

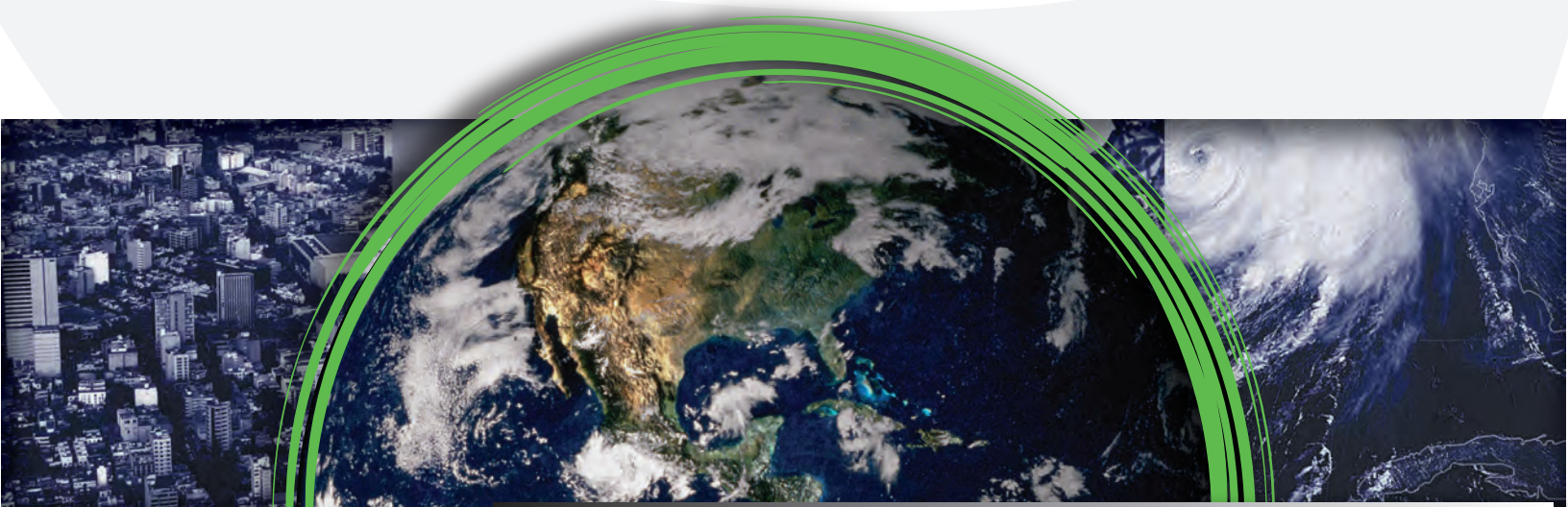


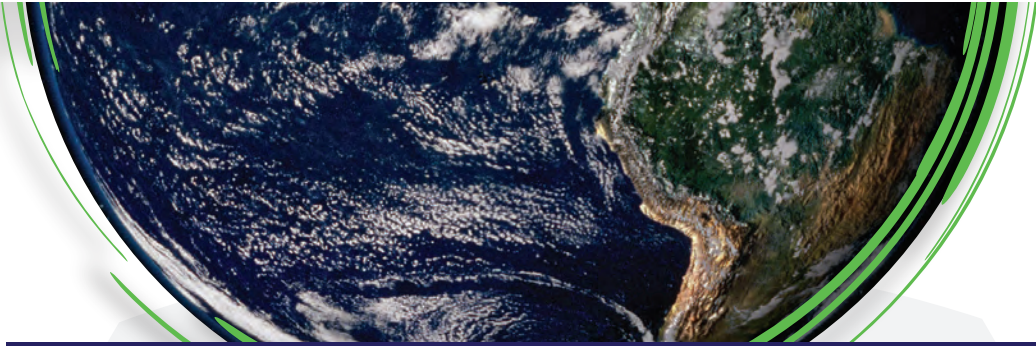
We live for risk assessment

ERN was established in 1996 in Mexico City in 1996 as a company specialised on seismic engineering, evolving later to include the assessment of a wide range of natural and anthropogenic phenomena in order to mitigate their impact on people, buildings and infrastructure.

