

RISK ATLAS:

What do you know about where you live?

What are they?

Information systems on disturbing phenomena to which a community and its environment is exposed



Consult them and make informed decisions.
Review and discharge information layers at:

Centro Nacional de Prevención de Desastres
www.gob.mx/cenapred

Atlas Nacional de Riesgos
www.atlasmnacionalderiesgos.gob.mx

Who prepares them?

The law mandates Civil Protection authorities at all levels of government, to develop and update their Risk Atlas

Some events that are included to this Atlas are:



Geological

- Earthquakes
- Volcanic eruptions
- Tsunamis
- Slope instability
- Land depression



Hydrometeorologic

- Tropical storms
- Extreme rainfall
- Flooding
- Snow Storm
- Hail



Chemical-Technological

- Fires
- Explosions
- Toxic leaks
- Radiation
- Spills



Health-Environmental

- Epidemics
- Pests
- Air, water and soil pollution



Socio-Organizational

- Traffic accidents
- Suspended vital services
- People massive concentrations or movements

What is the structure and contents?

It is a computer platform supported on:
Geographic information systems and databases



Disturbing events risks maps



Susceptibility maps



Exposed property inventories



Vulnerability inventory



Risk maps



Risk scenarios

Source: Centro Nacional de Prevención de Desastres = National Center for Prevention of Disaster

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National Risk Atlas

A system for a timely decision making

Its purpose is to...

- Collect and bring together information from various Federal Government, states, municipalities, and Mexico City's institutions
- Guide urban development plans
- Assess possible scenarios that may be affected by the presence of a natural phenomenon
- Negotiate the correct use of the soil to avoid risk area construction
- Provide security for public and private investment considering disturbing events
- Facilitate issuance of Emergency and Disaster Statements
- Improve the process for strategic infrastructure insurance contracting, such as for schools and hospitals

Serves to...

- Provide awareness of frequency and intensity of risks in the territory
- Identify physical and social processes generated by such risk
- Create a projection for the future impact of a phenomenon
- Implement preventive measures for infrastructure exposed to a risk
- Estimate the cost of impact of a phenomenon
- Estimate needs for areas declared under emergency or disaster
- Create awareness in the people on risks they are exposed to
- Guide public policies to decrease risks and, thus, disasters

