

Perceived likelihood of hazards ($\alpha = 84\%$)

1. Lava flows from Nyiragongo crater
2. Volcanic fissures in the town
3. Nyiragongo explosive ash
4. Gas emission from Nyiragongo or Nyamulagira
5. Lakeshore explosive eruption
6. Explosions produced by lava entering Kivu lake
7. Emission of toxic gas from lake Kivu

Perceived severity of impacts on the city ($\alpha = 79\%$)

1. Loss of human lives
2. Destruction of neighbourhoods
3. Destruction of essential service buildings
4. Road blockage
5. Massive population migration out of the city
6. Reduction of economic activity in the city

Demographic and contextual factors

1. **Gender**
2. **Age**
3. **Family status**
4. **Education level**
5. **Prior experience**
6. **Transport**
7. **Religion**
8. **Household size**
9. **Household income**

Perceived likelihood of being personally impacted ($\alpha = 85\%$)

1. Damage of your life
2. Destruction of your home
3. Disorganization of your family
4. Loss of relatives' lives
5. Loss of your job
6. Destruction of the school of relatives
7. Destruction of your church

Perceived Severity

Perceived Vulnerability

Risk perception

Psychological and cognitive factors

1. **Availability of environmental cues**
2. **Predictive power of environmental cues**
3. **Comprehension**
4. **Interest in seeking information**
5. **Anxiety**
6. **Trust**

Spatial distribution

1. **8 Neighbourhoods**
2. **Eastern vs Western**