

# Local Resident Questionnaire

Date: D\_\_\_\_\_/M\_\_\_\_\_/Y\_\_\_\_\_ Interviewer: \_\_\_\_\_  
County: \_\_\_\_\_ Town: \_\_\_\_\_ village: \_\_\_\_\_  
Start time: \_\_\_\_\_

I'm a student from Anhui Normal University. This survey is investigating the environment around here, and collecting information about Yangtze alligators. Your participation in this research is voluntary and confidential. We record the name of the village but not of individuals. You do not have to answer any questions if you do not feel comfortable. If you do not know an answer, please say 'I do not know' – it is fine if you do not know the answer. There are lots of questions but each one is very important so please be as accurate as you can.

You should know that you are able to withdraw from the interview at any time without having to give a reason why.

Are you willing to participate in this survey? YES  NO, unwilling

## A) Background

### 1. Personal information

- a. Age \_\_\_\_\_
- b. Sex \_\_\_\_\_
- c. What is your ethnicity? \_\_\_\_\_ **DK**
- d. What is your level of education? \_\_\_\_\_  
**None**      **Junior school**      **Middle school**      **High school**      **University**  
**Other** \_\_\_\_\_
- e. What is your occupation now? \_\_\_\_\_ **unemployed**  **NA, Retired**   
**If retired:**
- i. What was your occupation *before* retirement? \_\_\_\_\_
- f. How many years have you lived here? \_\_\_\_\_ years
- g. What is your annual income? \_\_\_\_\_ RMB **DK**

## B) Local resource use

### 2. Do you own any land around here either shared with other people or privately? YES/NO

If YES:

- a. Private  Shared  Private and shared

- b. How much land do you own? \_\_\_\_\_ Acres **DK**

### 3. Do you grow any crops now, or have you ever grown crops in the past? YES/NO

If NO proceed to Q4

If YES:

**Now**  **In the past**  **[If in the past] When did you stop Y** \_\_\_\_\_

- a. How long have you grown crops around here for? \_\_\_\_\_ Years/months **DK**

b. Which crops do/did you grow?

- |                                  |                                       |                                  |
|----------------------------------|---------------------------------------|----------------------------------|
| <input type="checkbox"/> Rice    | <input type="checkbox"/> Sweet potato | <input type="checkbox"/> Peanut  |
| <input type="checkbox"/> Wheat   | <input type="checkbox"/> Bamboo       | <input type="checkbox"/> Tea     |
| <input type="checkbox"/> Maize   | <input type="checkbox"/> Cotton       | <input type="checkbox"/> Hemp    |
| <input type="checkbox"/> Soybean | <input type="checkbox"/> Rapeseed     | <input type="checkbox"/> Fruit   |
| <input type="checkbox"/> Sorghum | <input type="checkbox"/> Sesame       | <input type="checkbox"/> Tobacco |

Other(s) not listed \_\_\_\_\_

C.

- i. (Circle response) Has the land area you grow crops on **increased, decreased** or **remained the same** in the time you have lived in this village? **DK**  
If **Increased** or **decreased**:
- ii. When did it change? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ **DK**
- iii. Why did it change? **DK**
- 

*Pesticides and fertilizers*

- d. Do you use pesticides on your crops? **YES/NO** **DK**  
If **YES**:
- i. How many different kinds of pesticides do you use? \_\_\_\_\_ **DK**

If **YES**, ask for the following details:

- ii. Do you know the names of any pesticides you use? **YES/NO**  
If **YES**, give details: \_\_\_\_\_
- iii. How regularly do you apply these? \_\_\_\_\_ per week/month/year **DK**
- iv. When in the year do you apply this? **DK**

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

- e. Do you use **chemical** fertilizers on your crops? **YES/NO** **DK**  
If **YES** take all details

- i. How many different fertilizers do you use? \_\_\_\_\_

**Fertilizer 1**

- ii. What is the fertilizer name? \_\_\_\_\_ **DK**
- iii. How regularly do you apply this? \_\_\_\_\_ per week/month/year **DK**
- iv. When in the year do you apply this? **DK**

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**Fertilizer 2**

- i. What is the fertilizer name? \_\_\_\_\_ **DK**
- ii. How regularly do you apply this? \_\_\_\_\_ per week/month/year **DK**
- iii. When in the year do you apply this? **DK**

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**Fertilizer 3**

- i. What is the fertilizer name? \_\_\_\_\_ **DK**
- ii. How regularly do you apply this? \_\_\_\_\_ per week/month/year **DK**
- iii. When in the year do you apply this? **DK**

