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# Socioeconomic Survey Guide for Urban Development and Water Projects

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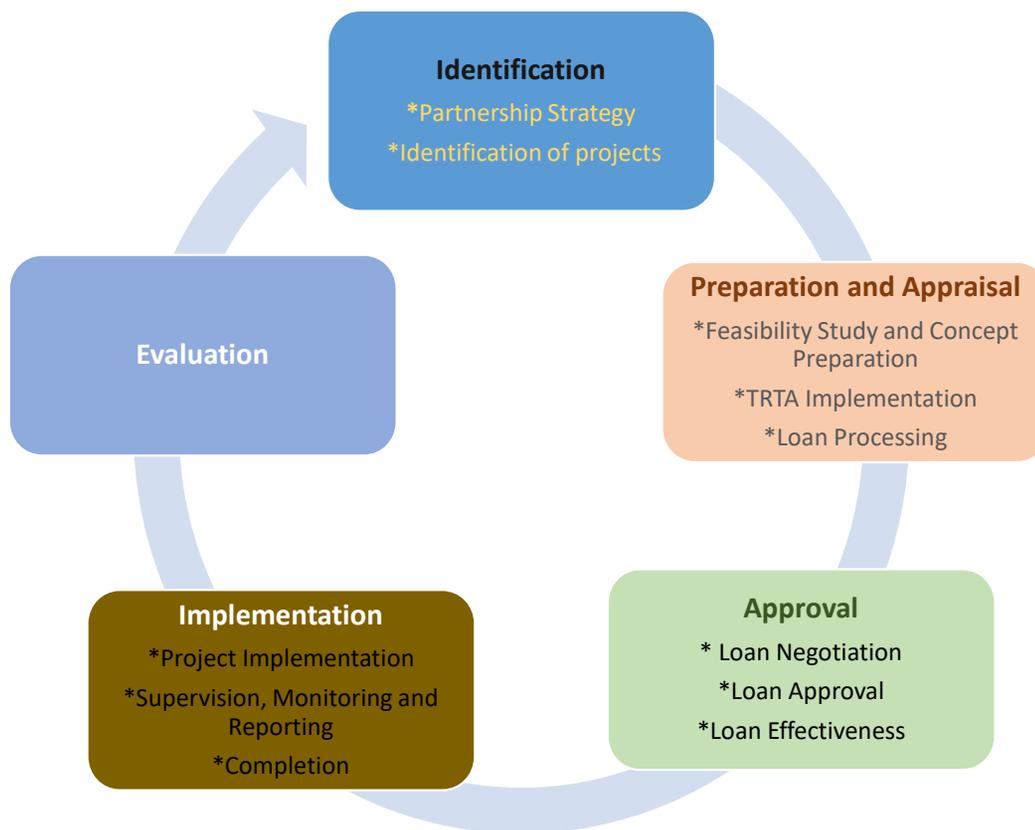
ADB

# What the Survey Guide contains:

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1. Socioeconomic surveys and ADB Project Cycle \*
2. Common Mistakes in Surveys Questionnaires
3. Identification of Core and Expanded Questions \*
4. Pre-Survey and Survey Implementation guidelines \*
5. Annotated draft Questionnaire with core and expanded questions

# 1. ADB Project Cycle



## 2. Common Mistakes in Survey Questionnaires

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1. Lack of standardized questions
2. Too many questions
3. Disorganized way of asking
4. Vague and suggestive questions
5. Use of Absolutes
6. Reliance on Memory recall
7. Ignoring cultural differences and sensitivities

# 5. Annotated Draft Questionnaire with Core and Expanded Questions

[NOTE: For users of draft questionnaire: core questions are in red font, and "skip" instructions are in blue font.]

## Introduction

Hello, I am \_\_\_\_\_. I work for \_\_\_\_\_. At the request of the Government of the \_\_\_\_\_ (name of country), the Asian Development Bank (ADB) is developing an initiative called the "\_\_\_\_\_ (name of project)." This project aims to improve access to \_\_\_\_\_ in \_\_\_\_\_ (project area).

The infrastructure works to be constructed under the project will include:

- An upgrade and expansion of the local sewer network and the Sewage Treatment Plant
- Construction of new sewer network and a sewage plant
- Construction of a fecal sludge treatment plant
- Development of a fecal sludge management plan for the city

Your household was randomly selected for this survey. We would like to remind you that you can choose not to participate. However, we will greatly appreciate it if you agree to this interview. Your responses will help the government plan the project, which will improve your household's access to water and sanitation facilities and services.

