

HOUSEHOLD QUESTIONNAIRE

Subject: Study of solid waste generated by a domestic system (biodegradable & nonbiodegradable) and its impact on land degradation

Bachelor of Science in BOTANY (Semester V)
Krishna Chandra College
Hetampur, Birbhum

- Participation in the study is completely voluntary and written informed consent will be obtained.
- The questionnaire is to be answered by the owner of the house.
- Before starting to answer the questions, Please go through the instructions relevant to each question and identify the correct answer for each question.

Details of Respondent(s):

Name of the

respondent Rubel Akhter

Name of the Village, block & sub-division Vill: Illambazar, Block: Illambazar
Sub-division: Bolpur.

Name of the interviewer

Fauzila Khatun

Date 24.11.21

The information requested is purely for academic purpose and will be treated confidentially. Thank you for accepting the Questionnaire

General Information

Please put ✓ in the appropriate box/boxes for your answer

1. Sex

- 1. Male
- 2. Female

2. Please mark your age group in the appropriate box.

- 1. 15-17
- 2. 18-29
- 3. 30-39
- 4. 40-49
- 5. 50-59
- 6. 60-64
- 7. 65 and over

3. How many people are currently living in this house?

..... 3 people

4. How many are less than 15 years:

..... No one

5. How many are more than 15 years: all of three

6. How long have you lived in This City?

- 1. Less than one year (12 months)
- 2. 1-2 years
- 3. 3-4 years
- 4. 5-9 years
- 5. 10-19 years
- 6. 20 years or more

7. What is your highest educational level?

- 1. Never Schooled
- 2. Primary
- 3. Middle school
- 4. High School
- 5. University graduate
- 6. Vocational training
- 7. Other

8. What is your major occupation?

- 1. Farming
- 2. Business
- 3. Government servant
- 4. Other

Solid waste management

"Solid Waste" means left-over arising from human, animal or plant activities that are normally discarded as useless"

9. Have you ever heard about solid waste management?

- 1. Yes
- 0. No

If yes, in what way? (One or more answers)

- 1. over radio
- 2. Over TV
- 3. In public meeting
- 4. In school
- 5. On poster
- 6. Other.....

10. Have you ever been educated on proper waste disposal by the council?

- 1. Yes
- 0. No

11. What type of solid waste comes out from your household? (One or more answers)

- 1. Paper and carton
- 2. Plastics (bags/bottles)
- 3. Food waste
- 4. Tins/cans
- 5. Fiber bags
- 6. Glass
- 7. Other.....

12. In what type of container do you collect waste? (One or more answers)

- 1. Carton
- 2. Waste Basket
- 3. Old bucket
- 4. Plastic bag
- 5. Tin/can
- 6. Other.....

13. How often is the waste container emptied?

- 1. Once a day
- 2. Once in two days
- 3. Once in three days
- 4. Once a week
- 5. Other.....

14. Where do you usually put away collected wastes?

- 1. In the public bin
- 2. In the itinerant waste van
- 3. By the valley/lake side/river
- 4. By the road or street side
- 5. On an open space
- 6. In a hole in own compound
- 7. Other.....

15. Are there any public bins near your house?

- 1. Yes
- 0. No

If yes, How long does it take to get there?

- 1. 5- 10min
- 2. 11- 15min
- 3. 16- 20min
- 4. 21-25min
- 5. Other.....

16. If there are public bins, how often are the nearest public bins emptied?

- 1. Once a week
- 2. Twice a week
- 3. Thrice a week
- 4. Everyday
- 5. Don't know
- 6. Other.....

17. How can you describe the state of the public bin near your house? (One or more answers).

- 1. Rusting/ rotting
- 2. In a good state
- 3. Adequate size
- 4. Not in a good condition
- 5. Inadequate
- 6. Don't know
- 7. Other.....

18. Do you think the waste disposal method is a problem in your neighborhood?

- 1. Yes
- 0. No

19. What problems do you think exist in your area as for waste management?

- a. From the Dark flowing water produced mosquito
- b. It causes disease in plant, human animal.
- c. Released bad odour.
- d.
- e.

