

Supplementary File 1: Topic Guide for Key Informant Interview

Interviewee Code: _____ Occupation: _____
Age: _____ Sex: _____
Interviewer: _____ Date: _____
Time Started: _____ Time Ended: _____

I. Warm –Up and Explanation

- ✚ Introduction
- ✚ Explain purpose of interview
- ✚ Explain procedure, ask permission for use of tape recorder
- ✚ Assure informant of confidentiality
- ✚ Informed consent

II. Top of the Mind Association

What comes to your mind when the word Drowning Prevention?
(Probe: when only one term is given ask for clarification/elaboration)

III. In-depth Interview

Using open-ended questions, ask the informant about the following:

- Perceptions regarding drowning – severity, causes, prevention and control measures
- Knowledge on Risk factors for drowning
- Capability of health system to address drowning and / or manage a drowning victim
- Existing initiatives related to drowning
- Available resources for drowning initiatives
- City / Municipality or barangay policies / ordinances on drowning

IV. Closing

Check field notes for any clarification needed
Check topic guide for any question missed
Thank informant for time spent and for participation.

Supplementary File 2: Topic Guide for Focus Group Participants

Participant Code Number	Age	Sex	Occupation

Interviewer: _____

Date: _____

Time Started: _____

Time Ended: _____

I. Warm –Up and Explanation

- ✚ Introduction
- ✚ Explain purpose of focus group discussion
- ✚ Explain procedure, ask permission for use of tape recorder
- ✚ Assure informant of confidentiality
- ✚ Informed consent

II. Top of the Mind Association

What comes to your mind when the word Drowning Prevention?

(Probe: when only one term is given ask for clarification/elaboration)

III. In-depth Discussion

Using open-ended questions, ask the participants about the following:

- Perceptions regarding drowning – severity, causes, prevention and control measures
- Knowledge on Risk factors for drowning
- Capability of health system to address drowning and / or manage a drowning victim
- Existing initiatives related to drowning
- Available resources for drowning initiatives
- City / Municipality or barangay policies / ordinances on drowning

IV. Closing

Check field notes for any clarification needed

Check topic guide for any question missed

Thank participants for time spent and for participation.

Supplementary File 3: Household Observation Audit Tool

For each household included in the survey, ask permission to observe the following features. Put a cross mark (x) for the observation.

Household	Item to Observe	Observation		Remarks
1. Swimming pool, if present	a. Access Barrier (e.g. fence, cover)	Yes	1	1-In working Order 2-Not in working order
		No	2	
	b. Children supervision	With	1	
		Without	2	
	c. Flotation device	With	1	
		Without	2	
2. Well	a. Access Barrier (e.g. cover)	Yes	1	1-In working Order 2-Not in working order
		No	2	
	b. Children supervision	With	1	
		Without	2	
3. Manhole	a. Access Barrier (e.g. cover)	Yes	1	1-In working Order 2-Not in working order
		No	2	
	b. Children supervision	With	1	
		Without	2	
	c. Flotation device	With	1	
		Without	2	

Supplementary File 4: Community Observation Audit Tool

For the community, please observe for the following and mark (x) the result of your observation.

Community Setting	Item to Observe	Observation		Remarks
1. Swimming pool, if present	a. Visible warning signs (e.g. depth level marks, drinking liquor not allowed)	Yes	1	
		No	2	
	b. Safety tips posted (e.g. wear flotation device, water safety instructions)	Yes	1	
		No	2	
	c1. Presence of life guards	Yes	1	
		No	2	
	c2. Number of lifeguards present	Record number		
	c3. Did all lifeguards remain on site during the observation	Yes	1	
		No	2	
	d1. Barrier/fence enclosure present	Yes	1	
		No	2	
	d2. If yes, was the lock/latch in working order	Yes	1	
No		2		
2. Resort, if allowed by owner	a. Visible warning signs (e.g. depth level marks, drinking liquor not allowed)	Yes	1	
		No	2	
	b. Safety tips posted (e.g. wear flotation device, water safety instructions)	Yes	1	
		No	2	
	c1. Presence of life guards	Yes	1	
		No	2	
	c2. Number of lifeguards present	Record number		
		Yes	1	

