

Risk Assessment Template

Community Emergency Preparedness Plan

1. Introduction

1.1 Purpose: The purpose of this risk assessment is to identify and evaluate potential hazards that could impact the community. The findings will inform the development of the Community Emergency Preparedness Plan.

1.2 Scope: This assessment covers all potential natural, technological, and human-made hazards that may affect the community.

2. Methodology

2.1 Data Collection:

- Review historical data on past emergencies and incidents.
- Conduct surveys and interviews with community members and local experts.
- Analyze geographical and environmental data.

2.2 Risk Analysis:

- Evaluate the likelihood and potential impact of each identified hazard.
 - Prioritize risks based on their overall threat to the community.
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3. Risk Identification

3.1 Natural Hazards:

- Earthquakes
- Floods
- Hurricanes
- Tornadoes
- Wildfires
- Extreme Weather (heatwaves, blizzards, etc.)

3.2 Technological Hazards:

- Power Outages
- Cyber Attacks
- Hazardous Materials Incidents
- Transportation Accidents

3.3 Human-Made Hazards:

- Terrorism
- Civil Unrest
- Pandemics
- Mass Casualty Incidents

4. Risk Evaluation

Hazard	Likelihood (1-5)	Impact (1-5)	Priority (High/Medium/Low)	Mitigation Measures
Earthquake	3	4	High	Building codes, public education
Flood	4	3	High	Flood defenses, early warning systems
Hurricane	2	5	Medium	Evacuation plans, emergency shelters
Tornado	3	3	Medium	Safe rooms, public awareness
Wildfire	2	4	Medium	Firebreaks, community fire safety programs
Extreme Weather	4	2	Medium	Weather alerts, community support systems
Power Outages	5	3	High	Backup generators, energy storage solutions
Cyber Attacks	3	4	High	Cybersecurity measures, incident response plans
Hazardous Materials Incidents	2	4	Medium	Hazardous materials training, response teams
Transportation Accidents	4	2	Medium	Traffic management, emergency medical services
Terrorism	2	5	Medium	Security measures, public awareness
Civil Unrest	3	3	Medium	Law enforcement training, community dialogue
Pandemics	2	5	Medium	Health monitoring, vaccination programs
Mass Casualty Incidents	1	5	Low	Emergency medical response plans

*Likelihood and Impact are rated on a scale from 1 (Low) to 5 (High).

5. Mitigation Strategies

5.1 Structural Mitigation:

- Implement building codes and land use planning.
- Construct flood defenses and safe rooms.

5.2 Non-Structural Mitigation:

- Develop and disseminate public education programs.
- Establish early warning systems and emergency communication networks.

5.3 Preparedness Activities:

- Conduct regular training and drills.
- Develop emergency response and evacuation plans.

5.4 Partnerships and Collaboration:

- Work with local government agencies, non-profits, and businesses.
 - Engage community members in preparedness activities.
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6. Review and Update

6.1 Continuous Improvement:

- Review the risk assessment annually or after major incidents.
- Update the assessment based on new information and feedback.

6.2 Documentation:

- Maintain records of all risk assessments, findings, and updates.
 - Ensure accessibility of documents to authorized personnel.
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7. Appendices

Appendix A: Risk Assessment Survey Template Appendix B: Interview Questions for Community Members Appendix C: Historical Data Summary Appendix D: Geographical and Environmental Data Sources

Prepared by: [Your Name]
Emergency Management Coordinator
[Community Name]
[Date]