**Household questionnaire survey**

Module: Water

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| **No.** | **Condition & Question** | **Responses** |
| 1 | Do you use different water sources for drinking, cooking and bathing? | Yes/No |
| 2 | **If the answer to Q1 is yes:** How many different sources of water supply you have? |  |
| 3 | **For each of the water source:** what is the type of the water source? | From, Piped into dwelling (11),Piped into compound, yard or plot (12),Piped to neighbour (13),Public tap / standpipe (14),Tube Well, Borehole (21),Protected well(31),Unprotected well (32),Protected spring (41),Unprotected spring (42),Rainwater collection(51),Tanker-truck(61),Cart with small tank / drum(62),Water kiosk (72),Surface water (river, stream, dam, lake, pond, canal, irrigation channel) (81),Bottled water (91),Sachet water (92),Other-specify (99) |
| 4 | **For each of the water source:** Who is the water provider |  |
| 5 | **For each of the water source:** Please indicate the water source on the map |  |
| 6 | **For each of the water source:** What do you mainly use this water source for? (please choose any relevant answer) | Drinking, Cooking, washing |
| 7 | **For each of the water source:** How frequently is this water supplied? | Daily (1), Every other day (2), Don’t Know (9999), Other (99) |
| 8 | **For each of the water source:** Cost per month (INR) | 0000 if free, 9999 if Don't Know |
| 9 | **For each of the water source:** Volume of daily consumption (in litres) |  |
| 10 | **For each of the water source:** Did your household experience any water shortage from this source in the last year? | Yes/No |
| 11 | **For each of the water source: If yes to Q10:** Shortage in the last year (specify months, or if not applicable) |  |
| 12 | **For each of the water source:** what alternative source do you use if shortage? | From, Piped into dwelling (11),Piped into compound, yard or plot (12),Piped to neighbour (13),Public tap / standpipe (14),Tube Well, Borehole (21),Protected well(31),Unprotected well (32),Protected spring (41),Unprotected spring (42),Rainwater collection(51),Tanker-truck(61),Cart with small tank / drum(62),Water kiosk (72),Surface water (river, stream, dam, lake, pond, canal, irrigation channel) (81),Bottled water (91),Sachet water (92),Other-specify (99) |
| 13 | **For each of the water source: if there is an alternative water source:** Please indicate the alternative water source on the map |  |
| 14 | **For each of the water source: if there is an alternative water source:** How much has this alternative cost? (INR) | 0000 if free, 9999 if Don't Know |
| 15 | Is water collected by someone for the household? | Yes/No |
| 16 | Who is mainly responsible for fetching water for the household? | source myself (or a member of the HH) (1), via a friend (2), via a relation outside my HH (3), via a seller (4), via a utility (5) |
| 17 | Does the colour and cleanliness of the water that you receive vary in your area in any particular period? | Yes/No |
| 18 | Please specify periods where you experience poor water quality | Throughout the year (1), Monsoon period (2), Summer season (3), No specific period (4) |
| 19 | Do you use any purification or treatments to improve the quality? | Yes/No |
| 20 | What do you do? (please choose all relevant) | Boil (1), use alum (2), add bleach/chlorine tablets (3), strain through a cloth (4), use water filter (5), use electric purifier (6), let it stand and settle (7) |
| 21 | How much do you spend monthly (in INR) on average for the purification or treatments? |  |
| 22 | How much do you willing to pay monthly (in INR) for an improved water service? |  |
| 23 | How frequently did you notice any eutrophication or algal blooms in water bodies in your area? |  |

Module: Crop Production

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| No. | **Condition** &Question | Response(s) |
| 1 | Did your household consume rice in the last week? | Yes/No |
| 2 | How much rice did your household consume last week? | kg (This question is not asked due to a mistake in coding) |
| 3 | Where did you collect the majority of rice from? Please mark where on the map | MAP |
| 4 | Did you get rice from? (repeat for different crop types) | source myself (or a member of the HH) (1), via a friend (2), via a relation outside my HH (3), via a seller (4) |
| 5 | **If the answer to Q4 is NOT source:** Where do you think the rice you originally came from? Please mark where on the map | MAP |
| 6 | **If the answer to Q4 is NOT source:** How much rice did you purchase last week? | kg |
| 7 | **If the answer to Q6 is NOT zero:** How much did you pay per kg? | INR |
| 8 | **If the answer to Q6 is NOT zero:** How much of rice was given free to your household in the last week? | kg |
| 9 | **For each crop:** Was there any excess of rice last year? If so which months of the year? |  |
| 10 | **For each crop:** Was there any scarcity of rice last year? If so which months of the year? |  |