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

- f. Have you ever used the local water supply for irrigating crops? **YES/NO**  
If **YES**

- i. When did you start using irrigation? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ **DK**

4. Do you use pesticides in your home? **YES/NO**

If **YES**:

- a. What pesticides do you use? \_\_\_\_\_ **DK**
- b. Which pests are you trying to kill? (e.g. mice, insects etc.)? \_\_\_\_\_ **DK**
- 
- c. How regularly do you apply this? \_\_\_\_\_ per **week/month/year** **DK**
- d. When in the year do you apply this? **DK**

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

*Water resource use*

5. Do you farm fish around here? **YES/NO**

If **NO** go to 5.d + 5.e

If **YES**

- a. What species do you farm? \_\_\_\_\_ **DK**
- 
- b. Where do you farm fish? \_\_\_\_\_
- 
- c. How many enclosures do you have? \_\_\_\_\_ **DK**
- d. When did you start farming fish? **D** \_\_\_\_\_ **M** \_\_\_\_\_ **Y** \_\_\_\_\_ **DK**
- e. Do other people farm fish around here? **YES/NO** **DK**

If **YES**

- i. How many people farm fish around here? \_\_\_\_\_ **DK**

*Fishing*

6. Do you ever go fishing around here? **YES/NO**

If **NO** go to 6.d+ 6.e

If **YES**:

- a. Where do you go fishing? \_\_\_\_\_ **DK**
- b. How do you fish? (e.g. using a rod, nets) \_\_\_\_\_ **DK**
- 
- c. How often do you go fishing? \_\_\_\_\_ per day/ week/ month **DK**
- d. How often did you fish 10 years ago? \_\_\_\_\_ per day/ week/ month **DK**
- e. How often did you fish 20 years ago? \_\_\_\_\_ per day/ week/ month **DK**

7. Do you use the local water supply for any other purposes (e.g. washing clothes, rearing ducks)? **YES/NO**

**DK**

If **YES** give details:

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**C) Alligator occurrences**

*Alligator recognition*

8. [Show picture of alligator, **DO NOT** say what the animal is yet]

- a. What is this animal? \_\_\_\_\_ **DK**
- Write **exact** response:
- 

Tick  if respondent only knows it as "crocodile" or "alligator" i.e. "鳄鱼"

**[If DK answer to Q8, or cannot identify specifically as the Chinese alligator, ask Q9:]**

[If recognised as **Chinese alligator, river dragon, mud dragon** etc, ask **8.b and 8.c, 8.d**]

b. Where did you hear about this animal?

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c. Do you know any other names for this animal? **YES/NO**

Give details:

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d. Do you know any legends or stories about this animal? **YES/NO**

If **YES**,

Give details:

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**9.** Do you know what the mud dragon is? (wait for answer, then try river dragon then Chinese alligator)  
**YES/NO**

If **YES** go to **9.a, 9b and 9c**

If **NO** end the questionnaire

**End time** \_\_\_\_\_

a. Where did you hear about the Chinese alligator/ mud dragon?

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b. Do you know any other names for the Chinese alligator? **YES/NO**

If **YES**

Give details \_\_\_\_\_

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c. Tell me anything you know about the Chinese alligator (e.g. how big, where they live)

**DK**

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d. Do you know any legends or stories about the alligator? **YES/NO**

If **YES**

Give details:

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#### *Live alligators*

**10.** Have you ever seen a *wild* Chinese alligator? **YES/NO**

If **NO**, proceed to **Q13**

If **YES**:

a. When did you last see a wild alligator(s)? **D**\_\_\_\_\_ **M**\_\_\_\_\_ **Y**\_\_\_\_\_ **DK**

b. Where did you last see a wild alligator(s)? [*Please be as precise as possible*] **DK**

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c. How many did you see? \_\_\_\_\_ **DK**

**11.** Have you ever seen a *wild* alligator *anywhere else*? **YES/NO**

If **no**, proceed to **Q12**

If **YES**:

a. When? **D**\_\_\_\_\_ **M**\_\_\_\_\_ **Y**\_\_\_\_\_ **DK**

b. Where? \_\_\_\_\_ **DK**

- c. How many? \_\_\_\_\_ DK  
 d. Other details: \_\_\_\_\_

[Fill in more occurrences below]

#2

- When? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK  
 Where? \_\_\_\_\_ DK  
 How many? \_\_\_\_\_ DK  
 Other details: \_\_\_\_\_

#3

- When? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK  
 Where? \_\_\_\_\_ DK  
 How many? \_\_\_\_\_ DK  
 Other details: \_\_\_\_\_

12.