	c3. Did all lifeguards remain on site during the observation	No	2	
	d1. Barrier/fence enclosure present	Yes	1	
		No	2	
	d2. If yes, was the lock/latch in working order	Yes	1	
		No	2	
3. Rivers, lakes, ponds, streams, creeks	a. Visible warning signs (e.g. Danger: Creek)	Yes	1	
		No	2	
	b. Safety tips posted (e.g. water safety instructions)	Yes	1	
		No	2	
	c1. Barrier/fence enclosure present	Yes	1	
		No	2	
	c2. If yes, was the lock/latch in working order	Yes	1	
		No	2	
4. Community water source (if present) (e.g. community well)	Covered	Yes	1	
		No	2	
5. Sewage system (if present) (e.g. esteros/canals)	Covered	Yes	1	
		No	2	
6. Other bodies of water, specify:	a. Visible warning signs (e.g. depth level marks, drinking liquor not allowed)	Yes	1	
		No	2	
	b. Safety tips posted (e.g. wear flotation device, water safety instructions)	Yes	1	
		No	2	

	c1. Presence of life guards	Yes	1	
		No	2	
	c2. Number of lifeguards present	Record number		
	c3. Did all lifeguards remain on site during the observation	Yes	1	
		No	2	
	d1. Barrier/fence enclosure present	Yes	1	
		No	2	
	d2. If yes, was the lock/latch in working order	Yes	1	
No		2		
Other observations;	Notes:			

Supplementary File 5: Survey InstrumentSerial No:

WE WOULD BE GRATEFUL IF THE FOLLOWING QUESTIONS CAN BE ANSWERED ACCURATELY AND COMPLETELY.

Part 1. Screening for Respondent's Qualification:

No.	Question	Answer	
		Yes	No
Q1	Is the respondent aged 21 y/o or above?		
Q2	Is the respondent a parent (a mother or a father) or a guardian?		
Q3	Have you lived/resided in this area for at least one year?		

If the answers to all three screening questions (Q1 to Q3) are YES, proceed to part 2, Survey Proper

If answer is NO to any of the three screening questions, stop the interview and proceed to the next household

Part 2: Survey Proper

A. Personal and Household Survey			
No.	Question	Answer	
A1	Age		
A2	Sex	Male	1
		Female	2
A3	Highest educational level completed	None	1
		Elementary	2
		High school	3
		Vocational	4
		College	5
		Post graduate	6
A4	Occupation	Government employee	1
		Non-government employee	2
		Self-employed	3
		Student	5

		Homemaker	6
		Retired	7
		Others	
A5	Home ownership	Owned	1
		Rented	2
		Shared with extended family	3
		Not owned or rented	4
A6	Household income (Combined estimate)	>7,890 Php per month (Very low income)	1
		7,890 Php - 15,780 Php per month (Low income)	2
		15,780 Php - 31,560 Php per month (Lower middle)	3
		31,560 Php - 78,900 Php per month (Middle class)	4
		78,900 Php - 118,350 Php per month (Upper middle)	5
		118,350 Php - 157,800 Php per month (Upper income)	6
		At least 157,800 Php (Rich)	7

B. Household Drowning Experience

No.	Question	Answer	
B1	Have you had fatal drowning incident/s in your household in the last 12 months?	Yes	1
		No	2
B2	Have you had fatal-drowning incident/s in your household in the last 12 months?	Yes	1
		No	2
B3	Have you ever had non-fatal drowning incident/s in your household?	Yes	1
		No	2
B4	Have you ever had non-fatal drowning incident/s in your household?	Yes	1
		No	2

If the answers to all four questions (B1 to B4 are NO, Skip to C1

	B5. When did it happen	B6. How old was the person	B7. What was the person's sex	B8. What is/are the person's relationship to you?	B9. Does the person know how to swim?	
Person 1 Code					Yes	1
					No	2
Person 2 Code					Yes	1
					No	2
Person 3 Code					Yes	1
					No	2

For each person in B1 and/or B2, answer the following questions								
	B10. What was the main activity at the time of incident?		B11. What was the incident's consequence to the person?		B12. Please describe the rescue efforts given to the person (Multiple response allowed)		B13. Was the incident reported to a health facility?	
Person 1 Code	Swimming	1	None	1	None	1	Yes	1
	Traveling	2	Death	2	CPR	2	No	2
	Occupation	3	Loss of consciousness	3	Brought to health facility	3		
	Others, specify		Others, specify		Others, specify			
Person 2 Code	Swimming	1	None	1	None	1	Yes	1
	Traveling	2	Death	2	CPR	2	No	2
	Occupation	3	Loss of consciousness	3	Brought to health facility	3		
	Others, specify		Others, specify		Others, specify			
Person 3	Swimming	1	None	1	None	1	Yes	1

