

APPENDIX 1

Location :
 Date :
 Interviewer :
 Address /Lot No :

A. GENERAL BACKGROUND (LATAR BELAKANG)

1. Name of respondent (*Nama responden*) :
2. Race (*Bangsa*):.....
3. Age (*Umur*):.....
4. How long have you lived in this village ? (specify)
Sudah berapa lama anda tinggal di sini?(nyatakan)
5. How many people live in your household ?
Berapakah orang ahli keluarga anda?.....
6. Which category best reflects your education level ?
 Peringkat pendidikan

a. primary (<i>s.ren</i>) <input type="checkbox"/>	b. secondary-lower (<i>men.ren</i>) <input type="checkbox"/>	e. upper (<i>men.atas</i>) <input type="checkbox"/>
c. college (<i>kolej</i>) <input type="checkbox"/>	d. university (<i>universiti</i>) <input type="checkbox"/>	f. no formal education (<i>tidak berpendidikan formal</i>) <input type="checkbox"/>
7. What is your present occupation?
Apakah pekerjaan anda?
 Farmer (*pekebun*) Fisherman(*nelayan*) Others (*lain₂*)
8. What is your monthly income level of your family?
Berapakah pendapatan anda?
 a. less than RM500 (< *dpd* RM500) b. more than RM1000 (> *dpd* RM1000)
 c. RM500-RM1000 d. no income (*tidak berpendapatan*)

B. LANDHOLDINGS (MAKLUMAT TANAH)

1. Types of land held (*Jenis hakmilik*)

a. owned land (<i>milik sendiri</i>)	<input type="checkbox"/>
b. rented land (<i>sewa</i>)	<input type="checkbox"/>
c. leased land (<i>TOL</i>)	<input type="checkbox"/>
d. other (<i>lain₂</i>) (specify/ <i>nyatakan</i>)	<input type="checkbox"/>

C. OCCUPATION (PEKERJAAN)

FARMERS (PEKEBUN)

1. What is your main crop grown (*Apakah tanaman utama anda?*)

a. coconut (<i>kelapa</i>) <input type="checkbox"/>	b. cocoa (<i>koko</i>) <input type="checkbox"/>
c. oil palm (<i>kelapa sawit</i>) <input type="checkbox"/>	d. others (specify) (<i>lain₂</i>) <i>nyatakan</i>

2. What are the main problems of a farmer? (*Apakah masalah utama pekebun?*)
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FISHERMEN (NELAYAN)

1. Compare with 5 years ago are you (*Berbanding 5 tahun yang lalu adakah anda*)

- a. catching more fish (*menangkap lebih banyak ikan*)
 b. catching less fish (*menangkap kurang ikan*)
 c. about the same (*lebih kurang sama*)
 d. don't know (*idak tahu*)

D. COASTAL PROBLEMS

COASTAL FLOODING (MASALAH BANJIR AIR MASIN)

Is coastal flooding a problem in this mukim? <i>Adakah banjir air masin masalah mukim ini?</i>	Present (Kini)			Past (Dulu)		
	Yes	No	Don't know	Yes	No	Don't know
Severity <i>Tahap keseriusan</i>	Very serious <i>(sangat serius)</i>	Serious <i>(serius)</i>	Not serious <i>(tidak serius)</i>	Very serious <i>(sangat serius)</i>	Serious <i>(serius)</i>	Not serious <i>(tidak serius)</i>

2. When is flooding normally take place? (*Bila masalah banjir biasa berlaku?*).....

3. In a general year, does flooding cause damages? Yes No
Pada kebiasaannya, adakah banjir menyebabkan kerosakan?

-If 'yes' describe the damages (*Jika 'ya' jelaskan kerosakan tersebut*)

.....

COASTAL EROSION (HAKISAN PANTAI)

1. Do people here have any trouble with coastal erosion? Yes No
Adakah penduduk di sini menghadapi masalah hakisan?
 Don't know

2. When was the worst erosion year ? (*Tahun bila hakisan paling teruk yang dialami?*).....
3. Does this affect your personal property (land) ? Yes No
Adakah ia merosakkan harta benda anda (tanah)?
 If 'yes' please describe the damages (*Sekiranya 'ya' jelaskan kerosakan tersebut*)

4. What is the approximate cost of the loss? (*Berapakah jumlah kerugian yang dianggarkan?*).....
5. How far has the coastline receded since you first came to live here ? (*Berapakah agaknya pinggir pantai telah undur sejak anda tinggal di sini?*)
 a. < 0.5km b. 0.5-1km c. >1km d. don't know

PERCEPTIONS (*PERSEPSI*)

1. In your opinion, what causes coastal erosion here ? (*Pada pandangan anda, apakah punca hakisan di sini?*)
 primarily man primarily nature combination of man and nature
 (*manusia*) (*semulajadi*) (*kombinasi manusia dan semulajadi*)
 don't know
 (*tidak tahu*)
2. Will erosion cause a serious problem here in the future ? (*Adakah hakisan akan menjadi lebih serius pada masa depan?*)
 Yes No Don't know
3. In your opinion, what will happen to your property should there be a rise in sea level ? (*Pada pendapat anda, apa akan berlaku kepada harta benda anda sekiranya berlaku peningkatan aras laut?*)
 a. threatened b. loss c. uncertain
 (*terancam*) (*hilang*) (*kurang pasti*)

MITIGATION MEASURES (*CARA ATASI*)

1. Have you ever taken any action to prevent possible damage from coastal erosion ? (*Adakah anda mengambil sebarang tindakan untuk menghalang sebarang kerosakan daripada hakisan pantai?*)
 a. no action b. moved house away from shorefront
 (*tiada tindakan*) (*pindah rumah*)
 c. appealed to public officials for aid d. other engineering adjustment
 (*minta pertolongan daripada kerajaan*) (*penggunaan cara kejuruteraan*)
 e. others(specify) (*lain, nyatakan*)

2. How much money do you estimate you have spent on erosion control measures ? (*Berapakah anggaran perbelanjaan anda ?*)

3. Do you plan to take any (additional) action to offset future erosion ? (*Adakah anda bercadang untuk mengambil tindakan tambahan untuk mengurangkan hakisan di masa depan?*)
- Yes No Uncertain
 (*kurang pasti*)
- If 'yes' (specify) (Jika 'ya' nyatakan).....

RESETTLEMENT (*PENEMPATAN SEMULA*)

1. Did any of the settlers here move to another place due to coastal erosion ? (*Adakah terdapat penduduk yang telah berpindah akibat hakisan?*)
- Yes No Uncertain
 (*kurang pasti*)
2. How many families have already moved? (*Berapakah buah keluarga yang telah pindah?*) _____
3. If you are given an opportunity would you like to resettle in a new place ? (*Sekiranya anda diberi peluang adakah anda suka ditempatkan di kawasan baru?*)
- Yes No Uncertain
 (*kurang pasti*)
4. Do you prefer the new location to be near the sea or further inland ? (*Adakah anda lebih suka kawasan yang dekat dengan laut atau jauh dari laut?*)
- near the sea further inland uncertain
 (*dekat dengan laut*) (*jauh dari laut*) (*kurang pasti*)