20. How do you evaluate the state of solid waste collection in your House area?

- 1. Good
- 2. Fair
- 3. Not good
- 4. Don't have

21. Do you know if there is a waste management center in your locality?

- 1. Yes
- 0. No

22. Are you satisfied with the waste management processes of your locality?

- 1. Yes
- 0. No

23. Have you ever heard about the importance of recycling?

- 1. Yes
- 0. No

24. If yes, Do you agree to Solid waste recycling?

- 1. Yes
- 0. No
- 2. Not Sure

25. If a recycling programme was set up, would you be willing to separate materials into separate bags for collection purposes?

- 1. Yes
- 0. No
- 2. Don't know

26. Please explain why the Solid Waste Management is important to you?

If the solid waste can't managed it can be released in different toxic chemical & gases which causes global warming.

27. What do you suggest your local govt. to resolve solid waste problems?

I have to suggest to our local govt. to collect the solid waste & recycle it.

Environmental Impact

Environment" Means: *The living and non-living surroundings, natural or man-made, which make life on earth possible.*

28. Do you know about environmental impact of solid waste?
 1. Yes 0. No
29. Do you ever notice waste in the road, land or and public area?
 1. Yes 0. No
30. Do you ever notice waste in water recourses such as the rivers, lakes, sea etc..?
 1. Yes 0. No
31. Do you ever notice burning waste in public area?
 1. Yes 0. No
32. Did you ever hear of health problems due to solid waste?
 1. Yes 0. No
33. Do you notice the presence of the following in and around public waste bin or dumping land? (*One or more answers*)
- 1. Dark flowing water
 - 2. Odour
 - 3. Mosquitoes and cockroaches
 - 4. Fire
 - 5. Domestic animals
 - 6. Rats
 - 7. Scavengers
 - 8. Other.....

Please tell how concerned you are about these Issues in the table.

	I. Concerned	Not Concerned
34. How concerned are you about environmental pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>
35. How concerned are you about the health impact of waste?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
36. How concern are you about Sustainable Development	<input checked="" type="checkbox"/>	<input type="checkbox"/>

37. Would you personally say the solid waste is a major issue currently affecting your locality ?

1. Yes 0. No

38. Do you think there is enough information available about the environmental impacts of Solid waste in your area?

1. Yes 0. No

39. Do you think most environmental issues in your locality could be minimized if solid waste is managed properly?

1. Yes 0. No

40. Do you agree that the new development process has impact on solid waste generation in your area?

1. Yes 0. No 2. Don't Know

41. Overall, how would you rate the quality of the environment in your locality as compared to the environment you had 5 years ago

1. much better
 2. a little better,
 3. the same
 4. a little worse
 5. much worse

Sustainable development

Sustainable Development means: "Promoting development at a rate and such a way as to ensure that the quality of the environment and the supply of the resource is maintain and, wherever practicable, enhanced to meet the needs of the present generations without compromising future generations 'need'".

42. Have you heard of "Sustainable development"?

1. Yes 0. No

43. Are you aware of sustainable development in your locality ?

1. Yes 0. No

44. Can you explain the importance of sustainable development for you?

Sub Sustainable development helps to
going green & mainly preserve the natural
resources for future generation

45. Do you think Solid waste management has impact on sustainable development?

1. Yes 0. No

46. Do you agree that solid waste management should be developed in your locality for Sustainable Development?

1. Yes 0. No

47. Do you believe that there should be environmental conservation for sustainable development?

1. Yes 0. No

What is the reason for your answer?

Due to Sustainable development we replant
forest, preserve wetlands & protect natural area
from resource harvesting. So, at the end our
environment also be conserved.

48. Do you agree that every single person has a responsibility to contribute to sustainable development

1. Yes 0. No

49. Finally. Please tell me, are you satisfied with the waste management process in your locality?

1. Yes 0. No

Thank you for your participation!!!

S. Sahay
07/11/21

HOUSEHOLD QUESTIONNAIRE

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Details of Respondent(s):

Name of the

respondent Swarna Mondal

Name of the Village, block & sub-division vill: Illambazar, block: Illambazar
sub division: Bolpur.

