

## **Rufford Foundation funded wattled crane and wetland conservation project in Jimma area**

### **General Instructions for filling the questionnaire**

Dear respondent, this questionnaire is developed to assess local community perception and knowledge of environment and biodiversity issues. We assure that the data provided by you shall be used only to determine and evaluate the local community knowledge and perception of general environmental issues. The information provided and identify of respondent will be kept confidential during reporting and publishing the findings at local and international level. This questionnaire has three parts

- Part I: General information
- Part II: Basic environmental and biodiversity conservation questions
- Part III: Perception items

**Part I: General information**

Name of respondent \_\_\_\_\_ (if volunteer to provide)

1. Age of respondent: \_\_\_\_\_
2. Sex of respondent: Male/Female
3. Marriage status of respondent:
  - a. Married,
  - b. Unmarried,
  - c. Divorced
  - d. Widowed
4. Areas of childhood spent (where did you grow)?
  - a. Urban
  - b. Semi-urban
  - c. Rural
5. Residence origin?
  - a. Native origin residents
  - b. Migrated from somewhere
6. Family size (number) \_\_\_\_\_
7. Land holding size (ha) \_\_\_\_\_
8. Education (grade) \_\_\_\_\_
9. Religious affiliation
  - a. Muslim
  - b. Christian
  - c. Other
10. What is your occupation?
  - a. Farmer
  - b. Student
  - c. Civil servant
  - d. Merchant
11. What is your the primary source of environmental information?
  - a. TV/ Radio
  - b. Internet/newspaper
  - c. Classes/courses
  - d. Friends/ relatives
12. How much do you feel about your understanding (knowledge) of environmental issues?

- a. High
- b. Medium
- c. Low

**Part II: Basic environmental and biodiversity conservation questions**

**Instruction 2: Dear respondent please try to answer the following questions to the best of your knowledge of environmental issues, make circle to your best answer.**

1. Different varieties of life living in variety of environments is a simple definition as ?
  - a. Ecosystem
  - b. Biodiversity
  - c. Biological community
  - d. Don't know
  
2. What are the major sources of pollution to water body (streams, rivers) in Jimma?
  - a. Waste disposal from urban areas
  - b. Agricultural wastes
  - c. Runoff water from crop lands
  - d. All
  
3. The current estimate of Ethiopia population is how many? .
  - a. 90 million
  - b. 70 million
  - c. Above 100 million
  - d. Don't know
  
4. The current estimate of world population is how many? .
  - a. 3.0 billion
  - b. 7 billion
  - c. 10 billion
  - d. Don't know
  
5. Global climate change is the warming of our planet Earth, a process also known as global warming. Which of the following better represents its cause(s)?
  - a. Ozone layer depletion
  - b. Fossil fuel consumption
  - c. Carbon dioxide (CO<sub>2</sub>) emission
  - d. All of the above
  
6. What is the most common cause for plant and animal species to become extinct?
  - a. Predation by other species
  - b. Habitat loss and fragmentation
  - c. Temperature change
  - d. Competition between species
  
7. From where does most of the energy that Ethiopians use for cooking, heating & lighting?
  - a. Fossil fuels (disle/gasoil)
  - b. Wind power

- c. Hydro power
  - d. Fuel wood
  - e. Don't know
8. Which of the following is a non-renewable natural (environmental) resource?
- a. Endemic animals/plants
  - b. Fresh water
  - c. Fossil fuel/Oil
  - d. Trees
9. The government of Ethiopia and many stakeholders (including farmers) are talking about sustainable agriculture. What is the aim of sustainable agriculture?
- a. Meet the demand for food at any costs
  - b. Produce enough food while keeping stable economic costs
  - c. Produce enough food while keeping a stable environment
  - d. Meet food demand of the community while keeping health social, economic & ecological environment
10. Many peoples in Ethiopia and other developing world are suffering from hunger. What are the causes?
- a. There is not enough food production to fulfill the global demand
  - b. Food is not equally distributed among, between, and within nations
  - c. Food trade is in hand of international companies
  - d. All of the above
11. Health environment is very important for the wellbeing of people. So, how we can maintain healthy woodlands and forests?
- a. Leave them alone
  - b. Check them every 30 years
  - c. Carefully manage and use them
  - d. Maintain abundant wildlife populations
12. Which one of the following is function of wetlands?
- a. To serve as a sponge, soaking up excessive run-off water
  - b. To filter out run-off water to remove soil & nutrients
  - c. To recharge underground water
  - d. To provide habitat for wildlife