We would like to assure you that any information you provide will be recorded anonymously and treated as confidential. Should you choose to participate, please remember that there are no right or wrong answers. We would only like to get your honest opinions. It will probably take about 45 minutes to complete the survey. In case you need more information about the project, you may contact the person listed on this card. [Give card with contact information.] Thank you.



## Screener questions:

- Are you the head of the household or the eligible person for the interview (household water manager/caregiver, etc)?

[Note: The head of the household is an adult person, male or female, who can either be the breadwinner, the main decision-maker, the oldest person in the family, or who is regarded as the head by the members of the household. These norms may vary across countries, within countries, or across income groups].

– No (Stop the interview)      1 – Yes

- [If yes] Do you have any questions before we start the interview?  
0 – None    1 – Yes [Enumerator addresses the questions]

- If you have no more questions, may I begin the interview now?  
0 – No, refuses to participate [Stop the interview and ask the reason for refusal]  
1 – Yes [ask to sign a consent form, then proceed with the interview]

The screener questions are administered prior to the survey proper. They prevent enumerators from interviewing non-eligible respondents, and they secure the consent of eligible respondents to be interviewed.

If the questionnaire is designed to be answered by the eligible member of the household (as defined by the project), enumerators should make sure that they are interviewing the eligible respondent. If the eligible person is not available, the enumerator can come back at a set time when he or she will be available.

It is also important to ask respondents for any questions or clarifications they may have before proceeding with the interview. The enumerator should politely respond to these questions the best way he or she can, or refer to the field supervisor for guidance.

The enumerator then politely asks if it is OK to begin the interview, in order to solicit the respondent's consent to proceed with the questions. Consent should be written and not just verbal.

# Annotated Draft Questionnaire with Core and Expanded Questions

## Insert Socioeconomic Questions:

Minimum sociodemographic variables that can be used to analyze contingent valuation method (CVM) data:

- Age of head of household, respondent
- Gender of head of household, respondent
- Highest level of education of head of household
- Household income (including pensions and remittances) (ask this last)
- Household size
- House characteristics (home ownership; electricity connection; construction materials of the roof, walls, floors, etc.)
- Wealth quintile questions (country specific)

### Optional

- Disability (Washington Group questions on disability)



## Section 1: Water Supply and Use

### Water Service Providers

This subsection is about the respondent's piped water supply if they are connected to one (H1 is a screener question).

H1. Is your household connected to a piped water network?

1. Yes [Skip to H3]
2. No

H2. [If no] Why is your household not connected? [Single response]

1. Water supply system unavailable in our area [Skip to H18]
2. Expensive connection fees [Skip to H18]
3. Expensive water user fees [Skip to H18]
4. Bad quality of drinking water [Skip to H18]
5. Poor service quality [Skip to H18]
6. Other (specify) [Skip to H18]

H3. to H17.

**Water Sources and Use** (H18. to H26.)

**Water Availability** (H27. to H38.)

**Water Quality** (H39. to H48.)

**Water Expenditures** (H49.)

# Annotated Draft Questionnaire with Core and Expanded Questions

## Section 2: Sanitation Services

### On-site sanitation facilities

H50. What kind of toilet facility do the members of your household usually use? If it is a 'flush' or 'pour' toilet facility, where does it flush to?

[Single response]

1. Flush or pour, flushes into piped sewer system
2. Flush or pour, flushes into septic tank
3. Flush or pour, flushes into pit latrine
4. Flush or pour, flushes into open drain
5. Flush or pour, flushes into unknown receptacle
6. Dry pit latrine with slab
7. Dry pit latrine without slab or an open pit
8. Composting toilet- Twin pits with slab
9. Composting toilet- Twin pits without slab
10. Other type of composting toilet
11. Bucket
11. Container-based sanitation
12. Hanging toilet or hanging latrine
13. No toilet facility, instead use of bushes or field [Skip to H67]
14. Other (specify)

H51. to H79.

**Septic Facilities** (H80. to H86.)

**Households with a Septic Tank** (H87. to H102.)

**Sewerage System** (H103. to H112.)

Questions H50–H60 primarily look at the household's toilet facility and its characteristics—whether it is shared, accessible, private, and environmentally safe.



## Section 3: Solid Waste Management

H113. How does your household usually dispose of its garbage?

1. Collected by a formal service provider
2. Collected by an informal service provider
3. Dropped off at a designated waste-disposal area, from where it is collected by formal or informal service providers
4. Disposed of within the household yard or plot
5. Buried or burned
6. Disposed of elsewhere
7. Don't know

H114. to H121.

