

Appendix 1

Questionnaire

Assessment of the impact of climate change on MDG Target 7c

1. Introduction

Thank you for participating in the survey.

This survey is part of a larger project to assess the impact of climate change on the Millennium Development Goal Target 7c for drinking-water supply and sanitation. The project is being funded by the UK Department for International Development (DFID) and supported by WHO.

The questionnaire includes 54 questions divided between nine sections. It should take you less than 30 minutes to complete.

Several of the sections include a brief introduction that describes the purpose of the section and the types of information that we are trying to collect. This should help you to frame your answers to these questions.

You may find some questions are not relevant to your experience or the area in which you are working; you can leave these blank as the questionnaire does not require that you complete all sections.

The information that you provide in the questionnaire will be compiled into a report that will be presented to a meeting of climate and water and sanitation experts in October 2008. This meeting will identify the priorities for action based on the issues you have raised in the questionnaire and these will be published in a final report prepared by DFID and WHO.

Once again, thank you for participating in this survey.

2. Contact details

1. Contact Details

Name:	<input type="text"/>
Organization:	<input type="text"/>
Address:	<input type="text"/>
Address 2:	<input type="text"/>
City/ Town:	<input type="text"/>
State:	<input type="text"/>
ZIP/ Postal Code:	<input type="text"/>
Country:	<input type="text"/>
Email Address:	<input type="text"/>
Phone Number:	<input type="text"/>

2. Organization type: (please select one only)

☐ Government

☐ Non-Governmental
Organization

☐ Donor/International
Agency

☐ Academic

Other (please specify)

3. Position:

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4. Type of position: (please select one only)

- ☐ Engineer ☐ Scientist ☐ Policy maker ☐ Field officer ☐ Water resource manager ☐ Water quality manager
- ☐ Other (please specify)

5. Type of office within your organization? (please select one only)

- ☐ Head office ☐ Regional office ☐ Country office ☐ Field office

6. Please indicate whether you would be willing for us to contact you at a later stage for further discussion and clarification. (please select one only)

- ☐ Yes, please contact me by email ☐ Yes, please contact me by phone ☐ No, please don't contact me

3. Description of the relevant area

Please describe the area that you are answering this questionnaire for: please give the name, a brief description of the area and a brief characterisation of the climate of the area.

7. In what country or countries is the region you answering this questionnaire for?

8. Please give the name and a brief description of the area.

9. How would you describe the climate/ geography of the area? (select as many as are appropriate)

- ☐ mountainous ☐ tropical ☐ coastal
☐ polar ☐ arid ☐ inland
☐ temperate ☐ Mediterranean

10. How many wet or rainy seasons do you experience annually in your area? (please select one only)

- ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ Not seasonal

11. How many years have you been working in this area? (please select one only)

- ☐ < 1 ☐ 1 - 5 ☐ > 5

12. Has your national meteorological and hydrological service (NHMS) or equivalent regional organization issued an official statement on observed or predicted climate trends in your region? (please select one only)

	Yes	No	Don't know
Observed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Predicted	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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13. If so, what does this statement indicate about climate aspects: (please select one answer only per row)

	Increase	Decrease	Remain unchanged	Uncertain	No such statement issued
Observed rainfall	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Predicted rainfall	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Observed temperature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Predicted temperature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Observed frequency of extreme events (e.g. storms)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Predicted frequency of extreme events (e.g. storms)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please name the organization making the statement:

4. Observations related to changes in weather patterns

14. Are you aware of changes that have already occurred in the long-term annual rainfall patterns in the area defined in Section 3? (please select one only)

☐ Yes

☐ No

15. If yes, what are the changes to long-term annual rainfall that you are aware of? (please select one only per row)

	Increase	Decrease	Unchanged
Average annual rainfall	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rainfall intensity (mm per hour)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

16. For the area defined in Section 3, has the rainy or wet season been getting: (please select one only)

☐ Longer

☐ Shorter

☐ No change

☐ Rainfall is not seasonal

17. Are your answers in this section based on: (select as many as are appropriate)

☐ Referenced report (if available, please add)

☐ Own perception

☐ Discussion with local community

☐ Monitoring data

☐ Other (please specify)

18. Are you changing your strategy for the implementation of drinking-water supply and sanitation options based on your awareness of changes in long-term annual rainfall? (please select one only per row)

	Yes	No
Drinking-water supply	<input type="radio"/>	<input type="radio"/>
Sanitation	<input type="radio"/>	<input type="radio"/>

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19. Do you feel that there is adequate information relating to climate change predictions available for your area? (please select one only)

☐ Yes

☐ No

If no, please specify what information you would like to receive

5. Year-to-year changes in drinking-water sources

These questions refer to the drinking-water sources in the area defined in Section 3. For each drinking-water source below, please indicate any year-to-year changes. Please give only one answer per row.

