S3 Table. Villagers interview matrix.

Social representations of vulnerability to water contaminations during floods and coping strategies.

Luang Prabang District, Laos.

Main objectives of the interview grid:
- ➢ Evaluate and create a hierarchy of perceived environmental risks inside the village and in the fields
- ➢ Collect qualitative information to determine how villagers feel vulnerable to the risk of water related disease, and which coping strategies adopted.

Themes/ Objectives	Questions
Occupation of the respondent Objectives : 1) Evaluate the socio-economic level of the interviewee 2) Evaluate his he/she has a position in the village	- How old are you? - How many children do you have? Do they still live in your house ? Do they work? - How long have you been living in the village for? Are you a newcomer? Why did you move here ? - Can you go easlely in Luang Prabang or in other villages ? In which villages do you go, and why? (family, work...). Which way of transport do you use ? - Do you stand for a special position in the village ? If yes, why do you have this position? (age, wealth, gender, job...)

Water uses and practices inside and outside the village
 	
Objectives:
1) Get indications on the possible moments and places of exposition to contaminations
2) Contextualize the feelings of vulnerability according to spatial criterion
	- **In the village**
	
	- Where are the important places in the village ?
	- Are all the water good to drink here?
	- What kind of water do you use, in the rainy season / In the dry season?
	   o *To drink*
	   o To *cook*
	   o *To wash (dishes, clothes…)*
	   o *To take a shower*
	   o *For your animals*
	- Do you have water in your house (= nam lin) ? Since when ?
	   o Is it expensive ?
	   o Is it working well ?
	- Is there a place where it is more dangerous to get sick because of water ?
	- Do you go to the river sometimes ? What for? Is there somewhere where it's polluted ? How do you know it's polluted ?
	
	- **In the Fields**
	
	- What do you grow? why ? (subsistance/cash crops)
	- Do you think that your surrounding environment has changed in the last years? Why ? Advantages ? Inconvenients ?
	- Who comes and work with you when you are in the fieds ?
	- What kind of difficulties do you face in your daily work?
	- Are there any special risks regarding your farming activity? If yes,

	how do you cope with it?
	- In the fields, what king of water do you use?
	    o For irrigation/Animals
	    o For Cooking
	    o For Drinking
	- How do you make a difference between which water is good to drink and which is not ?

Water as an environmental risk Objectives : 1) Evaluate the capacity of anticipation of risks: shortages or floods 2) Evaluate the feeling of vulnerability towards floods	- Is there water all year long? - What do you do if there is a shortage? (cooking? Washing? Shower? Animals?) - How do you protect yourself and your family? - Are there floods sometimes? - What do you do if there is a shortage? (cooking? Washing? Shower? Animals?) - How do you protect yourself and your family? - How big is the river when it's « normal » ? When it's dry ? Flooded ? - What is the impact of floods on your fields ?

Water contaminations and health risks
 	
Objectives:
1) Understand how water related diseases are perceived
2) Evaluate what are the health practices used to protect from important diseases
	- Are the people in your family often sick ?
	- How did you get cured ? (traditional healer, pharmacy, hospital?)
	    o Is it expensive? Are you sometimes reluctant to go there because of money ?
	    o Where can you buy medicines ?
	    o in the village?
	    o In the market?
	    o In Luang Prabang?
	- Do you always go buy your medicine at the same place? Why?
	
	- Why are you getting sick ? (mosquitoes, water, air, meat…)
	- When are those diseases dangerous ?
	- How can you protect yourself ?
	- If someone is getting sick in the village, who can take care of him/her ?
	- Is it easy to find people to help you in the village?
	- Are you sometimes sick because of water?
	    o Which water? (cooking, cleaning, shower, drinking)…
	    o Where? (house/village/fields…)
	    o Which ^period of year?
	
	- How can you protect yourself in order not to be sick because of water?
	    o What can you do when you are sick?