

Understanding People's Perceptions on Climate change and Disasters in Eco Fragile Mountain Areas of Chamba District, HP

ADARSH SINGH

ROLL NO. 044

MBA –RM08

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Introduction

The existence of human civilization on earth is about 6 thousand years old and they have been evolving from period to period. The abundance of natural resources is taken for granted and exploited to the level that it is dying a slow death and would vanish if not managed sustainably.

Climate change is the variation to the standard temperature, whether extreme cold or hot or rainfall, as compared to the normal scenario.

Different people with diverse backgrounds have their own views on climate change, that could be same or heterogeneous as well. To know everybody's perspective is important because how we see things shape what we choose to do.

Disasters have been increasing at an alarming rate and the most important reason behind it is the climate change from past several years and the communities who resides in the remote mountainous regions are among the most affected people from the disasters like earthquake, floods, landslides, GLOF, avalanche etc

Methodology

Study area – Chamba Valley

Duration – 3 months

The study will be based on the primary as well as the secondary data, this study is based on the various literature review which were based on the study area region of the Chamba and the secondary data collected from various literatures, journals, articles, government website.

For the primary data there will be questionnaire based on the topic of climate change and perception and accordingly the data will be collected through the designed questionnaire and later the data will be analysed with the help of appropriate statistics tools.

Research Question

Q1 – What is the perception and experience of people regarding the disasters in the mountainous regions?

Q2 – How perception can be used to mitigate the climate crisis?

Research Objective

- To understand how the local bodies deal with the disasters.
- To point out the important factors of climate change and disasters.
- To understand the views of communities residing on mountains about the disaster and climate change

Hazard Vulnerability and Risk Profile of Chamba

S.No.	Hazard Category	Risk Analysis
1	Earthquake	Very High
2	Landslide	Very High
3	Forest Fire	High
4	Avalanche	Medium
5	Flood	High
6	Cloudburst	High
7	GLOF	Medium
8	Road Accident	High
9	Drought	Medium

Humanitarian Charter and Minimum Standards in Humanitarian Response

The sphere was created when a group of Non-governmental organizations, Red Crescent movement came together with an aim to improve the quality of the humanitarian responses

The people who gets affected by any disaster or conflict should get a right to live their life with dignity along with the right to assistance

The different category of the people who are most vulnerable during the crisis situation

1. Children
2. Old aged people
3. LGBTQ
4. People with disability
5. Gender based

The Protection Principles

Enhancing safety, right and dignity

Providing impartial assistance

Recovery from physical and psychological effect.

Getting back every kind of rights

Core areas for mitigating the consequences

Water Supply Sanitation and Hygiene Promotion

Food Security and Nutrition

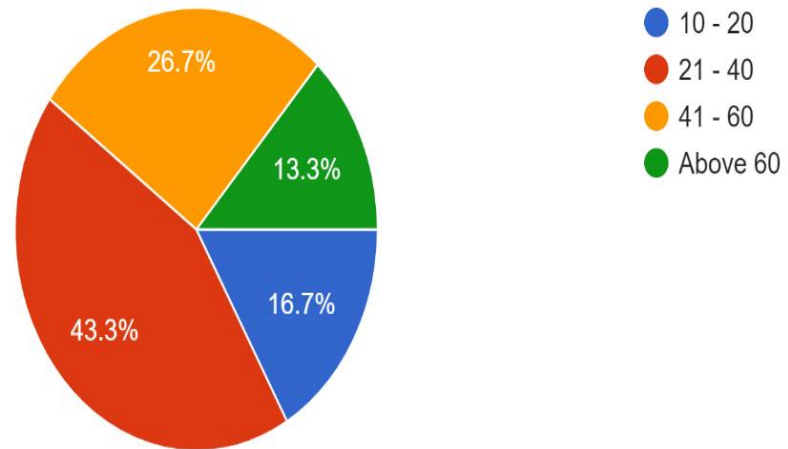
Shelter and Settlement

Healthcare

Data analysis of the survey conducted regarding the experience and effect of disaster on people of Chamba

