

Informant Interview Questionnaire

Assessment of Socioeconomic Impacts of Floods in Rusizi District

Case Study: Bugarama Valley, Western Province, Rwanda

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This interview guide is designed to collect expert and institutional perspectives on the causes, impacts, and management of floods in Bugarama Valley. The questionnaire targets key informants such as medical staff, local leaders, NGO representatives, SEDIMAC members, environmental specialists, security organs, and teachers.

All responses will be kept confidential and used strictly for academic research purposes. Participation is voluntary.

SECTION A: IDENTIFICATION INFORMATION

Name of Interviewer: _____

Date: ____ / ____ / 2026

Name of Institution: _____

Position/Title of Respondent: _____

Gender:

☐ Male

☐ Female

Age Group of Respondent:

☐ 18–24

☐ 25–34

☐ 35–44

☐ 45–54

☐ 55+

Sector: _____

Cell: _____

Village: _____

Category of Respondent

☐ Medical Staff

☐ Local Leader

- ☐ NGO/Humanitarian Organization
- ☐ SEDIMAC Member (Sector Disaster Management Committee)
- ☐ Environmental Specialist
- ☐ Teacher
- ☐ Security Organ
- ☐ Other: _____

Years of Experience in this Position:

- ☐ Less than 1 year
- ☐ 1–5 years
- ☐ 6–10 years
- ☐ 11–15 years
- ☐ Above 15 years

SECTION B: FLOOD OCCURRENCE AND CHARACTERISTICS

1. How frequently do floods occur in Bugarama Valley?

- ☐ Every year
- ☐ Several times per year
- ☐ Occasionally
- ☐ Rarely

2. In which months or seasons do floods mostly occur?

- ☐ March–May
- ☐ September–November
- ☐ Other: _____

3. What are the main causes of floods in Bugarama Valley?

- ☐ Heavy rainfall
- ☐ Overflow of rivers
- ☐ Poor drainage systems
- ☐ Wetland degradation
- ☐ Deforestation
- ☐ Settlement in flood-prone areas
- ☐ Climate change
- ☐ Other: _____

4. Which areas/sectors are most affected by floods?

- ☐ Bugarama
- ☐ Muganza
- ☐ Gikundamvura
- ☐ Gitambi
- ☐ Nyakabuye
- ☐ Other: _____

SECTION C: SOCIOECONOMIC IMPACTS OF FLOODS

5. In your experience, what are the major socioeconomic impacts of floods in Bugarama Valley?

- ☐ Damage to houses and infrastructure
- ☐ Destruction of crops
- ☐ Loss of livestock
- ☐ Disruption of businesses and income
- ☐ Population displacement
- ☐ Other: _____

6. Which groups of people are most vulnerable to floods?

- ☐ Farmers
- ☐ Low-income households
- ☐ Children
- ☐ Elderly
- ☐ Women
- ☐ People living in floodplains

7. Which sectors are most affected by floods?

- ☐ Agriculture
- ☐ Health
- ☐ Education
- ☐ Infrastructure
- ☐ Trade/Business

SECTION D: HEALTH IMPACTS

8. Have floods contributed to increased cases of diseases in the community?

- ☐ Yes
- ☐ No

9. If yes, which diseases are commonly reported after floods?

- ☐ Diarrhea
- ☐ Cholera
- ☐ Malaria
- ☐ Skin infections
- ☐ Respiratory infections
- ☐ Other: _____

10. How do floods affect access to healthcare services?

- ☐ Damage to health facilities
- ☐ Disruption of health services
- ☐ Increased patient numbers
- ☐ Difficulty accessing health centers

SECTION E: EDUCATION IMPACTS

11. How do floods affect schools and education in this area?

- ☐ School infrastructure damage
- ☐ School closure
- ☐ Reduced attendance
- ☐ Student displacement

12. Approximately how long do school disruptions last after floods?

- ☐ Few days
- ☐ One week
- ☐ Several weeks

SECTION F: DISASTER MANAGEMENT AND RESPONSE

13. What measures are currently taken to reduce flood risks in Bugarama Valley?

- ☐ Early warning systems
- ☐ River embankments
- ☐ Drainage construction
- ☐ Wetland protection
- ☐ Community awareness programs
- ☐ Relocation from flood-prone areas

14. Which institutions are mainly involved in flood management?

- ☐ Local Government
- ☐ Disaster Management Committees (SEDIMAC)
- ☐ NGOs

- ☐ Community groups
- ☐ National Government

15. What types of assistance are usually provided after floods?

- ☐ Food aid
- ☐ Temporary shelter
- ☐ Cash assistance
- ☐ Medical services
- ☐ Agricultural support

SECTION G: CHALLENGES AND RECOMMENDATIONS

16. What are the major challenges in managing floods in Bugarama Valley?

17. What strategies should be implemented to reduce flood risks?

18. What role should government, NGOs, and communities play in flood risk reduction?

19. Do you have any additional comments or recommendations?