- a. How often do you see *wild* alligators in *different* places these days? DK

Never Rarely Occasionally Frequently Very frequently

- b. How frequently did you see wild alligators in different places **20** years ago? DK

Never Rarely Occasionally Frequently Very frequently

- c. How frequently did you see wild alligators in different places **30** years ago? DK

Never Rarely Occasionally Frequently Very frequently

*Alligator nests*

13. Have you ever seen Chinese alligator eggs? YES/NO

If **NO** go to Q15

If **YES**:

- a. What do they look like? \_\_\_\_\_ DK  
 b. When did you see them? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK  
 c. Where did you see them? \_\_\_\_\_ DK

14. Have **you** ever collected alligator eggs? YES/NO

If **YES**

- a. When were the eggs collected? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK  
 b. Where from? \_\_\_\_\_ DK  
 c. Why were the eggs collected? DK

\_\_\_\_\_  
 \_\_\_\_\_

15. Have you heard of **anyone** that has ever collected alligator eggs? YES/NO

If **YES**

- a. When? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK  
 b. Where from? \_\_\_\_\_ DK  
 c. Why were the eggs collected? DK

\_\_\_\_\_  
 \_\_\_\_\_

16. Have you ever seen an alligator nest (explain nest: where alligator lays eggs)? YES/NO

If NO go to Q18

If YES:

- a. When was the last time you found a nest? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK
- b. Where exactly did you see the nest (describe environment)? DK
- c. What did it look like? \_\_\_\_\_ DK

Room for more occasions

- If YES a. When? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK
- b. Where? \_\_\_\_\_ DK

- If YES a. When? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK
- b. Where? \_\_\_\_\_ DK

17.

- a. How frequently do you find a different alligator nests today? DK

Never                  Rarely                  Occasionally                  Frequently                  Very frequently

- b. How frequently did you find new alligator nests 20 years ago? DK

Never                  Rarely                  Occasionally                  Frequently                  Very frequently

- c. How frequently did you find new alligator nests 30 years ago? DK

Never                  Rarely                  Occasionally                  Frequently                  Very frequently

18. Have you heard of anyone else finding an alligator nest? YES/NO

- a. When? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK
- b. Where? \_\_\_\_\_ DK

19. What do people do if they find an alligator nest? DK

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20. Have you ever seen any other evidence of alligators around here that I have not mentioned? YES/NO

If YES give details:

- a. What evidence? DK
- b. When? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK
- c. Where? \_\_\_\_\_ DK

E) Attitudes and perceptions of the Chinese alligator

21. Have alligators ever damaged agricultural land around here? YES/NO DK

If YES

- a. When? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK
- b. How much of a problem is this? DK

22. Do alligators ever eat local livestock? YES/NO DK

If YES

- a. When did this last happen? D \_\_\_\_\_ M \_\_\_\_\_ Y \_\_\_\_\_ DK
- b. Which animals were eaten? DK

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23. How much of a problem do alligators cause to fish stocks? DK

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24. Have alligators ever damaged ponds or dams in this village? **YES/NO** DK

If **YES**

a. When? **D** \_\_\_\_\_ **M** \_\_\_\_\_ **Y** \_\_\_\_\_ DK

b. give details:

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If **YES**

a. When? **D** \_\_\_\_\_ **M** \_\_\_\_\_ **Y** \_\_\_\_\_ DK

b. give details:

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*Dead Alligators*

25. Have *you seen, or do you know someone else that has* seen a dead alligator? **YES/NO**

If **NO** go to **Q28**

If **YES**

**YOU**                      **SOMEONE ELSE**                      **[circle as necessary]**

a. When? **D** \_\_\_\_\_ **M** \_\_\_\_\_ **Y** \_\_\_\_\_ DK

b. Where was it found? \_\_\_\_\_ DK

c. What do you think the cause of death was? DK

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Room for more occasions:

If **YES**

**YOU**                      **SOMEONE ELSE**                      **[circle as necessary]**

i. When? **D** \_\_\_\_\_ **M** \_\_\_\_\_ **Y** \_\_\_\_\_ DK

ii. Where? \_\_\_\_\_ DK

iii. Cause of death: DK

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If **YES**

**YOU**                      **SOMEONE ELSE**                      **[circle as necessary]**

i. When? **D** \_\_\_\_\_ **M** \_\_\_\_\_ **Y** \_\_\_\_\_ DK

ii. Where? \_\_\_\_\_ DK

iii. Cause of death: DK

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26.

