

SESSION 05- Risk Communication and Knowledge Transfer for Disaster Resilience: Practices, Challenges, and Innovations

Conveners

Mónica Amaral Ferreira, CERU, Portugal

Alexandra Carvalho, LNEC, CERU, Portugal

Krzysztof Zyman, EUR-OPA Major Hazards Agreement of the Council of Europe

Roberta Apostolska, UKIM-IZIIS, ECILS, Skopje, Republic of North Macedonia

Session Description

Effective risk communication and knowledge transfer are critical components of disaster risk reduction, enabling communities, institutions, and decision-makers to better understand, prepare for, and respond to natural and technological hazards. In an era of increasing risks related to natural hazards connected to climate change, bridging the gap between science and society has become more important than ever.

This session will focus on strategies, tools, and case studies that promote public awareness, community engagement, and institutional collaboration in disaster risk management. We invite contributions addressing communication methods, participatory approaches, educational programmes, and policy-oriented knowledge transfer. Particular emphasis will be given to initiatives developed under the EUR-OPA Major Hazards Agreement of the Council of Europe and other international collaborations that aim to foster inclusive, science-informed, and community-driven resilience building.

Topics of interest include, but are not limited to:

- Innovative methods for risk communication to diverse audiences
- Community-based and participatory risk mapping and planning
- Training, education and youth engagement in disaster preparedness
- Translating scientific knowledge into actionable policies and local strategies

We welcome interdisciplinary work involving seismologists, social scientists, educators, policymakers, and civil protection actors.