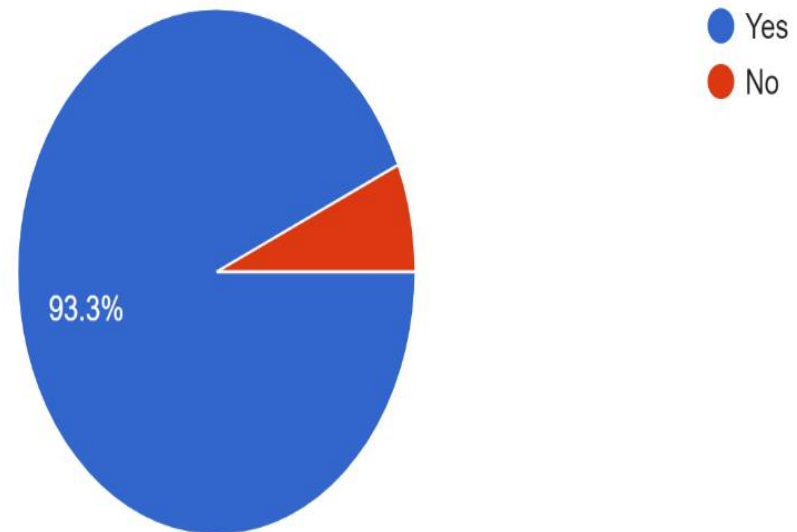
Age

30 responses



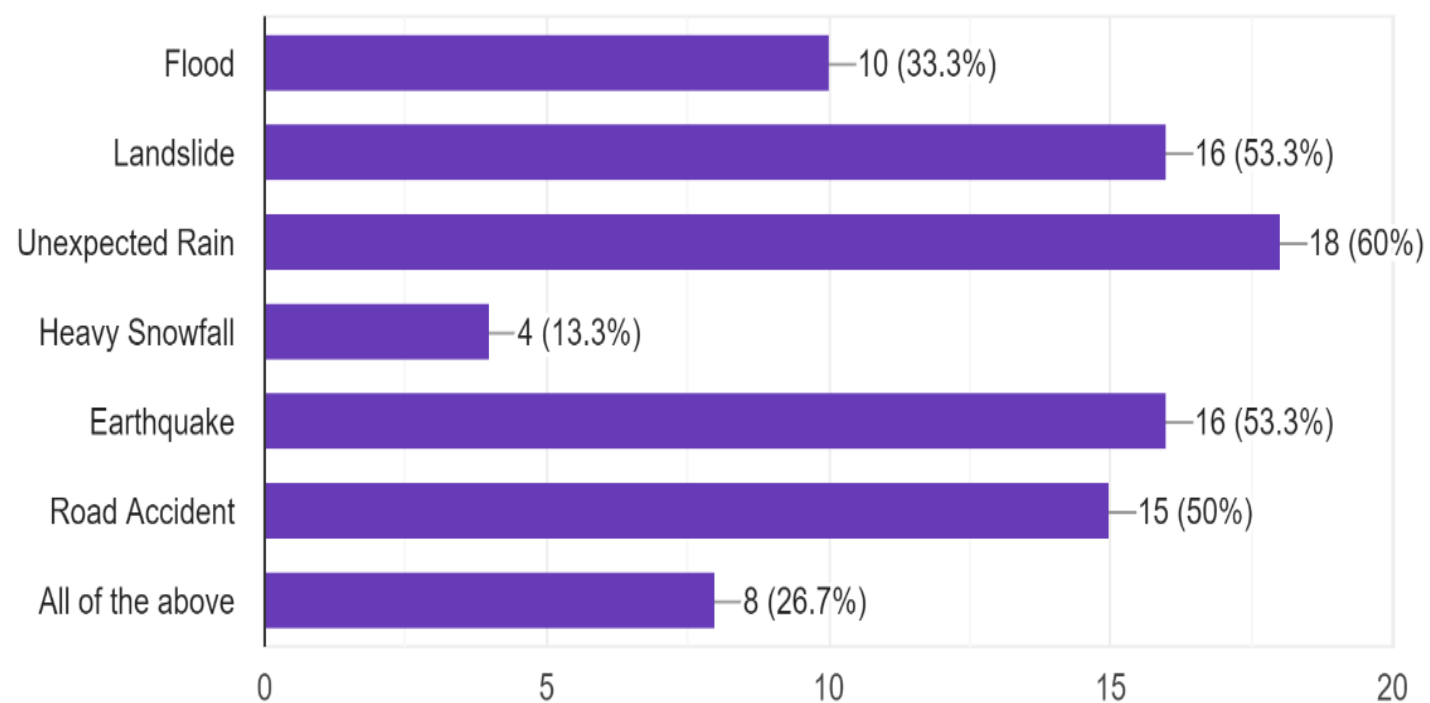
Are you aware about the climate change?