Code								
	Traveling	2	Death	2	CPR	2	No	2
	Occupation	3	Loss of consciousness	3	Brought to health facility	3		
	Others, specify		Others, specify		Others, specify			

C. Practices			
No.	Question	Answer	
C1	Are there children ages 1 to 2 years old in your household?	Yes (Answer C2)	1
		No (Skip to C3)	2
C2	Who supervises the child/children in C1 during day time?	Adult	1
		Below 18 years old	2
		No one	3
C3	Are there children ages 3 to 6 years old in your household?	Yes (Answer C4)	1
		No (Skip to C6)	2
C4	Are they left in a Day Care Center?	Yes (Skip to C6)	1
		No (Answer C5)	2
C5	Who supervises the child/children in C3 during day time?	Adult	1
		Below 18 years old	2
		No one	3

If the answer to C1 and/or C3 is YES, answer questions C6 to C10

If the answer to C1 and/or C3 is NO, Skip to C11

No.	Questions	Answer	
C6	Has/Have the child/children (1-6 years old) in your household ever gone swimming in the river, irrigation canal, open ditch, well, lake, sea, or any deep body of water?	Yes	1
		No	2
C7	Is/Are the child/children (1-6 years old) supervised when they go swimming in any body of water specified above?	Never	1
		Sometimes	2
		Often	3
		Always	4
C8	Does/Do the child/children (1-6 years old) wear flotation device when they go swimming in any body of water specified above?	Never	1

		Sometimes	2
		Often	3
		Always	4
C9	Has/have the child/children (1-6 years old) in your household ever played near the body of water?	Yes	1
		No	2
C10	Is/Are the child/children (1-6 years old) supervised when they play near in any body of water specified above?	Never	1
		Sometimes	2
		Often	3
		Always	4

No.	Question	Answer	
C11	Did you notice any of the following in the areas surrounding the sea, river, lake or any body of water near your house?	Yes	No
	a. Life guards	1	2
	b. Signages	1	2
	c. Barrier / Fences	1	2
	d. Buoys	1	2
C12	If with fence/gate, how tall is the fence/gate?	_____	feet

No.	Question	Answer	
C13	Do you own a well?	Yes	1
		No	2
C14	Is there a well in your neighbourhood?	Yes	1
		No	2
C15	Is the well covered or fenced?	Yes	1
		No	2

C16	Does/Do the child/children (1-6 years old) in your neighbourhood go/play near an open well?	Yes	1
		No (Skip to C17)	2
C17	Is/ Are the child/children (1-6 years old) supervised when they go/play near the open well?	Never	1
		Sometimes	2
		Often	3
		Always	4

No.	Question	Answer	
C18	Is/Are there child/children (1-6 years old) in your household who can go to the toilet without adult supervision?	Yes	1
		No	2
C19	Does your toilet have water kept in big containers (e.g. Drums, Orocan, etc.)?	Yes	1
		No	2
C20	Is/Are the water container/s covered	Yes	1
		No	2

No.	Question	Answer	
C21	Have you ever ridden a water vehicle?	Yes	1
		No	2
C22	What type of water vehicle have you ridden?	Rowing boat	1
		Pump boat	2
		Speed boat	3
		Ferry	4
		Ship	5
		Jet ski	6

		Others, specify	
C23	Do you wear floatation device while riding the water vehicle?	Never	1
		Sometimes	2
		Often	3
		Always	4
C24	Have you ever ridden a water vehicle with a child/children (1-6 years old)?	Yes	1
		No	2
C25	What type of water vehicle have you ridden with a child/children (1-6 years old)?	Rowing boat	1
		Pump boat	2
		Speed boat	3
		Ferry	4
		Ship	5
		Jetski	6
		Others, specify	
C26	Do you let the child/children (1-6 years old) with you wear floatation device while riding the water vehicle?	Never	1
		Sometimes	2
		Often	3
		Always	4
C27	Have you participated in any program or activity on drowning prevention?	Yes	1
		No	2