a. How often are dead alligators found around here these days? DK

**Never**                      **Rarely**                      **Occasionally**                      **Frequently**                      **Very frequently**

b. How often were dead alligators found around here **20** years ago? DK

**Never**                      **Rarely**                      **Occasionally**                      **Frequently**                      **Very frequently**

c. How often were dead alligators found around here 30 years ago? DK

Never                  Rarely                  Occasionally                  Frequently                  Very frequently

27. What would you do if you found a dead alligator? DK

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#### D) Causes of alligator decline

##### *Accidental and deliberate mortality*

28. Have you ever heard of **someone else** (friend, family, another) who has killed an alligator? **YES/NO**

If **YES**

a. When was it killed? **D**\_\_\_\_\_ **M**\_\_\_\_\_ **Y**\_\_\_\_\_ DK

b. Where was it killed? \_\_\_\_\_ DK

c. How was the alligator killed? DK

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d. Why was the alligator killed? DK

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29. Have **you** ever killed an alligator? **YES/NO**

If **YES**

a. When was it killed? **D**\_\_\_\_\_ **M**\_\_\_\_\_ **Y**\_\_\_\_\_ DK

b. Where was it killed? \_\_\_\_\_ DK

c. How was the alligator killed? DK

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d. Why was the alligator killed? DK

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- If **YES** to either Q28 or Q29:

“Do you know any other instances when Chinese alligators were killed? **YES/NO**”

**YOU**                  **SOMEONE ELSE**                  [circle as necessary]  
When killed? **D**\_\_\_\_\_ **M**\_\_\_\_\_ **Y**\_\_\_\_\_ DK

Where killed? \_\_\_\_\_ DK

How was the alligator killed? DK

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Why killed? \_\_\_\_\_ DK

**YOU**                  **SOMEONE ELSE**                  [circle as necessary]  
When killed? **D**\_\_\_\_\_ **M**\_\_\_\_\_ **Y**\_\_\_\_\_ DK

Where killed? \_\_\_\_\_ DK

How was the alligator killed? DK

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Why killed? \_\_\_\_\_ DK



Alligator consumption, sales, TCM, egg collection

30. Do you know anyone who has eaten Yangtze alligator? **YES/NO**

If **YES**:

When? **D** \_\_\_\_\_ **M** \_\_\_\_\_ **Y** \_\_\_\_\_

DK

Where? \_\_\_\_\_

DK

31. Have you ever eaten wild alligator meat? **YES/NO**

If **YES**

a. When was the last time you ate alligator meat? **M** \_\_\_\_\_ **Y** \_\_\_\_\_

DK

32. Do people use alligators in traditional Chinese medicine around here? **YES/NO**

DK

If **NO** write anything the respondent says (e.g. "it's poisonous, bad luck etc.")

If **YES**

a. When was the last time alligators were used in TCM? **M** \_\_\_\_\_ **Y** \_\_\_\_\_

DK

b. Which parts of the alligator are used? \_\_\_\_\_

DK

c. What is the purpose of this medicine?

DK

33. Do you know any other uses of Chinese alligators? **YES/NO**

DK

If **YES** give details:

34. Do you know anyone who has caught an alligator? **YES/NO**

If **YES**

a. When was the alligator caught? **D** \_\_\_\_\_ **M** \_\_\_\_\_ **Y** \_\_\_\_\_

DK

b. Why was the alligator caught?

DK

35. Do you know anyone that has sold or tried to sell a wild alligator? **YES/NO**

If **YES**

a. When? **D** \_\_\_\_\_ **M** \_\_\_\_\_ **Y** \_\_\_\_\_

DK

b. Where? \_\_\_\_\_

DK

F) Attitudes towards the conservation of alligators

36.

a. [Circle response] Do you think the Chinese alligator is:

**Very rare**

**Rare**

**Quite common**

**Very common**

**Abundant**

**DK**

Write **any extra response**:

\_\_\_\_\_

\_\_\_\_\_

b. Do you know about any work people do to help the alligators? **YES/NO**

If **YES** give details:

\_\_\_\_\_

\_\_\_\_\_

c. [circle answer] Do you feel **good**, **bad**, or **neither good or bad** about restocking alligators near your village

DK

Why?

\_\_\_\_\_

\_\_\_\_\_

