



RESILIENT COMMUNITIES

SELA SPECIAL SERIES

MINI-GUIDE



LATIN AMERICAN
AND CARIBBEAN
ECONOMIC SYSTEM

VOLCANIC ERUPTIONS: KNOWLEDGE FOR SAFE COMMUNITIES

PREVENTION. PREPAREDNESS. ACTION.



PREVENTION



PREPAREDNESS



PROTECTION
AND RESPONSE



RECOVERY



REGIONAL
COOPERATION



UNDERSTANDING THE RISK

WHAT IS A VOLCANIC ERUPTION?

It is the release of gases, ash and other materials from inside the Earth to the surface.

IT CAN GENERATE DIFFERENT HAZARDS:



ASHFALL

Affects health, services and daily activities.



VOLCANIC FLOWS

Currents of materials at high temperatures that can move rapidly.



LAHARS

Mud and debris flows that descend along slopes and channels.



VOLCANIC GASES

Can affect health and contaminate the air.



PROJECTILES AND EXPLOSIONS

Pose a hazard in areas near the volcano.



Understanding volcanic hazards is the first step toward preparedness and risk reduction.





ALERT AND MONITORING

STAY ALERT TO VOLCANIC ACTIVITY

Observation and continuous monitoring help detect changes and alert the population in a timely manner.



FOLLOW OFFICIAL INFORMATION

Rely only on information from the authorities and scientific organizations responsible for volcanic monitoring.



OBSERVE CHANGES IN YOUR SURROUNDINGS

Gas emissions, ash, or seismic activity may indicate changes in volcanic activity.



KNOW THE ALERT LEVELS

Learn what each alert level means in your area.



STAY INFORMED

Follow official channels and avoid spreading rumors or unverified information.



KNOW THE EVACUATION ROUTES

Identify the routes and safe areas designated by the authorities.



Staying informed and following official alerts helps us prepare and act in time.





PREVENTION

REDUCE THE RISK BEFORE AN ERUPTION

Preparing our communities helps protect lives, property, and the environment from a possible volcanic eruption.



MAKE A FAMILY PLAN

Decide what to do, where to go, and how to communicate with your family in an emergency.



PREPARE AN EMERGENCY KIT

Include water, non-perishable food, a flashlight, a radio, important documents, and essential supplies.



IDENTIFY SAFE AREAS

Know lower-risk areas and evacuation routes designated by the authorities.



STAY INFORMED AND PARTICIPATE

Take part in drills and training activities in your community.



PROTECT YOUR SURROUNDINGS

Keep areas around your home clean and avoid accumulating materials that could be affected by ash.



Prevention strengthens our communities and saves lives.





FAMILY PREPAREDNESS

PREPARE BEFORE AN EMERGENCY

Having a family plan and the necessary supplies helps protect you and your loved ones from a possible volcanic eruption.



MAKE A FAMILY PLAN

Decide what to do, how to communicate, and what responsibilities each family member will have.



SET MEETING POINTS

Identify safe places where you can meet in an emergency.



PREPARE AN EMERGENCY KIT

Include water, non-perishable food, a flashlight, a radio, a first-aid kit, clothing, and essential supplies.



KEEP IMPORTANT DOCUMENTS

Keep copies in a safe place and, if possible, in digital format.



CONSIDER SPECIAL NEEDS

Include children, older adults, people with disabilities, and pets in your preparedness plan.



A prepared family is a stronger and more resilient community.





PROTECTION AND RESPONSE

STAY SAFE, ACT TOGETHER

During a volcanic eruption, it is essential to protect yourself and others. Follow authorities' instructions and support your community.



STAY INFORMED

Follow official information and heed authorities' recommendations.



SEEK A SAFE PLACE

Move to designated safe areas if instructed to evacuate.



USE PROPER PROTECTION

Wear a mask, goggles, and appropriate clothing to avoid ash exposure.



SUPPORT OTHERS

Pay special attention to children, older adults, and people with disabilities.



BE PREPARED

Keep an emergency kit and follow evacuation routes.



**A prepared community saves lives
and builds a more resilient future.**





RECOVERY

REBUILD WITH RESILIENCE

After a volcanic eruption, recovery is a process that requires time, organization, and support. Working together helps us rebuild stronger.



ASSESS THE DAMAGE

Safely assess the condition of your home and surroundings. Follow the authorities' instructions.



CLEAN UP SAFELY

Remove ash using proper protection (mask, protective eyewear, and gloves) and dampen surfaces to prevent it from spreading.



MEET BASIC NEEDS

Ensure access to drinking water, food, healthcare, and essential services.



RESTORE THE ENVIRONMENT

Participate in restoring community spaces and protecting the environment.



LEARN FOR THE FUTURE

Identify lessons learned and strengthen preparedness plans to better face similar events.



Recovering together today helps us build safer and more resilient communities tomorrow.





REGIONAL COOPERATION

TOGETHER WE ARE RESILIENT

Volcanic risks cross borders. Regional cooperation allows us to share knowledge, strengthen capacities, and build more coordinated responses.



SHARE KNOWLEDGE

Information and experiences to learn together.



STRENGTHEN CAPACITIES

Technical cooperation and specialized training.



COORDINATE RESPONSES

Joint action in response to shared risks.



BUILD RESILIENCE

Communities and countries better prepared for the future.



Regional cooperation strengthens our capacity to protect lives and build resilient communities.





RESILIENT COMMUNITIES

SELA SPECIAL SERIES

| MINIGUIDE

PREVENT, PREPARE, PROTECT LIVES

Prevention, preparedness, and cooperation are essential to reduce risks and strengthen safer and more resilient communities facing volcanic eruptions in Latin America and the Caribbean.



LATIN AMERICAN
AND CARIBBEAN
ECONOMIC SYSTEM

More and Better Integration