No.	Question	Answer	
C28	Do you know how to perform CPR?	Yes	1
		No	2

C29	Are you certified to perform CPR?	Yes	1
		No	2

No.	Question	Answer	
C30	Do you have a child/children (18yo and below) in your household who know(s) how to swim? (If none, skip to C33)	Yes	1
		No	2

For each child in C30, please answer the following questions:			
	C31. Who taught the child/children how to swim?		C32. At what age did the child/children begin swimming lessons
Child 1	Swimming instructor	1	
	Parents	2	
	Others, specify	3	
Child 2	Swimming instructor	1	
	Parents	2	
	Others, specify	3	
Child 3	Swimming instructor	1	
	Parents	2	
	Others, specify	3	

No.	Question	Answer	
C33	Do you know how to swim?	Yes	1
		No	2
C33a	If yes, Could you swim 25m continuously?	Yes	1
		No	2

No.	Question	Answer	
C34	Do you have access to information on drowning and drowning prevention?	Yes	1
		No	2

C35	Where do you usually get this information on drowning and drowning prevention? (Multiple response) (May give more than one answer)	Internet	1
		Relatives	2
		Friends	3
		Newspaper	4
		Radio	5
		TV	6
		Posters	7
		Books	8
		Pamphlet	9
		Leaflet	10
		Sticker	11
		Hotline number, specify	12
		Government agency, specify	13
		NGO, specify	14
		Others, specify	15

D. Attitudes					
No.	Question	Answer			
	For each statement, please say whether you Strongly disagree, disagree, agree or strongly agree	Strongly disagree	Disagree	Agree	Strongly agree
D1	I will let my child attend swimming lesson				
D2	Parents, relatives or caregivers should watch over their children at all times when they go swimming				
D3	Parents, relatives or caregivers should watch over their children at all times when they play near bodies of water				

D4	Children may be allowed to go swimming without adult supervision if they know how to swim				
D5	I like wearing floatation device when riding a water vehicle				
D6	I like wearing a floatation device when swimming				
D7	Adults should wear floatation device when riding water vehicles				
D8	Adults should wear floatation device when swimming				
D9	Children should wear floatation device when riding water vehicles				
D10	Children should wear floatation device when swimming				
D11	Ferry boats should always have floatation devices available for all the crew				
D12	Ferry boats should always have floatation devices available for all the passengers				
D13	Motorized bancas should always have floatation devices available for all the crew				
D14	Motorized bancas should always have floatation devices available for all the passengers				
D15	I am willing to discuss ways to prevent drowning with my household members				
D16	I am willing to attend a lecture on drowning prevention				
D17	I would love to read a material on drowning prevention				
D18	There should be a TV commercial on drowning prevention				
D19	There should be a radio commercial on drowning prevention				

D20	I will join a drowning prevention support group in the community				
D21	Parents should buy floatation device for their children				
D22	Drowning or non fatal drowning incidents should be reported to a health facility				
D23	CPR training is important.				

E. Knowledge

No.	Question	Answer	
Please state whether each item is true or false		True	False
E1	Drowning can be prevented	1	2
E2	Adult supervision is the only way to prevent drowning among children	1	2
E3	Only people who go for a swim drown	1	2
E4	A child can drown in	Yes	No
	a. Swimming pools	1	2
	b. Sea or ocean	1	2
	c. River	1	2
	d. Canals or ditches	1	2
	e. Creeks	1	2
	f. Well	1	2
	g. Pails	1	2
	h. Bath tubs	1	2
	i. Barrels or drums	1	2
	j. Septic tank	1	2

F. Awareness			
No.	Question	Answer	
F1	Do you know a treatment facility for child victims of water immersion?	Yes	1
		No (Skip to F7)	2
F2	Name this/these treatment facility/ies	Government, specify	1
		Private, specify	2
		NGO, specify	3
		Others, specify	4
F3	Are you aware of any drowning prevention programs and activities in your barangay?	Yes	1
		No	2
F4	If Yes, What is the title of drowning prevention program/activity		
F5	Are you aware of any national policies related to drowning prevention?	Yes	1
		No	2
F5	If Yes, What is the title of drowning prevention policy		
F6	Are you aware of local ordinance related to drowning prevention?	Yes	1
		No, end of interview	2
F7	If Yes, What is the title of local ordinance related to drowning prevention?		

END OF INTERVIEW. THANK YOU VERY MUCH FOR YOUR COOPERATION.