Our goal is to provide tailor made solutions to suit our clients' needs across the world, through specialized studies and software.

Our state of the art technology is developed by a group of experienced professionals delivering the very best products and services, as a result of our commitment to research and development.





Why ERN?

Because our Engineering and Risk Management departments offer state-of-the-art knowledge and solutions for the best understanding and evaluation of natural and anthropogenic risks for both, public and private sectors. ERN provides decision makers with the necessary information in the fields of land-use planning, urban development, disaster prevention, risk evaluation and civil protection.

Insurance

- Expert systems to estimate losses due to any threat
- Risk evaluations for any individual structure and portfolios
- In situ inspection and determination of structural risk
- Business interruption evaluations and mitigation measures
- Telephone and online support and assistance
- Integral training programs
- Support tools such as built-in help and tutorials
- Workshops, seminars and conferences
- Informative bulletins on natural events and their impact

Construction

- Identification of natural hazards and vulnerability for new structures and infrastructure
- Hazard, vulnerability and risk estimation for already existing structures and infrastructure
- Geophysical studies

Government

- Hazard and risk atlas
- Financial risk assessment
- Consultancy and support in natural and anthropogenic risks

Private sector and Industry

- Loss assessment studies
- Business interruption evaluations and mitigation measures
- Identification of natural hazards and vulnerability for new and already existing structures and infrastructure
- Consultancy and support in natural and anthropogenic risks



Software & Apps

ERN provides the insurance and government sectors with state-of-the-art tools for risk calculation, which help ensure that both the technical amount of the premiums as well as the amount of financial reserves to confront possible catastrophes are the best one can get. **ERN** has also developed free Apps for rapid risk assessment and public awareness.

Insurance Sector

Software for the financial risk evaluation of buildings and infrastructure



R-PLUS

ERN's software for financial risk assessment



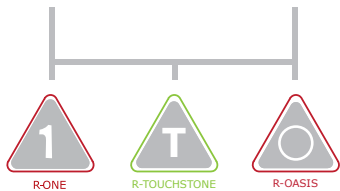
R-REGULATOR

Official software for the computation of catastrophic reserves of insurance companies



R-TARIFF

Computes the premium for suscription purposes



ERN software adapted to the following platforms
RMS (one)[®], AIR[®] Touchstone[®], OASIS[®]

Others:



R-AUTO

Computes the natural risk for cars



R-MONITORING

Computes in real time the risk of a portfolio due to hurricanes and earthquakes



R-GeoLOC

Computes the lat-long coordinates from an address database



R-HAZARD

Shows the hazard in a simplified way to any given location

Construction



PRODEP

Analysis and design of prestressed concrete elements

Government



R-CAPRA

Analysis and visualization of risks, hazards and exposure



R-ATLAS

GIS system for risk management, designed for the use of municipal, state and regional governments



We adapt our software to any specific requirement of our clients

Apps

Insurance Sector



Computes the earthquake premium
Available at:
iOS, Android, Windows Phone



Rapid earthquake risk assessment of an individual building
Available at:
iOS, Android, Windows Phone y Windows



Notifies users of natural events
Available at:
iOS

Our research and developments have ended in risk assessment software that include the following threats:



