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[Poster]

Earthquakes and Population Vulnerability: Evidence from Southern Europe

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Abstract: Natural disasters and their consequences are a widely studied topic that has gained increasing importance in the academic community in recent years. Earthquakes are among the disasters that have a particularly strong impact on the environment and society, with potentially fatal outcomes. This paper is based on the EM-DAT database on the total population affected by earthquakes and includes an overview of the potential for expanding research on this topic in the future. Between 1990 and 2025, more than 900,000 people were affected by earthquakes in Southern Europe. However, a more detailed analysis indicates territorial differences in the impact of earthquakes in this region. This initial finding opens the door to numerous topics that can be explored in the future, such as the conditions for prevention and evacuation of the endangered population, as well as their daily activities and living conditions in hazardous environments across different countries in this region. Ultimately, in-depth insights regarding this issue can inform disaster risk reduction strategies and foster cross-border cooperation in the region.

Keywords: earthquakes, population vulnerability, Southern Europe