



Session 05

Empowering communities: Engaging citizens in seismic risk reduction

Conveners:

Lorena Kuratle¹, Camille de Carolis², Chiara Scaini³

¹Swiss Seismological Service and Transdisciplinarity Lab, ETH Zurich, Switzerland

²Centre Sismologique Euro-Méditerranéen/Euro-Mediterranean Seismological Centre, Arpajon Cedex, France

³National Institute of Oceanography and Applied Geophysics, Trieste, Italy

In the realm of seismic risk reduction, the involvement of citizens and societal stakeholders (e.g., civil protection) is recognized as a fundamental imperative. A number of initiatives to increase public involvement in scientific data generation and risk management have been launched in recent years, yet practical guidance remains scarce. This session invites researchers and practitioners to actively participate in the collaborative endeavor for enhancing seismic risk reduction efforts by empowering communities (citizens and professional societal stakeholders). We seek for contributions across various domains, including:

- **Citizen seismology:** innovative methods and programs to engaging communities, challenges faced and perspectives.
- **Tools:** educative tools such as virtual reality applications, mobile apps, messaging apps bots, or any other technological solution to facilitate community engagement
- **Co-design processes:** collaborative design of tools that bridge the gap between scientists and the public.
- **Inclusiveness approaches:** strategies to involve vulnerable groups such as cooperating with intermediate actors.

The output of the session will be a factsheet with concrete recommendations derived from all contributions and a map of current, successful initiatives allowing also to identify areas where research and practice need to evolve to further advance and improve the empowerment of citizens and societal stakeholders in seismic risk reduction.