30 responses



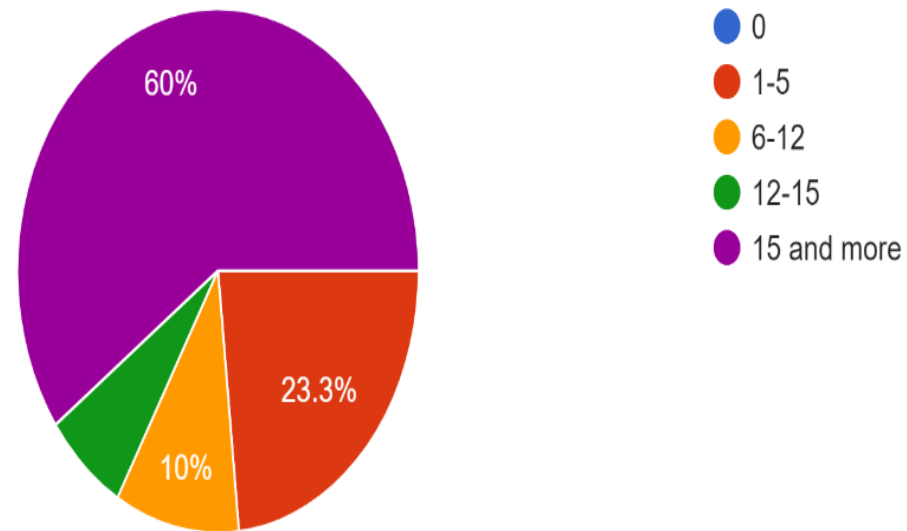
What sort of Catastrophic activities do you observe?

30 responses



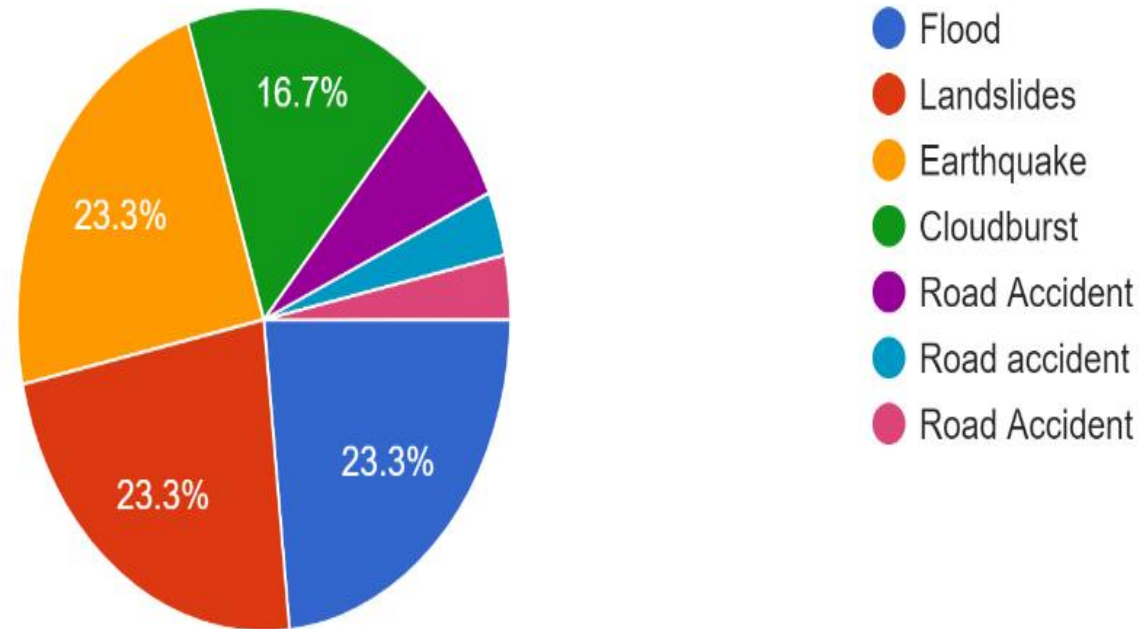
How many times in your lifetime you witnessed any kind of catastrophic activity in Chamba?