Name of the interviewer

Farida Khatur

Date 24.11.21

EXAMINED

The information requested is purely for academic purpose and will be treated confidentially. Thank you for accepting the Questionnaire

General Information

Please put ✓ in the appropriate box/boxes for your answer

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- 2. Female

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- 1. 15-17
- 2. 18-29
- 3. 30-39
- 4. 40-49
- 5. 50-59
- 6. 60-64
- 7. 65 and over

3. How many people are currently living in this house?

..... 6 people

4. How many are less than 15 years:

..... One (1)

5. How many are more than 15 years:..... five (5)

6. How long have you lived in This City?

- 1. Less than one year (12 months)
- 2. 1-2 years
- 3. 3-4 years
- 4. 5-9 years
- 5. 10-19 years
- 6. 20 years or more

7. What is your highest educational level?

- 1. Never Schooled
- 2. Primary
- 3. Middle school
- 4. High School
- 5. University graduate
- 6. Vocational training
- 7. Other.....

8. What is your major occupation?

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- 3. Government servant
- 4. Other.....

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If yes, in what way? (One or more answers)

- 1. over radio
- 2. Over TV
- 3. In public meeting
- 4. In school
- 5. On poster
- 6. Other.....

10. Have you ever been educated on proper waste disposal by the council?

- 1. Yes
- 0. No

11. What type of solid waste comes out from your household? (One or more answers)

- 1. Paper and carton
- 2. Plastics (bags/bottles)
- 3. Food waste
- 4. Tins/cans
- 5. Fiber bags
- 6. Glass
- 7. Other.....

12. In what type of container do you collect waste? (One or more answers)

- 1. Carton
- 2. Waste Basket
- 3. Old bucket
- 4. Plastic bag
- 5. Tin/can
- 6. Other.....

13. How often is the waste container emptied?

- 1. Once a day
- 2. Once in two days
- 3. Once in three days
- 4. Once a week
- 5. Other.....

14. Where do you usually put away collected wastes?

- 1. In the public bin
- 2. In the itinerant waste van
- 3. By the valley/lake side/river
- 4. By the road or street side
- 5. On an open space
- 6. In a hole in own compound
- 7. Other.....

15. Are there any public bins near your house?

- 1. Yes
- 0. No

If yes, How long does it take to get there?

- 1. 5- 10min
- 2. 11- 15min
- 3. 16- 20min
- 4. 21-25min
- 5. Other.....

16. If there are public bins, how often are the nearest public bins emptied?

- 1. Once a week
- 2. Twice a week
- 3. Thrice a week
- 4. Everyday
- 5. Don't know
- 6. Other.....

17. How can you describe the state of the public bin near your house? (One or more answers).

- 1. Rusting/ rotting
- 2. In a good state
- 3. Adequate size
- 4. Not in a good condition
- 5. Inadequate
- 6. Don't know
- 7. Other.....

18. Do you think the waste disposal method is a problem in your neighborhood?

- 1. Yes
- 0. No

19. What problems do you think exist in your area as for waste management?

- a. Dirty - this in turn leads Water Pollution & Soil Pollution.
- b. It also can causes different types of disease.
- c. It also decrease the land values.
- d.
- e.

20. How do you evaluate the state of solid waste collection in your House area?

- 1. Good
- 2. Fair
- 3. Not good
- 4. Don't have

21. Do you know if there is a waste management center in your locality ?

- 1. Yes
- 0. No

22. Are you satisfied with the waste management processes of your locality ?

- 1. Yes
- 0. No

23. Have you ever heard about the importance of recycling?

- 1. Yes
- 0. No

24. If yes, Do you agree to Solid waste recycling?

- 1. Yes
- 0. No
- 2. Not Sure

25. If a recycling programme was set up, would you be willing to separate materials into separate bags for collection purposes?

- 1. Yes
- 0. No
- 2. Don't know

26. Please explain why the Solid Waste Management is important to you?

Solid waste management is extremely important in our community dirty & mainly because it will prevent our household from experiencing the hazardous outcome of solid waste material.

27. What do you suggest your local govt. to resolve solid waste problems ?

I have to suggest our local Govt. that dirty we have to collect solid waste in an used bucket from our whole area then the all used bucket's solid waste have to place in an suitable land away from our locality & then we have to covered with earth at the end of the working day.

Environmental Impact

Environment" Means: *The living and non-living surroundings, natural or man-made, which make life on earth possible.*

28. Do you know about environmental impact of solid waste?
 1. Yes 0. No
29. Do you ever notice waste in the road, land or and public area?
 1. Yes 0. No
30. Do you ever notice waste in water recourses such as the rivers, lakes, sea etc..?
 1. Yes 0. No
31. Do you ever notice burning waste in public area?
 1. Yes 0. No
32. Did you ever hear of health problems due to solid waste?
 1. Yes 0. No
33. Do you notice the presence of the following in and around public waste bin or dumping land? (One or more answers)
- 1. Dark flowing water
 - 2. Odour
 - 3. Mosquitoes and cockroaches
 - 4. Fire
 - 5. Domestic animals
 - 6. Rats
 - 7. Scavengers
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EXAMINE

Please tell how concerned you are about these Issues in the table.

