

HOUSEHOLD QUESTIONNAIRE

WHY

The aim of the questionnaire is to gather information on the livelihood strategies and environmental management practices used by peri-urban dwellers, and their autonomous adaptation strategies to environmental changes.

The questionnaire is structured around four main areas of investigation:

1. Rural-urban interaction (economic flows, the flow of resources and socio-cultural relations, movement of people): interdependencies and relationships between peri-urban areas and the city centre and between peri-urban areas and rural areas (regions);
2. Access to resources (land, water, energy, shorelines, sea, raw materials etc.);
3. Environmental management. The aim, on the one hand, is to identify resource use and the management regime, and on the other hand, to identify obstacles and opportunities in autonomous adaptation to environmental change in peri-urban areas;
4. Climate change: environmental transformations and autonomous adaptation strategies. The aim is to improve understanding of the environmental changes observed by residents of peri-urban areas, their perception of the causes of these changes and the strategies they have implemented to address them in both the short and medium-term.

WHO AND WHERE

The targeted households are those in the coastal plain, with socio-economic and cultural heterogeneity (different education, income, etc.), who are stably settled (at least 5 years), and whose livelihoods are dependent on both urban and rural activities and resources. The households are selected randomly throughout the coastal plain.

Peri-urban areas are areas with a prevalence of low-medium density settlements where livelihoods are partly or totally dependent on direct access to natural resources.

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There are 73 questions in this survey

STRUCTURAL DATA/SAMPLE CHARACTERISTICS

1 Q0: POSITION OF HOUSE

Please write your answer(s) here:

Nothings

Eastings

2 TYPE OF PLOTPlease choose **only one** of the following:

- Surveyed
- Unsurveyed

3 Interviewer (Name and surname)

Please write your answer here:

4 Compiler of questionnaire (name and surname)

Please write your answer here:

5 Location**Q1: IN WHICH MTAA DO YOU LIVE?**

Please write your answer here:

6 Household Determination**Q2: WHICH GENDER ARE YOU?**Please choose **only one** of the following:

- FEMALE
- MALE

7**Q3. HOW MANY PEOPLE IN YOUR FAMILY?**

Please write your answer here:

(n. people, included the interviewed)

8**Q4. HOW OLD ARE YOU?**

Please write your answer here:

(years old at the questionnair date)

9 Cash-Noncash Income Generating Activities**Q5:HOW MUCH IS YOUR INCOME/MONTHLY CASH FLOW?**

Please write your answer here:

(TZS*)

10 Q6: WHAT IS YOUR MAIN SOURCE OF INCOME?Please choose **all** that apply:

- Agriculture (specify crop) (kilimo na aina ya mazao)
- Livestock (specify animal) (ufugaji na aina ya mifugo)
- Charcoal making (uchomaji mkaa)
- Fishing
- Shop/small business
- Emploment in urban area (institution; shop, ect)
- Other:

11 Q7a: DO YOU WORK IN FARMING AS A SECONDARY JOB?Please choose **only one** of the following:

- YES
- NO

12 Q7b: DO YOU WORK IN EXCHANGE FOR FOOD OR GOODS?Please choose **only one** of the following:

- YES
- NO

13 Education

Q8: WHAT IS YOUR EDUCATION LEVEL?

Please choose only one of the following:

- Primary education (STD I - VII)**
- Secondary education - ordinary level (Form I to Form IV)**
- Secondary education - advanced level (Form V to Form VI)**
- University education - Bsc degree**
- University education - Mcs degree**
- other certificate**

RURAL-URBAN INTERACTIONS

14 Migration

Q9: HOW LONG HAVE YOU LIVED HERE?

Please write your answer here:

(years)

15 Q10: WHERE DID YOU LIVE BEFORE?

Please choose only one of the following:

- The same district (ndani ya wilaya ya Kinondoni, Ilala o Temeke)
- The same region (Dar Es Salaam) (ndani ya mkoa wa Dar es Salaam)
- Other regions (mikoa mingine)
- Other

Other (kuingineko)

16 Q11: WHICH REGION OF TANZANIA DO YOU COME FROM?

Please write your answer here:

17 Q12: WHY DID YOU MOVE HERE?

Please choose all that apply:

- looking for more area for animal husbandry and/or agriculture
- bought a pice of land
- looking for job/employment
- transfer (employment)
- looking for self employment
- for government decisions
- business purpose
- family (to visit relatives)
- Other:

18 Q13: DID YOU MOVE HERE ALONE OR WITH YOUR FAMILY?

Please choose only one of the following:

- alone**
- with family**

19 Rural activities

Q14: WHAT ACTIVITY DO YOU DO THE MOST IN YOUR PLACE?

