GEM GLOBAL EARTHQUAKE MODEL working together to assess risk

OQ OPENQUAKE calculate share explore

PUBLIC GOOD.
COLLABORATIVE.
CREDIBLE.
OPEN and
TRANSPARENT.

GEM

GLOBAL EARTHQUAKE MODEL FOUNDATION

a world resilient to earthquakes

WHY JOIN GEM?

Availability and access to data, information and tools have always been a perennial problem in accurately assessing earthquake risks. This problem is further amplified because harmonized, high quality, open data and free assessment tools on earthquake hazard and risk is limited, non-existent or too expensive resulting to reduced efficiency in disaster prevention, preparedness, response and recovery management.

BENEFITS

1 Be part of a global team in shaping the direction of global earthquake modeling

2 Connect with public and private participants from around the world

3 Be at the forefront of developing GEM's state-of-the-art earthquake hazard and risk assessment software: the OpenQuake engine

4 Contribute to maintenance and improvement of GEM products for public good

5 Demonstrates corporate social responsibility

6 Use of the GEM brand

initiated by OECD in 2004 and legally established in 2009 as a non-profit in Italy with a vision of **a world resilient to earthquakes**.

supported by public and private institutions worldwide including academia and UN agencies

developer of the OpenQuake engine - a state-of-the-art computational software for earthquake hazard and risk assessment

promotes free and open access products and tools through its websites: **platform.openquake.org** & **www.globalquakemodel.org**

JOIN US

Support high quality data and tools sharing on free, open and transparent platform