For each section under "Evidence" please give the reason for any noted change, an indication of the time scale if known, and the knowledge source. For example the source might include a referenced report, own perception, local knowledge, monitoring data, etc.

20. Groundwater

	Risen	Fallen	Stable	More variable	Unknown
Average groundwater level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Evidence

21. Rivers

	Risen	Fallen	Stable	More variable	Unknown
Average levels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Maximum levels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Minimum levels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Frequency of flooding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Frequency of droughts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Evidence

22. Lakes

	Risen	Fallen	Stable	More variable	Unknown
Average levels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Evidence

23. Rainwater

	Increased	Decreased	More variable	Remained stable	Unknown
Availability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Evidence

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24. Quality of drinking-water source

	Improved	Deteriorated	More variable	No change	Unknown
Groundwater	jñ	jñ	jñ	jñ	jñ
Rivers	jñ	jñ	jñ	jñ	jñ
Lakes	jñ	jñ	jñ	jñ	jñ
Rainwater	jñ	jñ	jñ	jñ	jñ

Evidence

25. Please use this box to provide further details of evidence

6. Climate predictions

These questions refers to any climate predictions for the area defined in Section 3. Please identify what impact the predicted changes in climate might have on components of water resources in the area? Please give the reason for any noted change, and the knowledge source in the box provided at the bottom of the page if different from the NHMS statement in Question 12. For example the source might include a referenced report, own perception, local knowledge, monitoring data, etc.

Please select only one answer per row.

26. Climate predictions - hydrology

	Increase	Decrease	More variable	No change	Unknown
Run-off	jñ	jñ	jñ	jñ	jñ
Groundwater recharge	jñ	jñ	jñ	jñ	jñ
Floods	jñ	jñ	jñ	jñ	jñ
Storms	jñ	jñ	jñ	jñ	jñ
Droughts	jñ	jñ	jñ	jñ	jñ
Sea level	jñ	jñ	jñ	jñ	jñ
Other extreme events (please specify)	jñ	jñ	jñ	jñ	jñ

Other extreme events:

27. Climate predictions - water quality

	Improve	Deteriorate	More variable	No change	Unknown
Surface water quality	jñ	jñ	jñ	jñ	jñ
Groundwater quality	jñ	jñ	jñ	jñ	jñ

28. Please use this box to provide details of evidence for climate predictions if different from NHMS statement detailed in Section 3

7. Drinking-water and sanitation options

Which of the following drinking-water and sanitation options are in use in the area defined in Section 3? Please rank these (where 1 is the dominant source in use and 10 is the least used option).

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Please interpret 'dominant' as referring to the option which serves the greatest number of people.

Only one answer per row and per column.

29. For URBAN areas, please rank the following drinking-water sources in use from 1-10.

	1 - Most common	2	3	4	5	6	7	8	9	10 - Least common	N/A
Piped water supply	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Public standpipes	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Borehole	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Protected dug well	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Protected spring	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Unprotected well	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Unprotected spring	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Untreated surface water	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Rainwater	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Other (please specify at end of section)	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ

30. For RURAL areas, please rank the following drinking-water sources in use from 1-10.

	1 - Most common	2	3	4	5	6	7	8	9	10 - Least common	N/A
Piped water supply	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Public standpipes	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Borehole	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Protected dug well	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Protected spring	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Unprotected well	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Unprotected spring	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Untreated surface water	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Rainwater	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ
Other (please specify)	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ	jñ

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31. For URBAN areas, please rank the following sanitation options in use from 1-9.

	1 - Most common	2	3	4	5	6	7	8	9 - Least common	N/A
Connection to a public sewer	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Pour-flush latrine	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Connection to a septic system	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Ventilated improved pit latrine	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Service or bucket latrines	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Public latrines	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Open latrines	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Open defaecation	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Other (please specify)	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq

32. For RURAL areas, please rank the following sanitation options in use from 1-9.

	1 - Most common	2	3	4	5	6	7	8	9 - Least common	N/A
Connection to a public sewer	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Pour-flush latrine	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Connection to a septic system	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Ventilated improved pit latrine	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Service or bucket latrines	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Public latrines	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Open latrines	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Open defaecation	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq
Other (please specify)	jq	jq	jq	jq	jq	jq	jq	jq	jq	jq

33. Please use this box to provide information of other drinking-water supply and sanitation options used in your area, and their prevalence.

8. Vulnerability and reliability (in terms of quality and quantity) of the opt...

Please indicate where there have been any failures of the water supply or sanitation options in the past two years.