This section includes questions on household behavior, particularly how the household manages its garbage (e.g., whether it segregates the organic food waste and engages in proper garbage-disposal practices).

It also explores the current solid waste services available to them (H113–H121) such as the service provider, frequency of garbage collection, and the monthly fee. H121 looks at their level of satisfaction to the solid waste management services that they are currently enjoying in terms of frequency, time, garbage fee and cleanliness of the area after collection. This may influence their willingness to pay for an improved solid waste management service that will be provided through the project.

# Annotated Draft Questionnaire with Core and Expanded Questions

## Section 4: Health and Hygiene

[Observation: Ask the respondent if he/she can show you where the members of the household most often wash their hands. Observe the availability of soap and water in the handwashing area.]

H122. Where do you and other members of your household most often wash your hands?

1. Sink or tap in dwelling
2. Sink or tap in the yard or on the plot
3. Mobile object (e.g., bucket, jug, or kettle)
4. No handwashing place in the dwelling, yard, or on the plot
5. No permission to see
6. Other (specify)

H123. OBSERVE: Availability of water at the place for handwashing? [Verify by checking the tap or pump, or the basin, bucket, water container, or similar objects for presence of water].

1. Water is available
2. Water is not available

H124. to H137.



## Section 5: Flooding

H138. How frequently does flooding occur in your yard?

1. Every time it rains
2. Only when it rains heavily
3. At least once a year
4. At least once every 2 years
5. At least once every 5 years
6. At least once every 10 years
7. Never

H139. How frequently does flooding occur inside your house?

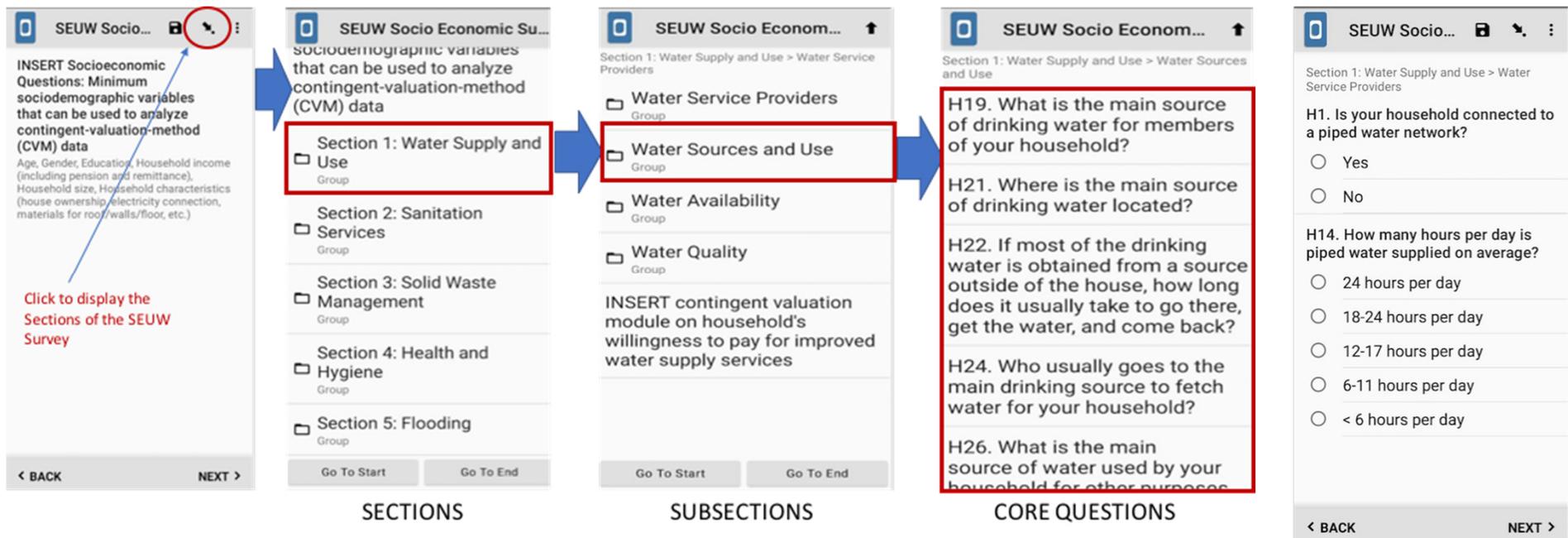
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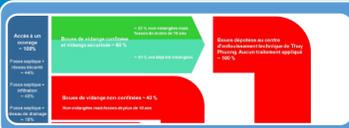
In this section, questions H138–H139 establish the frequency of flooding in the respondent's property. Question H140 looks at the depth of the flooding and question H141 looks at the duration.