30 responses



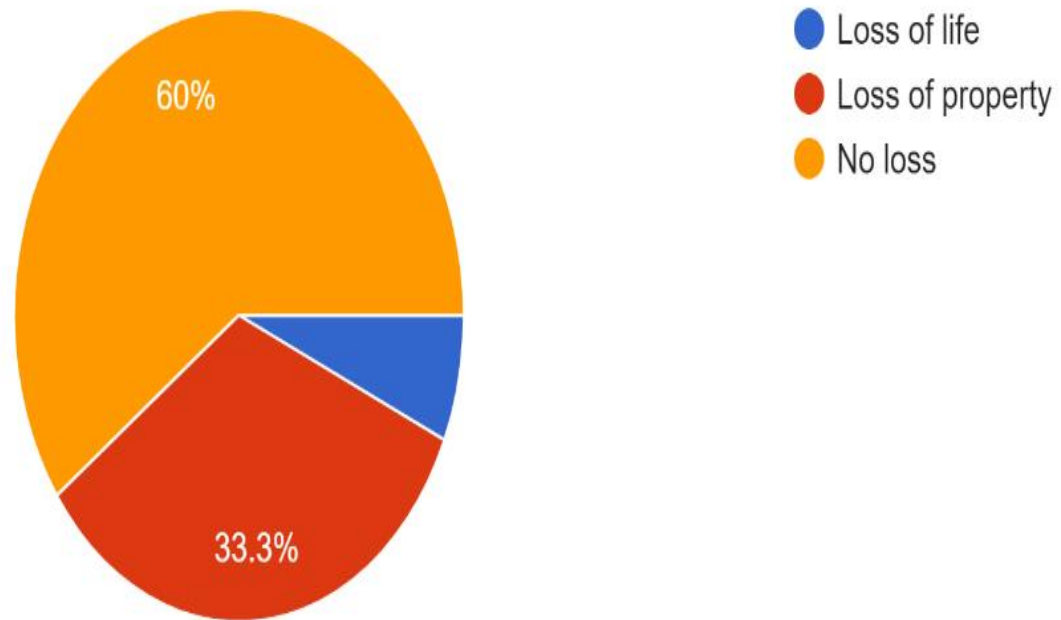
Which catastrophic activity you witnessed was the most threatening?

30 responses



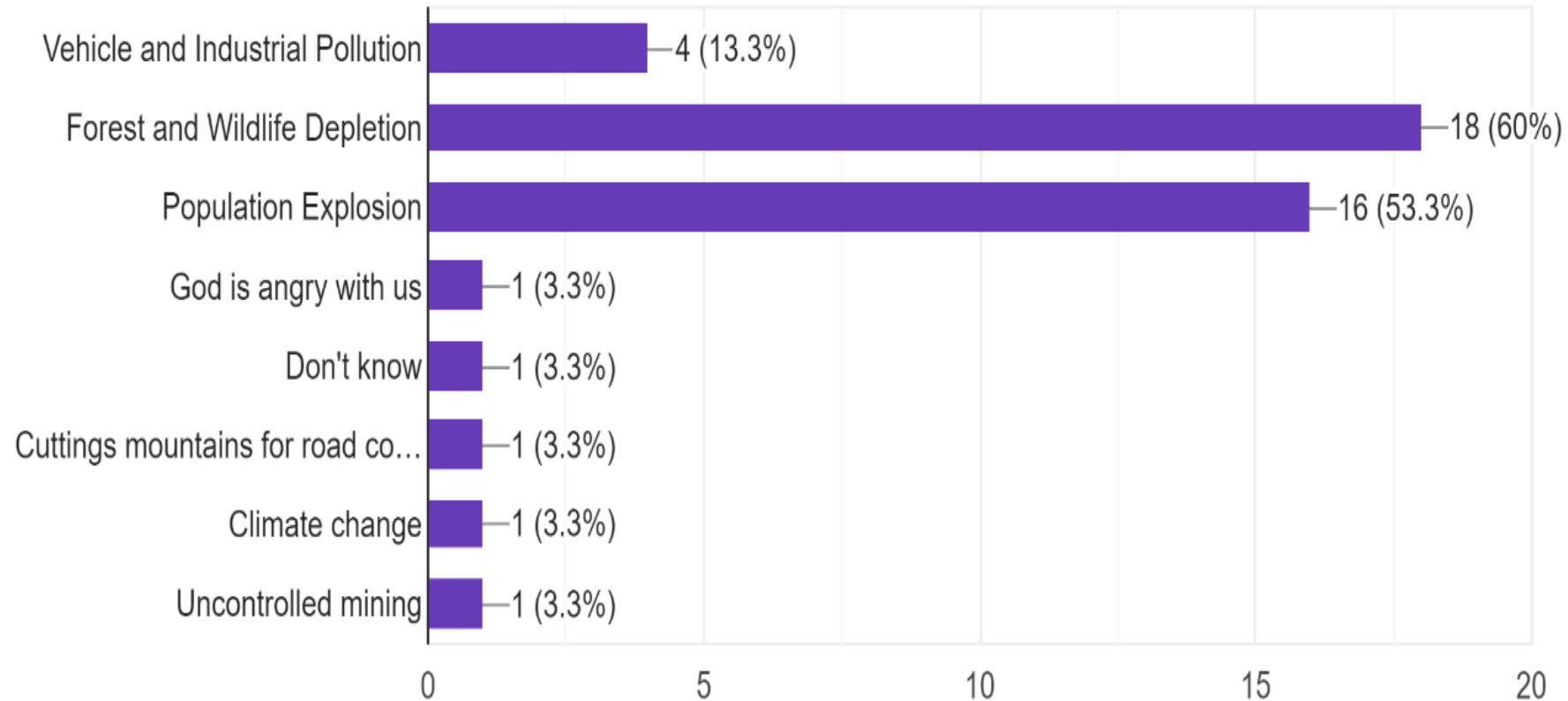
Did you suffered any sort of loss during the disaster?