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34. Have you experienced any failures in the drinking-water supply options over the past two years? (please select one only per row)

	Yes, commonly	Yes, intermittently	Yes, rarely	No	Not applicable
Piped water supply	jñ	jñ	jñ	jñ	jñ
Public standpipes	jñ	jñ	jñ	jñ	jñ
Borehole	jñ	jñ	jñ	jñ	jñ
Protected dug well	jñ	jñ	jñ	jñ	jñ
Protected spring	jñ	jñ	jñ	jñ	jñ
Unprotected well	jñ	jñ	jñ	jñ	jñ
Unprotected spring	jñ	jñ	jñ	jñ	jñ
Untreated surface water	jñ	jñ	jñ	jñ	jñ
Rainwater	jñ	jñ	jñ	jñ	jñ
Other (please specify)	jñ	jñ	jñ	jñ	jñ

Other (please specify)

35. If yes, what were the circumstances around the failure(s) of the drinking-water supply options? (eg technology failure, pollution event, climatic event..etc)

36. Have you experienced any failures in the sanitation options over the past two years? (please select one only per row)

	Yes, commonly	Yes, intermittently	Yes, rarely	No	Not applicable
Connection to a public sewer	jñ	jñ	jñ	jñ	jñ
Connection to a septic system	jñ	jñ	jñ	jñ	jñ
Pour-flush latrine	jñ	jñ	jñ	jñ	jñ
Ventilated improved pit latrine	jñ	jñ	jñ	jñ	jñ
Public latrines	jñ	jñ	jñ	jñ	jñ
Open latrines	jñ	jñ	jñ	jñ	jñ
Other (please specify)	jñ	jñ	jñ	jñ	jñ

Other (please specify)

37. If yes, what were the circumstances around the failure(s) of the sanitation options? (eg technology failure, climatic event..etc)

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38. In your opinion, if climate change is predicted to result in a significant *increase in rainfall* for the area defined in Section 3, how would that affect the vulnerability to failure of the drinking-water supply options? (please select one only per row)

	Increased vulnerability	Decreased vulnerability	No change
Piped water supply	jñ	jñ	jñ
Public standpipes	jñ	jñ	jñ
Borehole	jñ	jñ	jñ
Protected dug well	jñ	jñ	jñ
Protected spring	jñ	jñ	jñ
Unprotected well	jñ	jñ	jñ
Unprotected spring	jñ	jñ	jñ
Untreated surface water	jñ	jñ	jñ
Rainwater	jñ	jñ	jñ

Please provide information on the key problems or benefits that you foresee

39. In your opinion, if climate change is predicted to result in a significant *decrease in rainfall* for the area defined in Section 3, how would that affect the vulnerability to failure of the drinking-water supply options? (please select one only per row)

	Increased vulnerability	Decreased vulnerability	No change
Piped water supply	jñ	jñ	jñ
Public standpipes	jñ	jñ	jñ
Borehole	jñ	jñ	jñ
Protected dug well	jñ	jñ	jñ
Protected spring	jñ	jñ	jñ
Unprotected well	jñ	jñ	jñ
Unprotected spring	jñ	jñ	jñ
Untreated surface water	jñ	jñ	jñ
Rainwater	jñ	jñ	jñ

Please provide information on the key problems or benefits that you foresee

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40. In your opinion, if climate change is predicted to result in a significant *increase in the frequency and severity of storms* for the area defined in Section 3, how would that affect the vulnerability to failure of the drinking-water supply options? (please select one only per row)

	Increased vulnerability	Decreased vulnerability	No change
Piped water supply	jñ	jñ	jñ
Public standpipes	jñ	jñ	jñ
Borehole	jñ	jñ	jñ
Protected dug well	jñ	jñ	jñ
Protected spring	jñ	jñ	jñ
Unprotected well	jñ	jñ	jñ
Unprotected spring	jñ	jñ	jñ
Untreated surface water	jñ	jñ	jñ
Rainwater	jñ	jñ	jñ

Please provide information on the key problems or benefits that you foresee

41. In your opinion, if climate change is predicted to result in a significant *increase in rainfall* for the area defined in Section 3, how would that affect the vulnerability to failure of the sanitation options? (please select one only per row)

	Increased vulnerability	Decreased vulnerability	No change
Connection to a public sewer	jñ	jñ	jñ
Pour-flush latrine	jñ	jñ	jñ
Connection to a septic system	jñ	jñ	jñ
Ventilated improved pit latrine	jñ	jñ	jñ
Service or bucket latrines	jñ	jñ	jñ
Public latrines	jñ	jñ	jñ
Open latrines	jñ	jñ	jñ
Open defaecation	jñ	jñ	jñ

