase because of that?	0	1	2	3	
4.90.	Can you rely on continuous support for the cooperative?	0	1	2	3	
4.91.	Were you consulted on the kind of cooperative and support?	0	1	2	3	
4.92.	Was support planned competently and well-informed?	0	1	2	3	
4.93.	Do many people benefit from the support for it?	0	1	2	3	
4.94.	Did it go fast until support was given and cooperative formed/ benefited?	0	1	2	3	
4.95.	Does it improve your situation in the long run?	0	1	2	3	
4.96.	In general, do you think it is a rather good or bad strategy?	Good		Bad		

4.97.	Propagandise a change in crop/production calendar	Yes	No			
4.98.	Did you change your crop/production calendar because of that?	Yes	No (continue with 4.106)			
4.99.	When did you change it? (season of which year)					
4.100.	What did you change?					
		interviewer forgot to ask - 66	Missing	0='not at all'; 1=a bit;		

	interviewee refused to answer - 77 interviewee doesn't know - 88	value	2=moderately; 3='very much'			
4.101.	Did your income increase because of that?		0	1	2	3
4.102.	Can you rely on the regular distribution of such information?		0	1	2	3
4.103.	Were you consulted about how to change it?		0	1	2	3
4.104.	Was the given advice competent and well-informed?		0	1	2	3
4.105.	Do many people benefit from the information?		0	1	2	3
4.106.	Did it go fast until you could change it?		0	1	2	3
4.107.	Does it improve your situation in the long run?		0	1	2	3
4.108.	In general, do you think it is a rather good or bad strategy?	Good	Bad			

4.109.	Propagandise a change in crop/species	Yes	No			
4.110.	Did you change your crop/species because of that?	Yes	No (<i>continue with 4.118</i>)			
4.111.	What was propagandised?					
4.112.	What did you change?					
4.113.	When did you change it? (<i>season of which year</i>)					
	interviewer forgot to ask - 66 interviewee refused to answer - 77 interviewee doesn't know - 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'			
4.114.	Did your income increase because of that?		0	1	2	3
4.115.	Can you rely on the regular distribution of such information?		0	1	2	3
4.116.	Were you consulted about how to change it?		0	1	2	3
4.117.	Was the given advice competent and well-informed?		0	1	2	3
4.118.	Do many people benefit from the information?		0	1	2	3
4.119.	Did it go fast until you can change it?		0	1	2	3
4.120.	Does it improve your situation in the long run?		0	1	2	3
4.121.	In general, do you think it is a rather good or bad strategy?	Good	Bad			

4.122.	Early warning about tidal flooding	Yes	No			
4.123.	Did you receive early warning about tidal flooding?	Yes	No (<i>continue with 4.128</i>)			
4.124.	How?					
	interviewer forgot to ask - 66 interviewee refused to answer - 77 interviewee doesn't know - 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'			
4.125.	Did your income increase because of that?		0	1	2	3
4.126.	Can you rely on the regular distribution of such information?		0	1	2	3
4.127.	Were you consulted about how to inform people about what?		0	1	2	3
4.128.	Was the given advice well-informed?		0	1	2	3
4.129.	Do many people benefit from the information?		0	1	2	3
4.130.	Did you receive the information early enough?		0	1	2	3
4.131.	Does it improve your situation in the long run?		0	1	2	3
4.132.	In general, do you think it is a rather good or bad strategy?	Good	Bad			

4.133.	Support for building a house for poor people	Yes	No			
4.134.	Did you get the support?	Yes	No (<i>continue with 4.139</i>)			
4.135.	When did you get the support? (<i>which year</i>)					

	interviewer forgot to ask - 66 interviewee refused to answer - 77 interviewee doesn't know - 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'			
4.136.	Did your productive income increase because of that?		0	1	2	3
4.137.	Can you rely on getting the support when fulfilling criteria?		0	1	2	3
4.138.	Were you consulted about how to design the program?		0	1	2	3
4.139.	Was the program design competent and well-informed?		0	1	2	3
4.140.	Do many people benefit from the program?		0	1	2	3
4.141.	Did it go fast until you had the money?		0	1	2	3
4.142.	Does it improve your situation in the long run?		0	1	2	3
4.143.	In general, do you think it is a rather good or bad strategy?	Good	Bad			

4.144.	Build a dyke	Yes	No			
4.145.	Which dyke was it (name or location)?					
4.146.	When was it built? (which year)					
4.147.	Does the dyke go through your field?	Yes	No			
4.148.	Did you benefit from it?	Yes	No (continue with 4.153)			
4.149.	How did you benefit from it?					
	1 More fresh water 3 reliable water supply 5 Decreased salinisation 7 improved transport 2 Better water quality 4 lower input costs 6 lower risk of flood tide 99 others					
	interviewer forgot to ask - 66 interviewee refused to answer - 77 interviewee doesn't know - 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'			
4.150.	Did your productive income increase because of that?		0	1	2	3
4.151.	Can you rely on the actual building of a promised dyke?		0	1	2	3
4.152.	Were you consulted about whether, where and how to build the dyke?		0	1	2	3
4.153.	Was the dyke planned in a competent and well-informed way?		0	1	2	3
4.154.	Do many people benefit from the dyke?		0	1	2	3
4.155.	Did it go fast from planning to the built dyke?		0	1	2	3
4.156.	Does it improve your situation in the long run?		0	1	2	3
4.157.	In general, do you think it is a rather good or bad strategy?	Good	Bad			