## Part II: Perception items

**Instruction: Dear respondent please try to choose only one answer on your feelings about environment.**

1. All life on Earth has the right to exist regardless of their value to humans
  - a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly disagree
  
2. I am willing to protect endangered animals on my land only if government provides me with some financial incentive.
  - a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly disagree
  
3. Environmental advocators over-exaggerate in justifying the causes of degradation and actions required to manage.
  - a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly disagree
  
4. We all should care about the health of forest, wetlands & grasslands
  - a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly disagree
  
5. I will do my best to protect our environment even if I do not have to change my lifestyle
  - a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly disagree
  
6. I would be willing to do my best to promote the sustainable use of our natural resources.
  - a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree

- e. Strongly disagree
7. Environmental Education should be part of school curriculum (primary - University)
- Strongly agree
  - Agree
  - Neutral
  - Disagree
  - Strongly disagree
8. We should not worry about the future of our environment because we will not see it.
- Strongly agree
  - Agree
  - Neutral
  - Disagree
  - Strongly disagree
9. How other people use their private land is of no concern to me
- Strongly agree
  - Agree
  - Neutral
  - Disagree
  - Strongly disagree
10. Land use plan of government is not my concern, it either supports conservation or not.
- Strongly agree
  - Agree
  - Neutral
  - Disagree
  - Strongly disagree
11. If I were to preserve natural resources on my land, the main reason I would do is to fulfill the needs of future generations
- Strongly agree
  - Agree
  - Neutral
  - Disagree
  - Strongly disagree
12. People tend to exaggerate the effects of run-off on water quality
- Strongly agree
  - Agree
  - Neutral
  - Disagree
  - Strongly disagree
13. People tend to exaggerate the effects of land use change (e.g., deforestation) on environmental

- a. Strongly agree
- b. Agree
- c. Neutral
- d. Disagree
- e. Strongly disagree

14. People tend to exaggerate the effects of wetland conversion to other land use on environmental & biodiversity

- a. Strongly agree
- b. Agree
- c. Neutral
- d. Disagree
- e. Strongly disagree

15. Global warming is largely a worry approach by environmentalists

- a. Strongly agree
- b. Agree
- c. Neutral
- d. Disagree
- e. Strongly disagree

16. If I had to choose between landowner's rights and preserving species, I would choose to preserve species

- a. Strongly agree
- b. Agree
- c. Neutral
- d. Disagree
- e. Strongly disagree

17. The government should set appropriate wetland and biodiversity conservation policy

- a. Strongly agree
- b. Agree
- c. Neutral
- d. Disagree
- e. Strongly disagree

18. The government should properly implement & enforce conservation policy

- a. Strongly agree
- b. Agree
- c. Neutral
- d. Disagree
- e. Strongly disagree

19. During past 50 years, do you think that the overall quality of forest, wetland, soil, & biodiversity has improved

- a. Strongly agree
- b. Agree
- c. Neutral

- d. Disagree
  - e. Strongly disagree
20. In the next 50 years, do you think the overall of forest, wetland, soil,& biodiversity has declined
- a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly disagree
21. It is important to increase knowledge (awareness) of species and its habitat conservation
- a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly disagree
22. My local conservation action is required to conserve biodiversity, habitat and ecosystem
- a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly disagree
23. Environmental protection & biodiversity conservation is responsibility of government
- a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly disagree
24. Wetlands are belongs to the community and the current use is correct in Ethiopia (Jimma)
- a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly disagree
25. Wetlands are useful for society & biodiversity conservation
- a. Strongly agree
  - b. Agree
  - c. Neutral
  - d. Disagree
  - e. Strongly disagree

26. Existence of different plant and animal species is an indicator of environmental health

- a. Strongly agree
- b. Agree
- c. Neutral
- d. Disagree
- e. Strongly disagree

**Thank you lot for your time!**