Please provide information on the key problems or benefits that you foresee

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42. In your opinion, if climate change is predicted to result in a significant *decrease in rainfall* for the area defined in Section 3, how would that affect the vulnerability to failure of the sanitation options? (please select one only per row)

	Increased vulnerability	Decreased vulnerability	No change
Connection to a public sewer	jñ	jñ	jñ
Pour-flush latrine	jñ	jñ	jñ
Connection to a septic system	jñ	jñ	jñ
Ventilated improved pit latrine	jñ	jñ	jñ
Service or bucket latrines	jñ	jñ	jñ
Public latrines	jñ	jñ	jñ
Open latrines	jñ	jñ	jñ
Open defaecation	jñ	jñ	jñ

Please provide information on the key problems or benefits that you foresee

43. In your opinion, if climate change is predicted to result in a significant *increase in the frequency and severity of storms* for the area defined in Section 3, how would that affect the vulnerability to failure of the sanitation options? (please select one only per row)

	Increased vulnerability	Decreased vulnerability	No change
Connection to a public sewer	jñ	jñ	jñ
Pour-flush latrine	jñ	jñ	jñ
Connection to a septic system	jñ	jñ	jñ
Ventilated improved pit latrine	jñ	jñ	jñ
Service or bucket latrines	jñ	jñ	jñ
Public latrines	jñ	jñ	jñ
Open latrines	jñ	jñ	jñ
Open defaecation	jñ	jñ	jñ

Please provide information on the key problems or benefits that you foresee

9. Changing drinking-water supply and sanitation options

This section refers to the drinking-water supply and sanitation options selected in Section 7. Are these changing, or likely to change in the near future?

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44. How is the use of drinking water-supply options changing? (please select one only per row)

	Increasing use	Decreasing use	No change
Piped water supply	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public standpipes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Borehole	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Protected dug well	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Protected spring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unprotected well	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unprotected spring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Untreated surface water	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rainwater	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

45. What are the drivers behind the changes in use of drinking-water supplies? (if there is more than one, please rank according to importance, with 1 being the most important driver)

	1 - Most important	2	3	4	5	6	7	8	9 - Least important
Economy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ease of use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improved technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community preferences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Risk assessments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Government policy/legislation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NGO policy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

46. Is your answer for the previous two questions based on: (select as many as are appropriate)

☐ Referenced report (if available, please add)
 ☐ Discussion with local community
 ☐ Own perception
 ☐ Monitoring data

☐ Other (please specify)

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47. How is the use of sanitation options changing? (please select one only per row)

	Increasing use	Decreasing use	No change
Connection to a public sewer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pour-flush latrine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Connection to a septic system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ventilated improved pit latrine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Service or bucket latrines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public latrines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Open latrines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Open defaecation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

48. What are the drivers behind the changes in use of the sanitation options? (if there is more than one, please rank according to importance, with 1 being the most important driver)

	1 - Most important	2	3	4	5	6	7	8	9 - Least important
Economy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ease of use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improved technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community preferences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Risk assessments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Government policy/legislation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NGO policy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

49. Is your answer for the previous two questions based on: (select as many as are appropriate)

☐ Referenced report (if available, please add)
 ☐ Discussion with local community
 ☐ Own perception
 ☐ Monitoring data

☐ Other (please specify)

10. Policy issues

This section relates to government, NGO and other policies in place or in draft that relate to the implementation of drinking-water supply and sanitation options.

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50. For drinking-water supply options, are the relevant policies (please select as many as relevant):

	Adequate for present climate conditions	Adequate for predicted climate conditions	Inadequate for present climate conditions	Inadequate for predicted climate conditions	Don't know	No policy
Government policy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NGO policy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other policy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

51. For sanitation options, are the relevant policies (please select as many as relevant):

	Adequate for present climate conditions	Adequate for predicted climate conditions	Inadequate for present climate conditions	Inadequate for predicted climate conditions	Don't know	No policy
Government policy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NGO policy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other policy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

52. For the area defined in Section 3, are you aware of any policies (governmental, NGO or other) in place or in draft that deal with issues surrounding potential climate changes and drinking-water and sanitation options?

☐ Yes

☐ No

If Yes, please give details

53. Are you aware of any planned changes to policy in the area of drinking-water supply and sanitation in response to climate change: (only one answer per row)

	Has been reviewed	Under review	Planned review	No review	Don't know
Drinking-water supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sanitation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

54. Give your view as to how policies are being implemented in the area defined in Section 3 with respect to drinking-water supply and sanitation to address climate change. Please specify whether these are government, NGO or other policies.