Please choose all that apply:

- Agriculture (specify crop) (kilimo na aina ya mazao)**
- Livestock (specify animal) (ufugaji na aina ya mifugo)**
- Charcoal making (uchomaji mkaa)**
- Fishing (Uvuvi)**
- Shop/small business (Duka/Biashara ndogondogo)**
- Other (nyinginezo)**

20

Q15: WHAT OTHER ACTIVITY DO YOU REGURARLY DO IN YOUR PLACE?

Please choose all that apply:

- Agriculture (specify crop) (kilimo na aina ya mazao)**
- Livestock (specify animal) (ufugaji na aina ya mifugo)**
- Charcoal making (uchomaji mkaa)**
- Fishing**
- Shop/small business**
- Employment in urban area (institution; shop, ect)**
- Other (nyinginezo)**

21 Q16: WHAT CROP DO YOU GROW?

Please choose all that apply:

- cassava**
- maize**
- potatoes**
- oragnge**
- mango**
- banana**
- coconut**
- papaya**
- mchicha**

- sugar canne**
- tomato**
- pumpkin**
- rise**
- pinapple**
- other vegetables**
- other fruit**

22

Q17: WHAT LIVESTOCK/ANIMALS DO YOU RAISE?

Please choose all that apply:

- cattle**
- goat**
- pig**
- chickens**
- donkeys**
- dog**
- duck**
- Other:**

23

Relationship with the city

Q18:HOW OFTEN DO YOU GO TO THE CITY CENTER?

Please choose only one of the following:

- about once a day (Kama mara moja kwa siku)**
- about once a week (Kama mara moja kwa wiki)**
- about twice a month (Kama mara mbili kwa mwezi)**
- rarely (kwa nadra)**

24

Q19: FOR WHAT REASON DO YOU GO TO THE CITY CENTER?

Please choose all that apply:

- work**
- selling**
- shopping**

health services **education** **Other:** **25****Q20: WHAT MEAN OF TRANSPORT DO YOU USE THE MOST TO GO TO THE CITY CENTER?****Please choose only one of the following:**

- Daladala (or other bus/minibus) (Daladala)**
- Motorcycle (pikipiki, Bajaji)**
- Car (gari)**
- Bicycle (baiskeli)**
- Foot (kwa miguu)**
- Other (njia nyingine kama zipo)**

26**Q21: WHAT OTHER MEAN OF TRANSPORT DO YOU USE?****Please choose only one of the following:**

- Daladala (or other bus/minibus) (Daladala)**
- Motorcycle (pikipiki, Bajaji)**
- Car (gari)**
- Bicycle (baiskeli)**
- Foot (miguu)**
- Other (njia nyingine kama zipo)**

27**Q22: WOULD YOU LIKE TO MOVE TO THE CITY CENTRE?****Please choose only one of the following:**

- YES**
- NO**

ACCESS TO RESOURCES

28

Land Characteristics and Land Tenure

Q23.DO YOU OWN LAND?

Please choose only one of the following:

- YES
 NO

29

Q24: DID YOU BUY THE PIECE OF LAND YOU LIVE ON?

Please choose only one of the following:

- YES
 NO

30

Q25: DO YOU HOLD A TITLE DEED FOR YOUR LAND? (Je! Una hati miliki ya kiwanja?)

Please choose only one of the following:

- YES
 NO

31

Q26: HOW LARGE IS THE PIECE OF LAND ON WHICH YOU LIVE?

Please write your answer here:

(hectares)

32

Q27: DO YOU PAY ANY TAX/FEE FOR LAND/HOUSE ?