4.158.	Upgrade the dyke	Yes	No			
4.159.	Did you benefit from it?	Yes	No (continue with 4.165)			
4.160.	How did you benefit from it?					
	1 More fresh water 3 reliable water supply 5 decreased salinisation 7 improved transport 2 Better water quality 4 lower input costs 6 lower risk of flood tide 99 others					
4.161.	When was it upgraded? (which year)					
	interviewer forgot to ask - 66 interviewee refused to answer - 77 interviewee doesn't know - 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'			
4.162.	Did your productive income increase because of that?		0	1	2	3
4.163.	Can you rely on an upgrading when necessary?		0	1	2	3
4.164.	Were you consulted about whether and how to upgrade it?		0	1	2	3
4.165.	Was the dyke upgrading planned in a competent and well-informed way?		0	1	2	3
4.166.	Do many people benefit from the upgrading?		0	1	2	3
4.167.	Did it go fast from arising need to the upgrading?		0	1	2	3
4.168.	Does it improve your situation in the long run?		0	1	2	3

4.169.	In general, do you think it is a rather good or bad strategy?	Good	Bad
4.170.	Operation of the sluice gate by PC/DARD Tra Cu	Yes	No (<i>continue with 4.183</i>)
4.171.	Did you benefit from it?	Yes	No
4.172.	How did you benefit from it?		
4.173.	What negative consequences did it have for you?		
4.174.	Who is responsible for the operation of the gate		
	interviewer forgot to ask - 66 interviewee refused to answer - 77 interviewee doesn't know - 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'
4.175.	Did your income increase because of that?	0	1 2 3
4.176.	Can you rely on a proper operation of the gate?	0	1 2 3
4.177.	Were you consulted about how to operate the gate?	0	1 2 3
4.178.	Was the operation competent and well-informed?	0	1 2 3
4.179.	Do many people benefit from it?	0	1 2 3
4.180.	Did it go fast to decide on how to operate it?	0	1 2 3
4.181.	Does it improve your situation in the long run?	0	1 2 3
4.182.	In general, do you think it is a rather good or bad strategy?	Good	Bad

4.183.	Other strategy in the context of tidal flooding	Yes	No (<i>continue with 4.181</i>)
4.184.	Which other strategy		
4.185.	Did you benefit from it?	Yes	No
4.186.	When? (<i>which year</i>)		
Comments:			
	interviewer forgot to ask - 66 interviewee refused to answer - 77 interviewee doesn't know - 88	Missing value	0='not at all'; 1=a bit; 2=moderately; 3='very much'
4.187.	Did your income increase because of that?	0	1 2 3
4.188.	Can you rely on the strategy?	0	1 2 3
4.189.	Were you consulted about its design?	0	1 2 3
4.190.	Was the planning competent and well-informed?	0	1 2 3
4.191.	Do many people benefit from it?	0	1 2 3
4.192.	Did it go fast?	0	1 2 3
4.193.	Does it improve your situation in the long run?	0	1 2 3
4.194.	In general, do you think it is a rather good or bad strategy?	Good	Bad

4.195.	Other strategy you would chose in the context of tidal flooding	Yes	No (<i>continue with 4.189</i>)
4.196.	Which other strategy		
4.197.	Did you benefit from it?	Yes	No
4.198.	When? (<i>which year</i>)		
Comments:			

		interviewer forgot to ask - 66 interviewee refused to answer - 77 interviewee doesn't know - 88	Missing value	0='not at all'; 1='a bit'; 2='moderately'; 3='very much'		
4.199.	Would your income increase because of that?		0	1	2	3
4.200.	Would it improve your situation in the long run?		0	1	2	3
4.201.	In general, do you think it is a rather good or bad strategy?	Good	Bad			

4. 189 Which option would you prefer in order to be better adapted to tidal flooding in future if you had the choice?					
	1 Agricult. /aquaculture training	2 Vocational training	3 Loan for production	4 Upgrade the dyke	5 Operation of sluice gate
1 Agricultural /aquaculture training					
2 Vocational training					
3 Loan for production					
4 Upgrade the dyke					
5 Operation of sluice gates					

THANK YOU VERY MUCH FOR YOUR COOPERATION!

Signature Interviewer

Signature Interviewee
(to confirm the participation at the interview and the receiving of 80 000 VND)

Additional comments and impression

(to be filled in by interviewer)

General	Time (<i>end of interview</i>)					
	PC officer present		Yes	No	Parts of the interview	
Interviewee:	Key informant		Yes	No		
		Production				
		Migration				
		Institutions				
		Training				
		other				
	Impression about the interviewee					
Interview situation	General Atmosphere					
	Problems					
	Other comments					
Questionnaire						
	<i>Topic:</i>		<i>Comment/Problem</i>			