H140. to H153.

-END OF THE SURVEY-

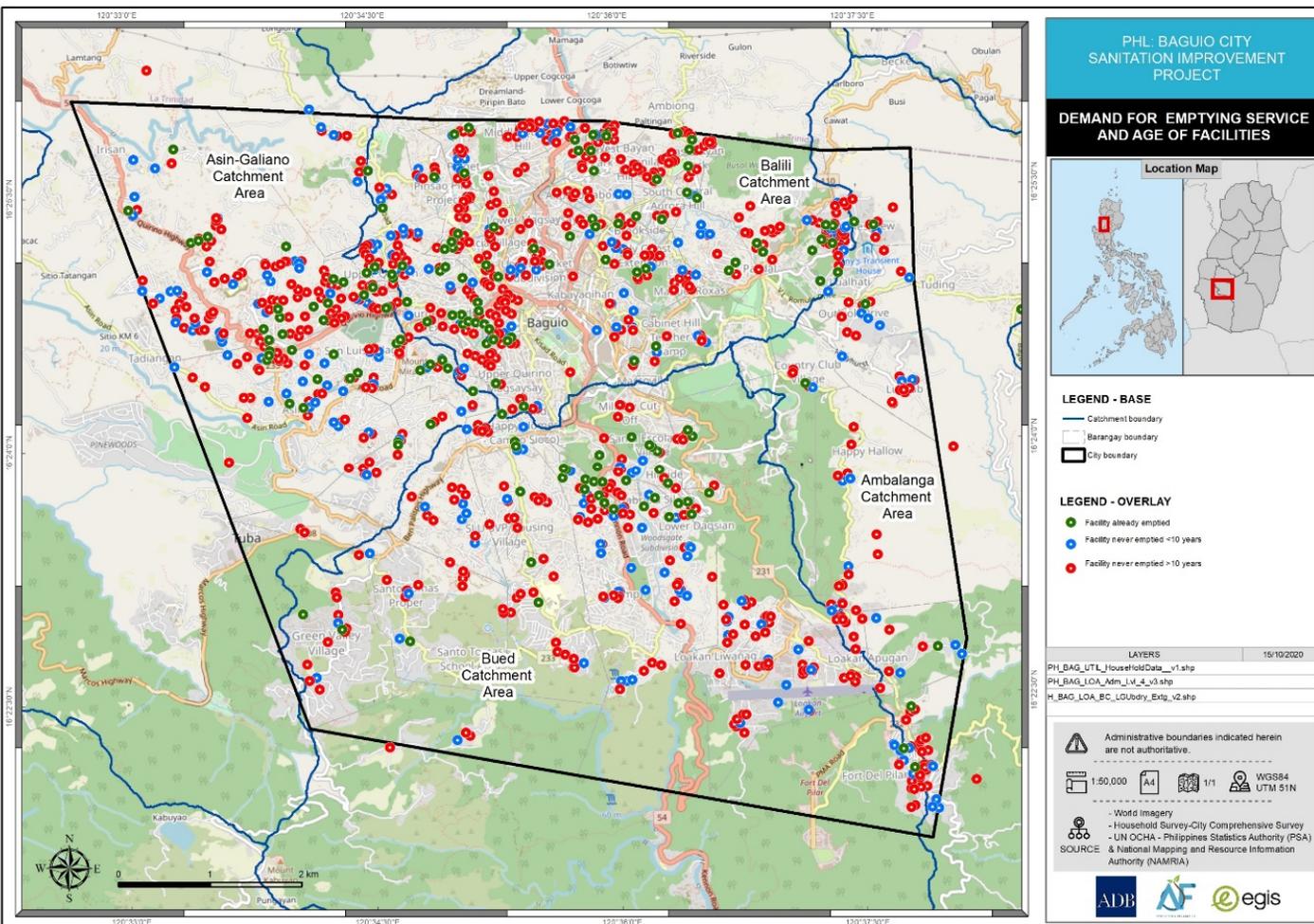
# Available in Kobo App: <https://kf.kobotoolbox.org/accounts/login/#/>





# Faecal Sludge Management - Emptying

Source: Household survey 2020



➤ 55% of facilities not emptied & more than 10 years

→ High contamination risk (effluent of facilities highly loaded in organics)



*Thank you very much!*



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