Please choose only one of the following:

- YES
 NO

33**Q28:HOW MUCH DO YOU SPEND FOR LAND/HOUSE TAXES A MONTH?**

Please write your answer here:

(TZS)

34**Access to water resources****Q29:DO YOU PAY ANY TAX/FEE FOR WATER?**

Please choose only one of the following:

- YES
- NO

35**Q30:HOW MUCH DO YOU SPEND FOR WATER A MONTH?**

Please write your answer here:

(TZS)

36**Access to solid waste collection services****Q31: DO YOU PAY ANY TAX/FEE FOR WASTE COLLECTION?**

Please choose only one of the following:

- YES
- NO

37**Q32: HOW MUCH DO YOU SPEND FOR WASTE COLLECTION A MONTH?**

Please write your answer here:

(TZS)

38**Access to electricity****Q33:DO YOU PAY ANY TAX/FEE FOR ELECTRICITY SUPPLY?****Please choose only one of the following:**

- YES**
- NO**

39**Q34: HOW MUCH DO YOU SPEND FOR ELECTRICITY A MONTH?****Please write your answer here:****(TZS)****40****Q35:DO YOU PAY ANY TAX/FEE FOR WASTEWATER COLLECTION?****Please choose only one of the following:**

- YES**
- NO**

41**Q36:HOW MUCH DO YOU SPEND FOR WASTEWATER COLLECTION A MONTH?****Please write your answer here:****(TZS)**

RESOURCES MANAGEMENT

42

Water management

Q37:WHAT IS YOUR MAIN WATER SOURCE?

Please choose only one of the following:

- street vendors
- neighbour's source (eg. pipeline)
- spring/stream or ground pit
- well
- pipeline
- Other

43

Q38:WHERE DO YOU RESTOCK WATER?

Please choose only one of the following:

- Tank (tenki)
- Buket (Ndoo ya lita 20)
- Concrete underground tank
- Other containers (vyombo vingine)

44

Q39:HAVE YOU ANOTHER WATER STORAGE SYSTEM, IF YES WHICH ONE?

Please choose only one of the following:

- Tank (tenki)
- Buket (Ndoo ya lita 20)
- Concrete underground tank
- Other containers (vyombo vingine)

45

Q40:WHAT IS YOUR WATER STORAGE CAPACITY IN LITERS

Please write your answer here:

(liters)

46

Energy management

Q41: IS YOUR HOUSE CONNECTED TO THE ELECTRICITY SUPPLY NETWORK?

Please choose only one of the following:

- YES
- NO

47

Q42a:WHAT SOURCE OF ENERGY YOU USE FOR COOKING?

Please choose only one of the following:

- Charcoal
- Kerosene
- Electricity
- Gas (LPG)
- Other

48 Q42b: DO YOU USE ANY OTHER SOURCE OF ENERGY SUCH US FUEL, WOOD ECC?

Please choose only one of the following:

- YES
- NO

49

Q42c: WHAT SOURCE OF ENERGY YOU USE FOR LIGHT?

Please choose only one of the following:

- Electricity
- Kerosene lamp
- Charcoal
- other

50

Solid waste management services

Q43:WHO COLLECTS YOUR SOLID WASTE (GARBAGE)?

Please choose only one of the following:

- Company (public or private collection) (serikali au kampuni binafsi)**
- Street collectors**
- Individual collection (binafsi)**
- Other (nyinginezo)**

51

Q44:WHERE DO YOU DISPOSE YOUR SOLID WASTE (GARBAGE)?

Please choose only one of the following:

- crude dumping**
- burning**
- burying**
- landfill**
- Don't know**
- other (nyinginezo)**

52

Q45: HOW MUCH SOLID WASTE (GARBAGE) DO YOU PRODUCE A DAY?

Please choose only one of the following:

- 1 bucket (20L) [up to one] (ndoo 1)**
- 1-3 bucket [from 1 to 3] (ndoo 1- 3)**
- More than 3 bucket (zaidi ya ndoo 3)**

53

Q46:DO YOU RECYCLE/REUSE/SELL YOUR SOLID WASTE (GARBAGE) IN WHOLE OR PART?

Please choose only one of the following:

- YES**
- NO**

54

Resources management (wastewater)

Q47:WHO COLLECTS YOUR WASTEWATER?

Please choose only one of the following:

- Public or private collection (serikali au kampuni binafsi)**

- Individual collection (binafsi) (pit latrine/Septic tank)**
- Sewerage System**
- Other (nyinginezo)**

55

Q48:WHERE DO YOU DISCHARGE YOUR WASTEWATER?

