

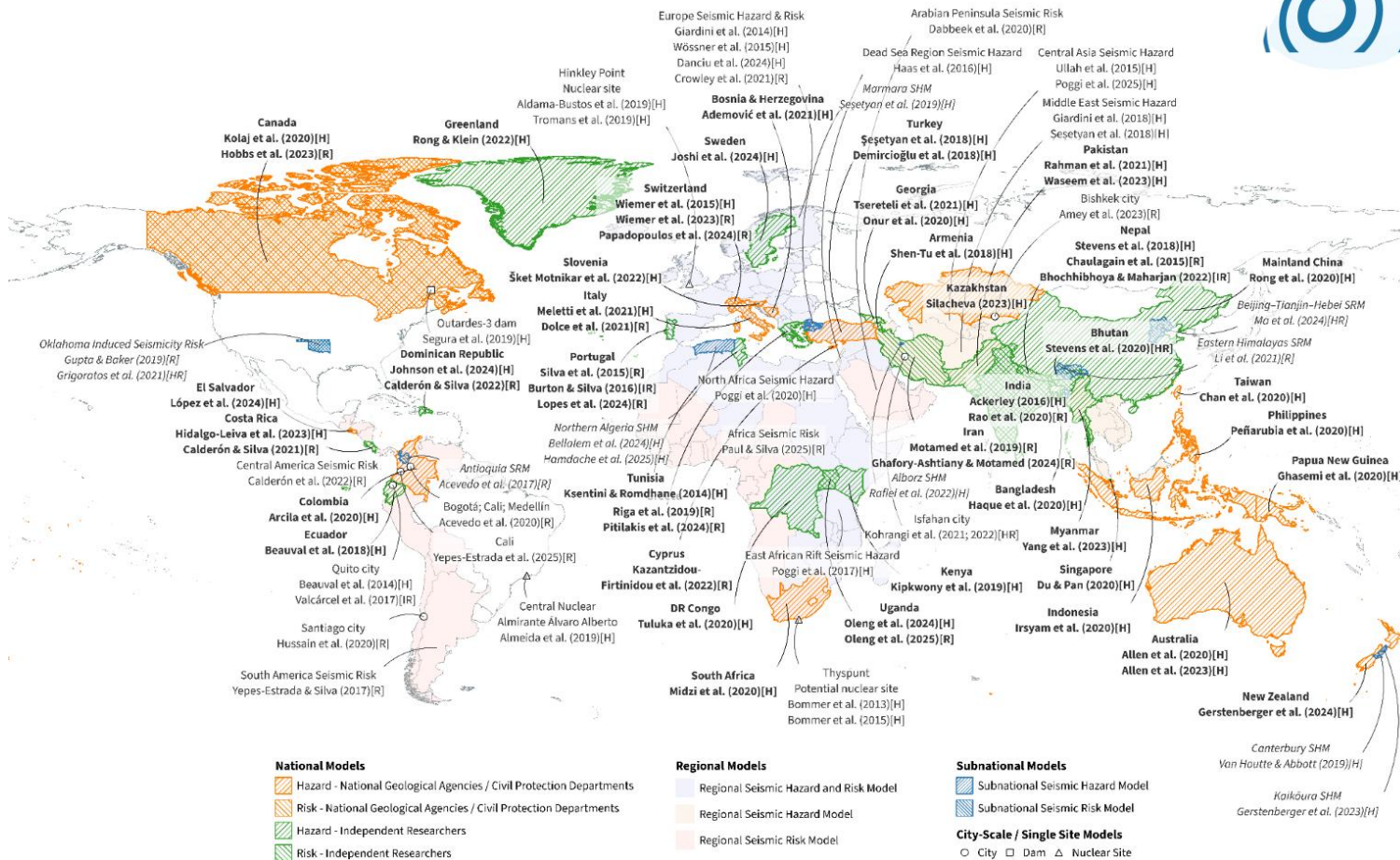
15 YEARS OF THE OPENQUAKE ENGINE

Collaboration, Capacity building and Partnerships

Catalina Yepes-Estrada, GEM Foundation

13th October 2025

15 YEARS OF THE OPENQUAKE ENGINE

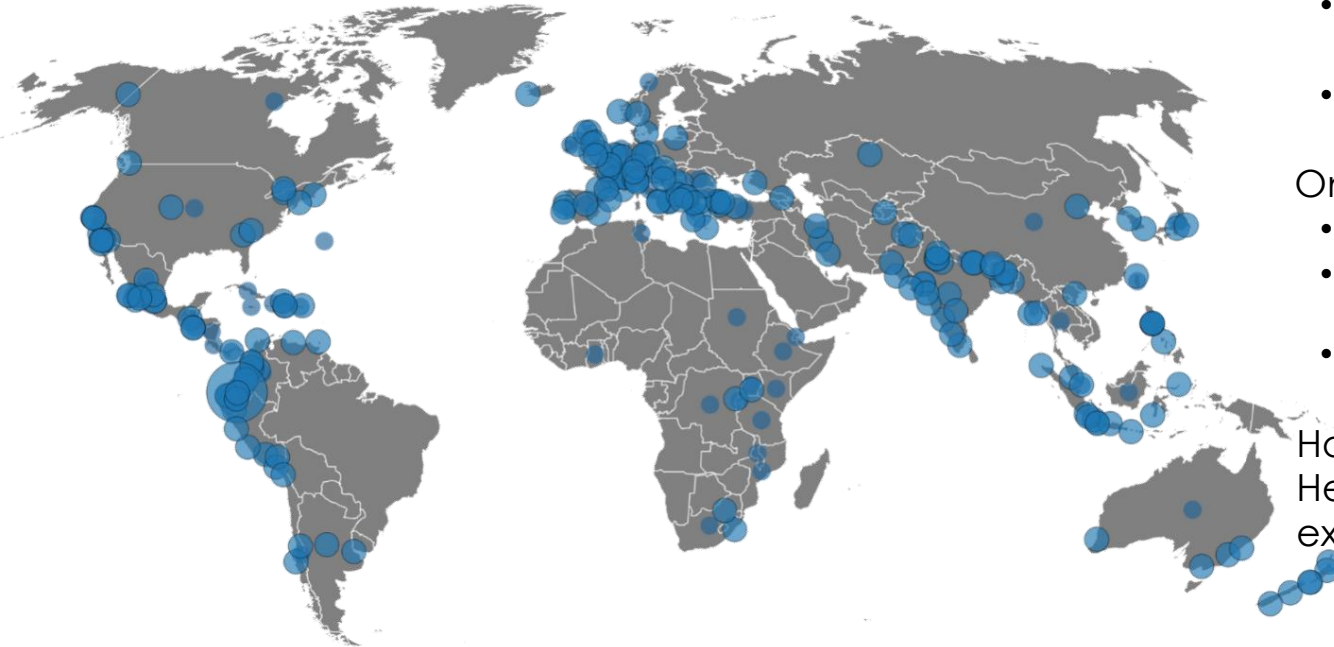


TRAINING AND CAPACITY BUILDING

200+
cities

60+
countries

1500+
trained



In person hands-on training:

- GEM sponsors and partners
- Courses for PhD, Post-Docs and practitioners
- Research community

Online training:

- Live hands-on sessions
- Dedicated training website
<https://www.training.openquake.org/>
- YouTube videos

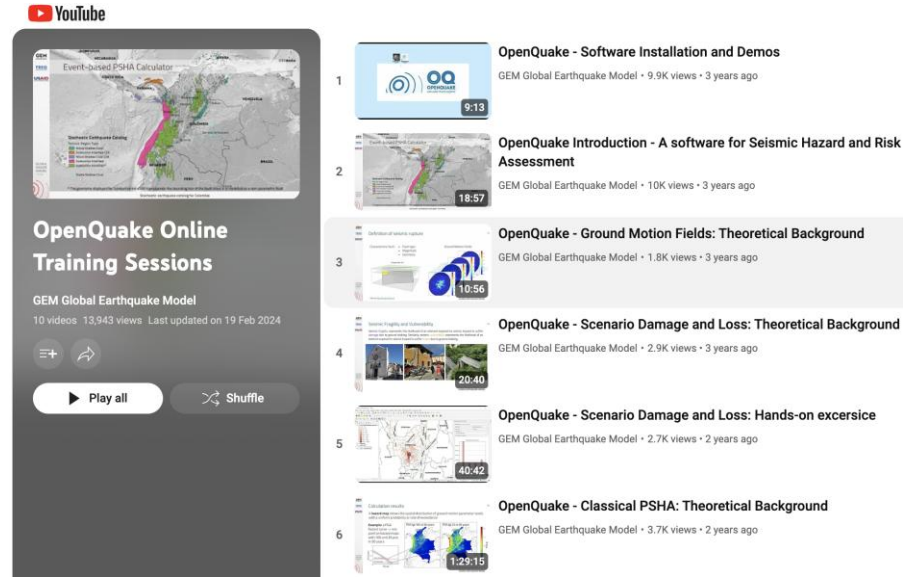
Hosting researchers at GEM Headquarters, Pavia-Italy, for extended periods.

TRAINING AND CAPACITY BUILDING



<https://www.training.openquake.org/>

Free online OpenQuake training sessions



https://youtube.com/playlist?list=PL08aqbvcszvQxT_HMoSk0XisLw1twc3V4

YouTube playlist of OpenQuake training sessions

DOCUMENTATION AND OPENQUAKE USER FORUM

 Unified development ▾

[Getting Started](#)[User Guide](#)[API Reference](#)[Underlying Science](#)[Release Notes](#)[Contributing](#)



General overview

The OpenQuake Engine software provides calculation and assessment of seismic hazard, risk and decision-making tools via the data, methods and standards that are being developed by [Global Earthquake Model \(GEM\) Foundation](#) and its collaborators.