30 responses



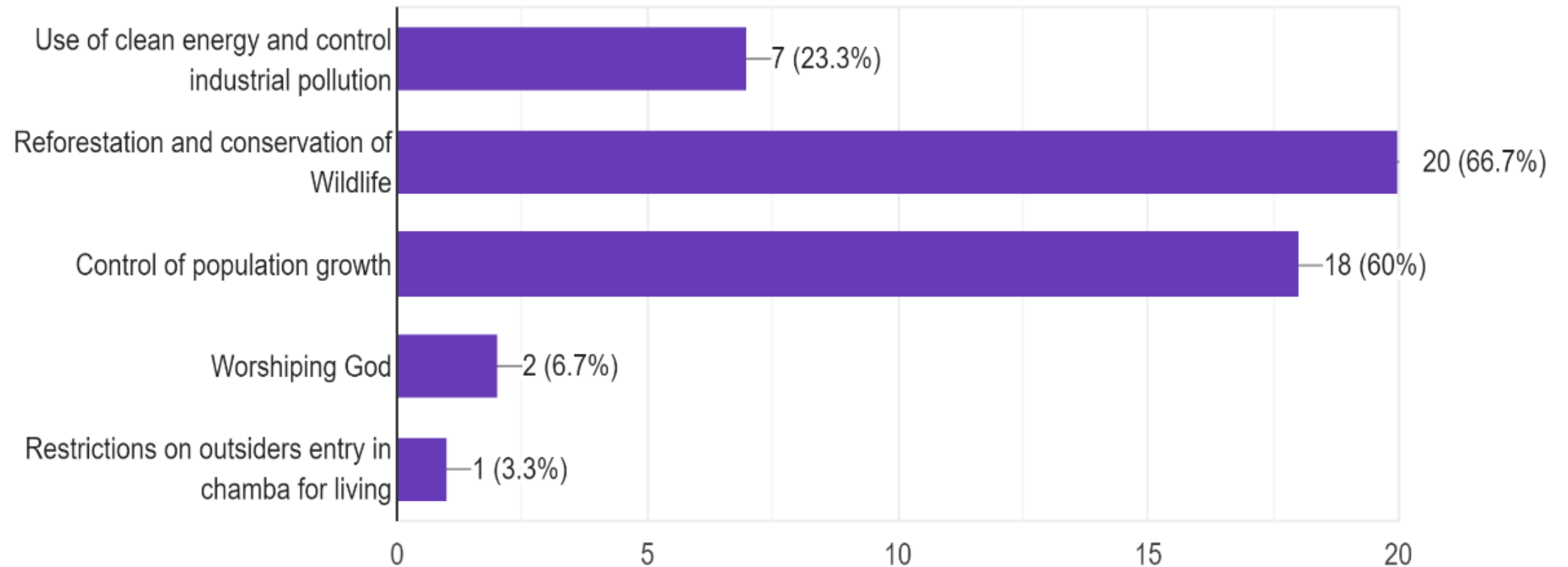
What is the main reason behind unexpected catastrophic activities ?