Please choose only one of the following:

- pit latrina**
- VIP latrina**
- Septick tank**
- Sewerage System**
- other**

56

Q49:DO YOU RECYCLE/REUSE/SELL YOUR WASTEWATER/SUDGE IN WHOL OR IN PART?

Please choose only one of the following:

- YES**
- NO**

CLIMATE CHANGE ADAPTATION

57

Observed climate changes

Q50: HAVE YOU NOTICED ANY CHANGES IN WATER AVAILABILITY IN THE PAST YEARS?

Please choose only one of the following:

- no
- yes, increasing
- yes, decreasing
- yes, decreasing a lot

58

Q51: HAVE YOU NOTICED ANY CHANGES IN SOIL FERTILITY IN THE PAST YEARS?

Please choose only one of the following:

- no
- yes, increasing
- yes, decreasing
- yes, decreasing a lot

59

Q52: HAVE YOU NOTICED ANY CHANGES IN SOIL ARIDITY IN THE PAST YEARS?

Please choose only one of the following:

- no
- yes, increasing
- yes, decreasin
- yes, decreasing a lot

60

Q53: HAVE YOU NOTICED ANY CHANGES IN AIR HUMIDITY IN THE PAST YEARS ?

Please choose only one of the following:

- no
- yes, increasing
- yes, decreasing
- yes, decreasing a lot

61**Q54: HAVE YOU NOTICED ANY CHANGES IN RAINFALL PATTERNS IN THE PAST YEARS?****Please choose only one of the following:**

- no
- yes, increasing
- yes, decreasing
- yes, decreasing a lot
- yes, changes in seasonal rainfall patterns

62**Q55: HAVE YOU NOTICED ANY OTHER ENVIRONMENTAL CHANGES (SEA LEVEL RISE, BIODIVERSITY, ETC.) IN THE PAST YEARS?****Please choose only one of the following:**

- no
- yes
- yes a lot

63**Autonomous adaptation strategies****Q56: HAVE YOU MADE ANY CHANGES IN THE KIND OF ACTIVITY THAT YOU USUALLY DID IN YOUR PLACE AND/OR IN THE TIME THAT YOU DEDICATE DO IT?****Please choose only one of the following:**

- YES
- NO

64**Q57: HAVE YOU MADE ANY CHANGES IN THE CROP(S) YOU GROW?****Please choose only one of the following:**

- YES
- NO

65**Q58: HAVE YOU MADE ANY CHANGES IN THE TYPE OF LIVESTOCK YOU RAISE?****Please choose only one of the following:**

YES

NO

66

Q59: HAVE YOU SWITCHED TO OTHER INCOME GENERATING ACTIVITIES?

Please choose only one of the following:

YES

NO

67

Q60: HAVE YOU MADE ANY CHANGES IN YOUR HOUSE/LAND?

Please choose only one of the following:

YES

NO

68

Q61: DO YOU HAVE A STRATEGY TO COPE WITH FUTURE ENVIRONMENTAL CHANGES THAT COULD THREATEN YOUR LIVELIHOOD/PLACE (drought, flooding, ...)?

Please choose only one of the following:

YES

NO

69

Q62: WHAT TYPE OF STRATEGIES DO YOU HAVE?

Please choose all that apply:

start a business

get a loan (credit)

continue with the same changes (in livestock and crop)

intensify or engage in agricultural activities/livestock keeping

look for a temporary job

move to another place

other

70**Causes of climate change****Q63: IN YOUR OPINION, ARE THE CHANGES YOU NOTICED MAINLY RELATED TO CLIMATE CHANGE?****Please choose only one of the following:**

- YES
- NO

71**Q64: IN YOUR OPINION, ARE THE CHANGES YOU NOTICED MAINLY HUMAN-RELATED?****Please choose only one of the following:**

- YES
- NO

72**Q65: IN YOUR OPINION, ARE THE CHANGES YOU NOTICED MAINLY RELATED TO INADEQUATE ENVIRONMENTAL MANAGEMENT BY LOCAL INSTITUTIONS?****Please choose only one of the following:**

- YES
- NO

73**Q66: IN YOUR OPINION, ARE THE CHANGES YOU NOTICED MAINLY RELATED TO OTHER CAUSES (LIKE EL NINO, TZUNAMI, ETC)?****Please choose only one of the following:**

- YES
- NO

01.01.1970 - 01:00

Submit your survey.

Thank you for completing this survey.