[Getting Started](#)

[User Guide](#)

[API Reference](#)

[Underlying Science](#)

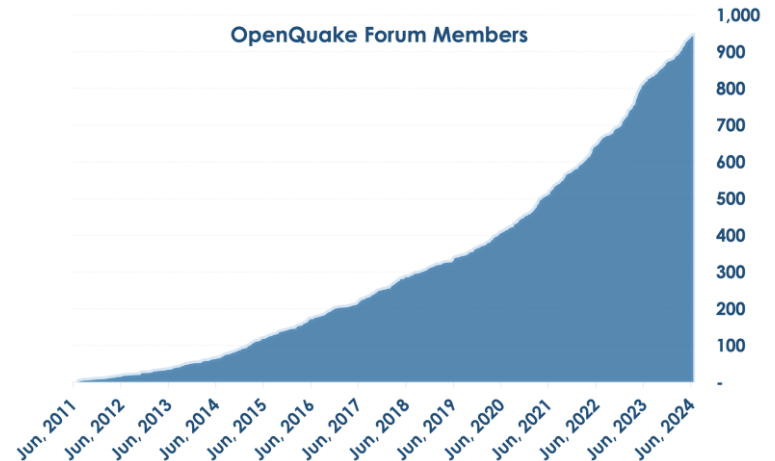
[Release Notes](#)

[Contributing](#)

[General overview](#)[Introductory video](#)[Additional information](#)[Show Source](#)

Comprehensive web-based user manual, advanced users' guide, API reference, FAQs, and underlying science guides

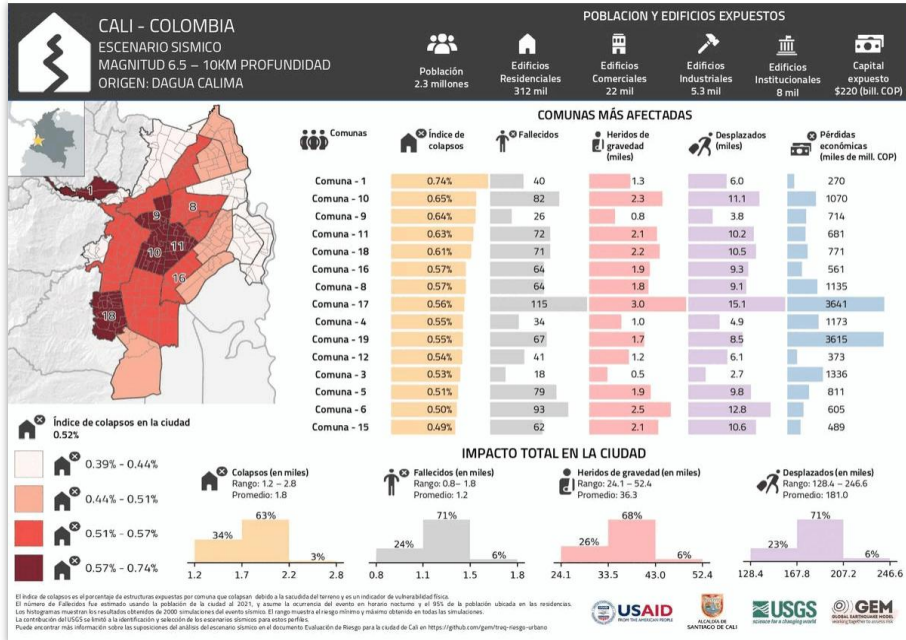
<https://docs.openquake.org/oq-engine/master/manual/>



Community forum of OpenQuake engine users

<https://groups.google.com/forum/#!forum/openquake-users>

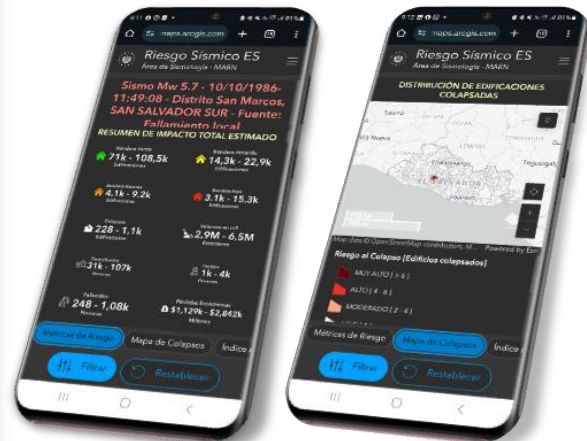
COLLABORATION AND COMMUNICATION WITH STAKEHOLDERS



TREQ project: collaboration across academia, municipal offices and first responders
 More information at <https://www.globalquakemodel.org/proj/treq>

COLLABORATIONS AND COMMUNICATION WITH STAKEHOLDERS



[illegible]

GLOBAL QUAKE MODEL.ORG

Thank you!

Please attribute to the GEM Foundation with a link to:

<https://www.globalquakemodel.org>



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