earthquake



volcanic eruption



surface fault



subsidence



landslides



hail



hurricane



wind



storm surge



flood



electric storm



tornado



frost



snow



drought



climate change



tsunami



scour



pollution



explosion



fire



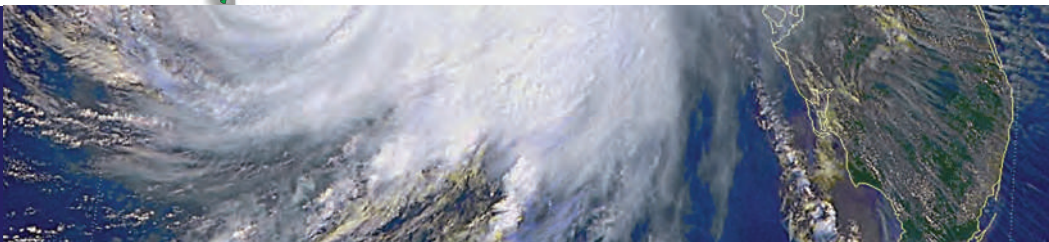
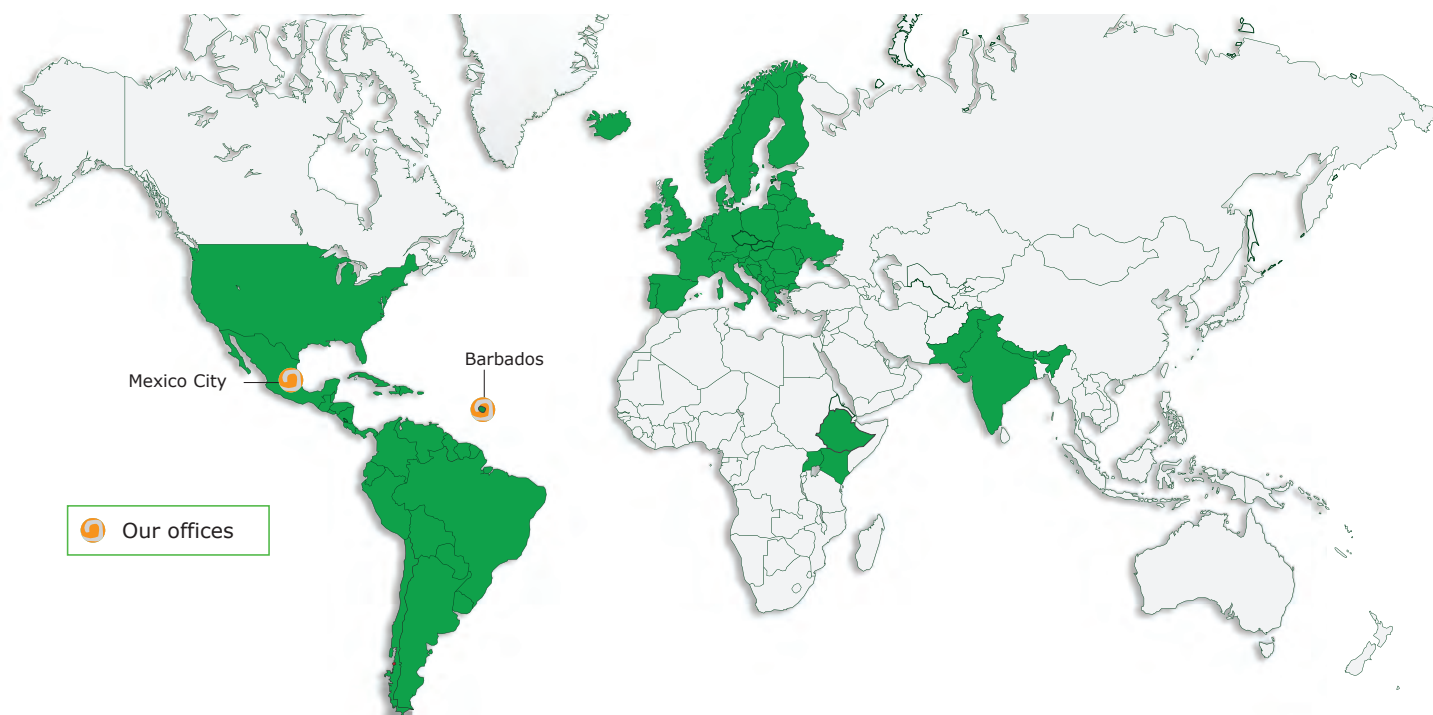


Our clients include:

- Construction contractors and developers
- Civil engineering consultancy firms
- Insurance sector: Insurance and reinsurance companies, brokers, regulatory institutions and risk managers
- National, state and municipal governments
- International organizations: World Bank, Interamerican Development Bank (IDB)

Our models have been used in a variety of international projects financed by the Word Bank and the IDB. One of these projects is CAPRA, a peril agnostic platform for risk assessment and management.

Worldwide presence



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