Module: Wild goods

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| No. | **Condition** &Question | Response(s) |
| 1 | Did your household use fuelwood or charcoal last week? | Yes/No |
| 2 | **For each wild good:** How much fuelwood or charcoal did your household use last week? (repeat for different wild good types) | kg |
| 3 | **For each wild good:** Where did you collect the majority of fuelwood or charcoal from? Please mark where on the map (repeat for different wild good types) | MAP |
| 4 | **For each wild good:** Did you get fuelwood or charcoal from? (repeat for different wild good types) | source myself (or a member of the HH) (1), via a friend (2), via a relation outside my HH (3), via a seller (4) |
| 5 | **If the answer to Q4 is NOT source:** Where do you think the fuelwood or charcoal, you were given or purchased originally came from? Please mark where on the map (repeat for different wild good types) | MAP |
| 6 | **If the answer to Q4 is NOT source:** How much fuelwood or charcoal did you purchase last week? (repeat for different crop types) | kg |
| 7 | **If the answer to Q6 is NOT zero:** How much did you pay per kg? (repeat for different wild good types) | INR. |
| 8 | **If the answer to Q6 is NOT zero:** How much of fuelwood or charcoal was given to your household in the last week? (repeat for different wild good types) | kg |
| 9 | **For each wild good:** Was there any excess of fuelwood or charcoal last year? If so which months of the year? (repeat for different wild good types) |  |
| 10 | **For each wild good:** Was there any scarcity of fuelwood or charcoal last year? If so which months of the year? (repeat for different wild good types) |  |

Module: Fisheries

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| No. | **Condition** &Question | Response(s) |
| 1 | Do you get fish for your consumption? | Yes/No |
| 2 | **If the answer to Q6 is Yes:** How much fish did your household consume last week? | kg |
| 3 | Where did you collect the fish from? Please mark where on the map | MAP |
| 4 | How did you get fish from? | source myself (or a member of the HH) (1), via a friend (2), via a relation outside my HH (3), via a seller (4) |
| 5 | **If the answer to Q4 is NOT source:** Where do you think the fish, you consume originally came from? Please mark where on the map | MAP |
| 6 | **If the answer to Q4 is NOT source:** How much fish did you purchase last week? | kg |
| 7 | **If the answer to Q6 is NOT zero:** How much did you pay per kg? | INR. |
| 8 | **If the answer to Q6 is NOT zero:** How much of fish was given to your household in the last week? | kg |
| 9 | **For each wild good:** Was there any excess of fish last year? If so which months of the year? |  |
| 10 | **For each wild good:** Was there any scarcity of fish last year? If so which months of the year? |  |

Module: Sediment Regulation

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| No. | **Condition &** Question | Responses |
| 1 | Does deposition of sediment impact you in anyway? | Yes/No |
| 2 | **If the answer for Q1 is Yes:** where did deposition of sediment impact you? (please mark on the map) | MAP |
| 3 | **If the answer for Q1 is Yes:** How did deposition of sediment impact you? | Likert scale (strongly negative to strongly positive) |
| 4 | Does erosion impact you in anyway? | Yes/No |
| 5 | **If the answer for Q4 is Yes:** where did erosion impact you? (please mark on the map) | MAP |
| 6 | **If the answer for Q4 is Yes:** How did erosion impact you? | Likert scale (strongly negative to strongly positive) |

