

Hazard Risk Profile Template

How to Use the Hazard Risk Profile Template
Hazard Risk Profile Template

How to Use the Hazard Risk Profile Template

The Hazard Risk Profile Template provides you an opportunity to look at your community and identify the hazards that could impact you. The first column is for your overall community rating – is it likely to happen in your community? The remaining columns provide you a chance to look at different areas of your community and the hazards that may affect some parts and not others.

To start, you should consider your community's exposure and risk level overall (complete Overall column). Other than if your assessment is "Could Not Happen Here" you should then proceed to complete the rating for each of the zones that you identified.

There is space here for you to divide your community in up to six zones. These zones should be defined according to your community composition and/or geography (e.g., "Agriculture", "Residential", "Commercial" etc.). Keep in mind the kinds of hazards you will assess against because this may influence how you want to create your zones. "). For your own reference in future, note what boundaries you used to define these zones (e.g., roads, latitude/longitude etc.).

If you only need to use a few zones you can leave some columns blank. Likewise, if you need more than six zones you can add more by making up another sheet to include the extra zones.

You will then rate the level of risk in each zone for each hazard category, selecting from the Hazard Risk Ratings presented. You can write in the level of risk (or an abbreviation) in each square or colour it according to the key provided below.

List the areas for each zone you have chosen (e.g., "Residential" or "Commercial", "Hunting Grounds"). For your own reference in future, note what boundaries you used to define these zones (e.g., roads, latitude/longitude etc.).

Hazard Risk Profile Template

Hazard Risk Rating System
High Risk
Low Risk
Not Applicable
Need More Info

Zone 1 Name, Area	Zone 2 Name, Area	Zone 3 Name, Area
Zone 4 Name, Area	Zone 5 Name, Area	Zone 6 Name, Area

Hazard	Hazard Category	Overall	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Accidents	Airplane Crashes							
	Marine Accidents							
	Motor Vehicle Crashes							
	Train Derailments							
Astronomical	Asteroid, Comet and Meteor Crashes							
	Geo-Magnetic & Ionospheric Storms							
	Space Object Crash							
Atmospheric	Blizzards							
	Climate Change							
	Drought							
	Extreme Cold							
	Fog							

Hazard	Hazard Category	Overall	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
	Frost							
	Hailstorms							
	Heat Waves							
	Hurricanes							
	Ice Fogs, Ice Storms & Freezing Rain							
	Lake-Effect Storms							
	Lightning and Thunderstorms							
	Microbursts							
	Sea Storms and Storm Surges							
	Seiche							
	Snowstorms							
	Tornadoes and Waterspouts							
	Windstorms							
Conflictual Social Action	Conflictual Social Action							
Contamination & Pollution	Air Pollution							
	Soil Contamination							
	Water Contamination							
Dam Failure & Structural Collapse	Dam Failure							
	Structural Collapse – Buildings							
	Structural Collapse – Transportation							
Diseases – Animal, Human, Plant & Infestations	Diseases – Animals – Air & Water							
	Diseases – Animals – Human Transmitted							

Hazard	Hazard Category	Overall	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
	Diseases – Animals – Animal Transmitted							
	Diseases – Human – Air and Water Transmitted							
	Diseases – Human – Animal Transmitted							
	Diseases – Human – Human Transmitted							
	Diseases – Human – Food Transmitted							
	Diseases – Plants – Human Controlled							
	Diseases – Plants – General							
	Plant & Pest Infestations							
Earthquakes, Tsunamis & Volcanoes	Earthquakes							
	Tsunamis							
	Volcano-Ash Falls, Projectiles and Lateral Blasts, Pyroclastic Flows and Lava Flows							
Fires	Brush, Bush & Grass Fires							
	Community Structural Fires							
	Community Interface Fires							
	Forest Fires or Wildfires							
	Peat Bog Fires							
Food Shortages	For Communities that depend mostly on local food for sustenance							
	For communities that depend mostly on food grown elsewhere for sustenance							
Geological Hazards	Dust & Sand Storms							
	Erosion, Accretion & Desertification							
	Expansive Soils							
	Gravitational Mass Movement (Landslides)							

Hazard	Hazard Category	Overall	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
	Land Subsidence & Sinkholes							
	Submarine Slides							
Hazardous Material Spills, Explosions and Oil Pipeline and Gas Leaks	Gas Explosions & Gas Leaks							
	Mine Explosions							
	Oil Pipeline Leaks							
	Other Explosions							
	Hazardous Material Spills – On Site							
	Hazardous Material Spills – Air Transport							
	Hazardous Material Spills – Marine Transport							
	Hazardous Material Spills – Land Transport							
	Hazardous Material Spills – Rail Transport							
	Hydrological Hazards	Avalanches – Natural and Human Caused						
Flash Floods								
Ice Jam Floods								
Local Floods								
Rain Storm Floods								
Snow Melt Floods								
Glaciers								
Icebergs, Sea Ice and Ice Floes								
	Lake Outburst							
Nuclear	Nuclear Accidents							

Hazard	Hazard Category	Overall	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6
Power & Water Outages	Power Outage							
	Water Outage							
Riots	Riots							
Terrorism	General							
	Biological Terrorism							
	Chemical Terrorism							
	Cyberterrorism							
	Explosives & Bombs							
	Nuclear							