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- 1. Yes
- 0. No

38. Do you think there is enough information available about the environmental impacts of Solid waste in your area?

- 1. Yes
- 0. No

39. Do you think most environmental issues in your locality could be minimized if solid waste is managed properly?

- 1. Yes
- 0. No

40. Do you agree that the new development process has impact on solid waste generation in your area?

- 1. Yes
- 0. No
- 2. Don't Know

41. Overall, how would you rate the quality of the environment in your locality as compared to the environment you had 5 years ago

- 1. much better
- 2. a little better,
- 3. the same
- 4. a little worse
- 5. much worse

Sustainable development

Sustainable Development means; "Promoting development at a rate and such a way as to ensure that the quality of the environment and the supply of the resource is maintain and, wherever practicable, enhanced to meet the needs of the present generations without compromising future generations 'need",

42. Have you heard of "Sustainable development"?

- 1. Yes
- 0. No

43. Are you aware of sustainable development in your locality ?

- 1. Yes
- 0. No

44. Can you explain the importance of sustainable development for you?

Due to the sustainable development we use available natural resources with maintaining the ecological balance.

45. Do you think Solid waste management has impact on sustainable development?

1. Yes 0. No

46. Do you agree that solid waste management should be developed in your locality for Sustainable Development?

1. Yes 0. No

47. Do you believe that there should be environmental conservation for sustainable development?

1. Yes 0. No

What is the reason for your answer?

The main AIM of Sustainable development is to conserve natural resources for future generation due to this obviously environment also be conserved.

48. Do you agree that every single person has a responsibility to contribute to sustainable development

1. Yes 0. No

49. Finally, Please tell me, are you satisfied with the waste management process in your locality?

1. Yes 0. No

Thank you for your participation!!!

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Name of the respondent Saddam Hossain

Name of the Village, block & sub-division Vill: Jallambazar. Block: Jallambazar
Sub-division: Bolpur.

Name of the interviewer Fauzida Khatun

Date 24.11.21



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..... only one (1)

5. How many are more than 15 years:

..... six (6) person

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- b. It causes ~~the~~ bad odour
- c.
- d.
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25. If a recycling programme was set up, would you be willing to separate materials into separate bags for collection purposes?

- 1. Yes
- 0. No
- 2. Don't know

26. Please explain why the Solid Waste Management is important to you?

It solid management happened in proper manner. It causes soil pollution, water pollution, due to this our health will be suffer for different types of disease.

27. What do you suggest your local govt. to resolve solid waste problems ?

I have to suggest our local govt. to collect all the solid waste from our locality reuse or recycle it. So, It doesn't impact our environment.

Environmental Impact

Environment" Means; *The living and non-living surroundings, natural or man-made, which make life on earth possible.*

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- 1. Yes
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- 1. Yes
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32. Did you ever hear of health problems due to solid waste?

- 1. Yes
- 0. No

33. Do you notice the presence of the following in and around public waste bin or dumping land? (One or more answers)

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1. Yes 0. No 2. Don't Know

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 4. a little worse
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Sustainable development

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42. Have you heard of "Sustainable development"?

1. Yes 0. No

43. Are you aware of sustainable development in your locality ?

1. Yes 0. No

44. Can you explain the importance of sustainable development for you?

Sustainable development improves the quality of our lives, protects our ecosystem & preserved natural resources.

45. Do you think Solid waste management has impact on sustainable development?

1. Yes 0. No

46. Do you agree that solid waste management should be developed in your locality for Sustainable Development?

1. Yes 0. No

47. Do you believe that there should be environmental conservation for sustainable development?

1. Yes 0. No

What is the reason for your answer?

Due to, Sustainable development we use natural resources for in limiting amount so our future generation also can use the natural source. So, at the last environment also be conserved.

48. Do you agree that every single person has a responsibility to contribute to sustainable development

1. Yes 0. No

49. Finally, Please tell me, are you satisfied with the waste management process in your locality?

1. Yes 0. No

Thank you for your participation!!!

