



Release of GEM's Global Earthquake Hazard and Risk Products (v2023)

WELCOME

Helen Crowley
Secretary General

PAVIA, 13TH OCTOBER 2023



working together
to assess risk

GEM
GLOBAL EARTHQUAKE MODEL

OO
OPENQUAKE

About GEM Foundation

Non-profit scientific NGO, founded in 2009, governed by a global, public-private partnership

We develop open software, tools and data for use in earthquake hazard and risk assessment worldwide and work together with local governments and institutions to promote their use in DRR applications.

International Day for DRR

Fighting inequality for a resilient future

Our Vision

For a world that is resilient to earthquakes and other natural hazards



GEM's Global Flagship Products

These products provide **vital insights into the variation of seismic hazard and risk** around the world, thus equipping:

- risk modellers,
- emergency managers,
- Insurers/reinsurers,
- structural/civil engineers,
- building regulators,
- community planners..

with the information needed to improve **building safety** and **land use**, enhance earthquake **preparedness and response**, and incentivise **risk transfer mechanisms**, such as insurance/reinsurance..

..all of which will help reduce the disparities in disaster vulnerability that exacerbate inequality around the world.

Thanks to Our Sponsors and Major Contributors

Public

Governor



Advisor

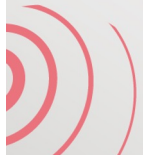
Associate Partners



Major Contributors



Global Earthquake Model



Today's Agenda

TOPICS & SPEAKERS



Helen Crowley
Secretary
General

Welcome/Closing
Remarks and Overview of
GEM's 2023 product
release



John Schneider
Senior
Advisor

International Day for DRR
and GEM's global hazard
and risk maps and
Q &A/Discussion



Marco Pagani
Head of Seismic
Hazards

Presentation of the Global
Seismic Hazard Mosaic



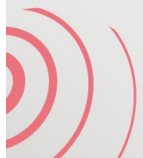
Vitor Silva
Head of Risk
Engineering

Presentation of the Global
Seismic Risk Mosaic



Andres Abarca
Product
Manager

Walkthrough of access to
GEM's 2023 products



Please attribute to the GEM Foundation with a link to:
<https://www.globalquakemodel.org>



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