30 responses



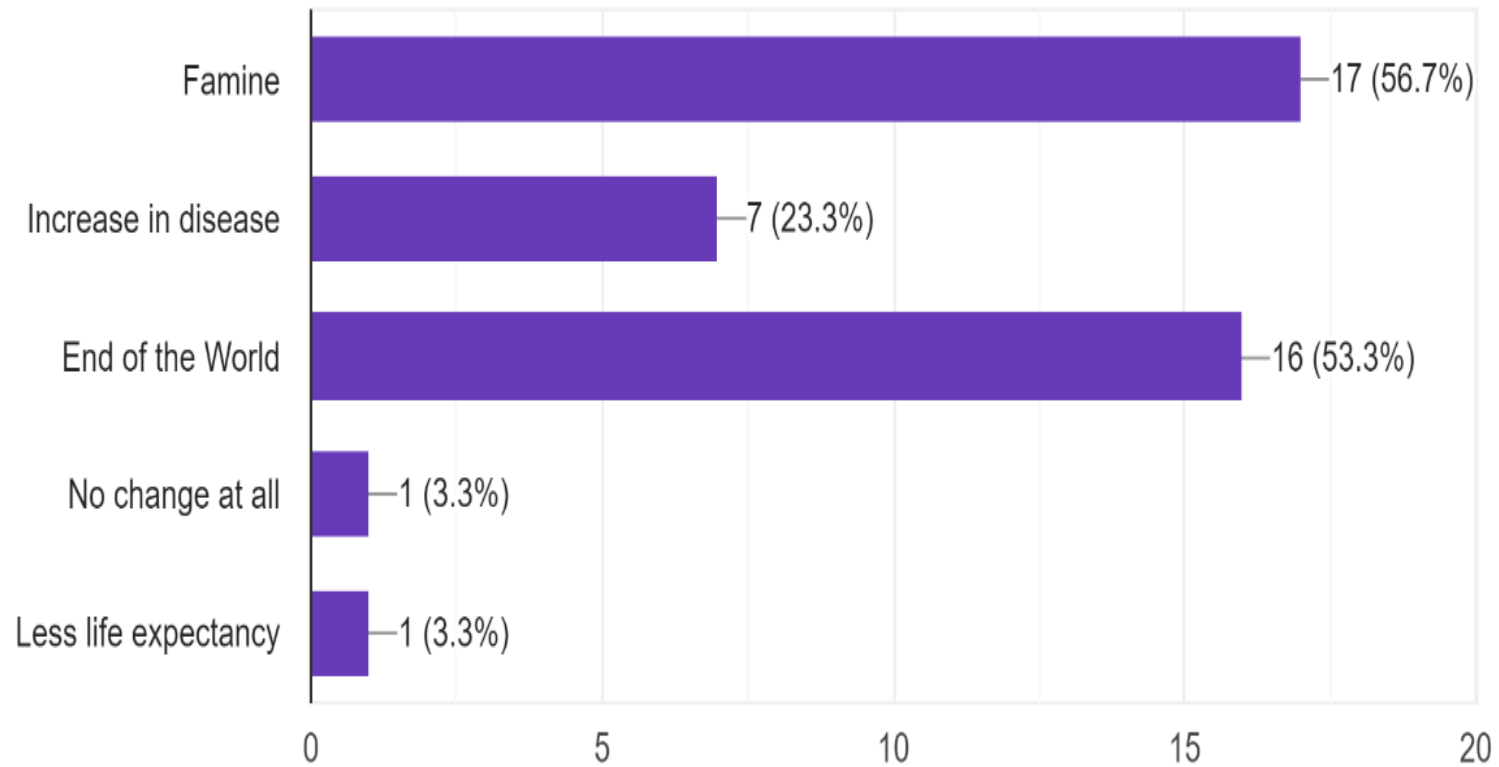
How can we reverse the climate change?

30 responses



What will be the consequences of climate change?

30 responses



Conclusion

A number of catastrophic activities faced on frequent basis

Knowledge and experience rich people

Disaster preparedness and risk reduction

Participation in government interventions

Confidence and better result

Recommendations

Training of local bodies

Vegetation cover increment

Mapping of the sites

Population control programs must be launched and implemented at such areas.

Appropriate design criteria

To make awareness amongst the mass people.

To notify people about the weather forecasting.

To be aware of the loss due to disaster