Module: Sanitation

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| No. | **Condition &** Question | Responses |
| 1 | Where do you defecate most usually? Which best describes this location? | Household toilet (1), Community toilet (2), Public toilet (3), Open defecation (4), Other please specify (for e.g. indoors without toilet system) (99) |
| 2 | **If the answer for Q2 is a type of toilet:** what types of toilet you use daily? | Flush to piped sewer system (11), Flush to septic tank (12), Flush to pit latrine (13), Flush to open drain (14), Flush to Don't Know where (18), Pit latrine with slab (22), Pit latrine without slab/ Open pit (23), Composting toilet (31), Twin pit with slab (32), Twin pit without slab (33), Bucket (41), Hanging toilet/ hanging latrine (51), No facility / Bush / Field (95), Other (specify) (99) |
| 3 | Please indicate the location of where you defecate most usually on the map | Map |
| 4 | how often do you use this location? | twice a day/three times a day/ 4- 5 times a day/ more than 5 times a day |
| 5 | Has your sanitation facility (notably pit latrine or septic tank or composting toilets and twin pits) ever been emptied? |  |
| 6 | **If the answer for question 5 is Yes:** The last time it was emptied, where were the contents emptied to? |  |
| 7 | **If the answer for question 5 is Yes:** Who emptied it? Please specify |  |
| 8 | **If the answer for question 5 is Yes:** How much did it cost you to empty? |  |
| 9 | How do you dispose of your wastewater from kitchen (grey water)? | Goes into built drain (1), goes into sewerage system (2), goes into open drain (3), Reused (watering plants) (4), Other (Please specify) (99) |
| 10 | Please indicate on the map where you think the wastewater goes to | Map |
| 11 | Do you know if your wastewater is being treated before disposed in nature? | Yes/No |
| 12 | If yes, please specify |  |
| 13 | Do you separate your wet and dry waste before disposal? | Yes/No |
| 14 | **If the answer for question 13 is No:** Where do you dispose of your household mixed waste? | HH bin (1), Community bin (2), Open drain (3), In nearby dumping ground (4), Burn Outdoors (5), Recycling (6), Other (99) |
| 15 | **If the answer for question 13 is No:** Please indicate on the map where you dispose of the waste | Map |
| 16 | **If the answer for question 13 is No:** About how many kgs of this waste does your household produce on a daily basis? |  |
| 17 | **If the answer for question 13 is No:** Please indicate on the map where you think the waste ends up | Map |
|  | How many types of waste you separate? |  |
|  | How satisfied are you of your current waste management service? | 1=Very unsatisfied, 2=Unsatisfied, 3=Satisfied, 4=Very Unsatisfied |
|  | How much money are you willing to pay to have a better service of waste management? (in INR) |  |
|  | **If the answer for question 13 is Yes:** What is the waste type | Wet (1), dry (2) |
|  | **If the answer for question 13 is Yes:** **for each waste type:** Where do you dispose of the waste? |  |
|  | **If the answer for question 13 is Yes:** **for each waste type:** Please indicate on the map where you dispose of the waste | Map |
|  | **If the answer for question 13 is Yes:** **for each waste type:** About how many kgs of this waste does your household produce on a daily basis? |  |
|  | **If the answer for question 13 is Yes:** **for each waste type:** Is the waste collected at your household? | Yes/No |
|  | **If the answer for question 13 is Yes:** **for each waste type:** Who collects the waste from your household? |  |
|  | **If the answer for question 13 is Yes:** **for each waste type:** Please name the agency they belong to |  |
|  | **If the answer for question 13 is Yes:** **for each waste type:** Do you have to pay for the collection? | Yes/No |
|  | **If the answer for question 13 is Yes:** **for each waste type:** If you pay, how much does it cost per month? |  |
|  | **If the answer for question 13 is Yes:** **for each waste type:** Please indicate on the map where you think the waste ends up | Map |

Module: Hazard Mitigation

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| No. | **Condition** & Question | Responses |
| 1 | Have you experienced any <drought/flood> during last year? | Yes/No |
| 2 | **If answer to Q1 is yes:** Please mark <flooded> areas on this map (repeat for different hazard types) | Map |
| 3 | **If answer to Q1 is yes: W**hat was the cause? (repeat for different hazard types) | List of common causes (deforestation, etc) |
| 4 | **If answer to Q1 is yes:** Was there any losses of crops/ equipment/buildings/contents of buildings/life due to floods last year. If so, how much was the cost of money? (repeat for different hazard types) | INR. |
| 5 | **If answer to Q1 is yes:** Do you have any flood protection structures or drought mitigate measures (tanks) built in the village? If so, how much did it cost? | INR. |

Module: Recreation

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| No. | Question | Responses |
| 1 | What areas have you visited for recreation in the past week? (Please mark on the map) | Map |
| 2 | How much time you spend there in an average week? | hours |
| 3 | How much you spend on those places per visit? | INR. |

Module: Aesthetics

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| No. | Question | Responses |
| 1 | What areas around you do you consider beautiful? (Please mark on the map) | Map |
| 2 | Do you need to visit these areas in order to appreciate the beauty? | Yes – you need to see it  No – the knowledge they exist is enough |
| 3 | How much time you spend there in an average week? | hours |
| 4 | How much you spend on those places per visit? | INR. |

Module: Spirituality

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| No. | Question | Responses |
| 1 | What areas around give you sense of peace/contentment/mindfulness/personal happiness/religious purposes? (Please mark on the map) | Map |
| 2 | Do you need to visit these areas in order to benefit? | Yes – you need to visit it  No – the knowledge they exist is enough |
| 3 | How much time you spend there in an average week? | hours |
| 4 | How much you spend on those places per visit? | INR. |