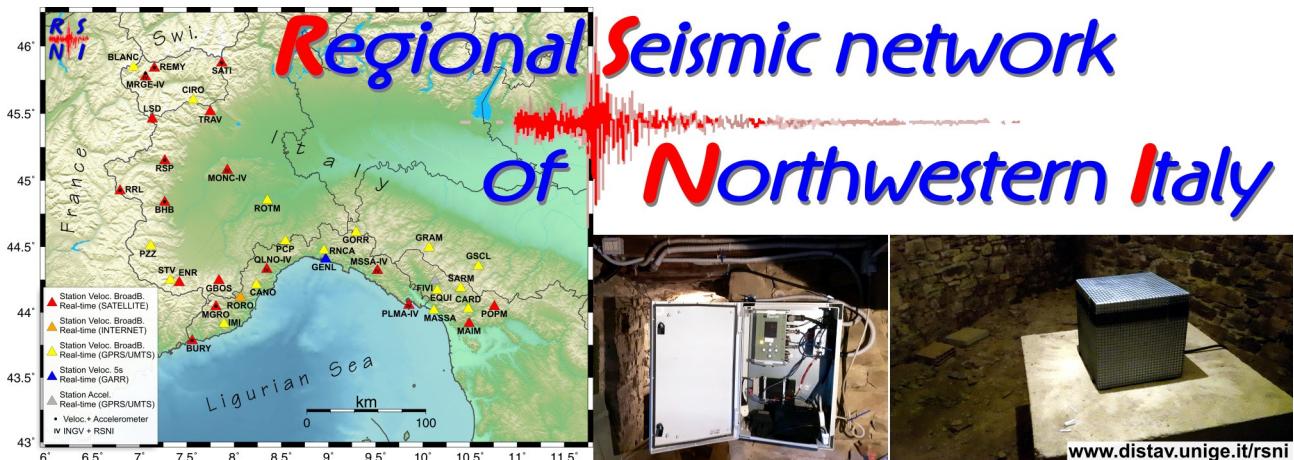


SEISMOLOGY

Seismicity, Earth structure and seismic hazard



Main research topics are:

- Seismic monitoring and analysis of the seismicity of the Northern Italy and the surrounding areas
- Seismic Tomography and Litho-Asthenospheric structures of Italy and surrounding areas
- Spatial and temporal patterns of the seismic activity and correlation with active tectonic structures
- Seismic hazard at regional or local scale
- Site amplification and Seismic microzonation
- Analysis of seismic noise
- Advanced automatic analysis of seismic signals and rapid determination of earthquakes parameters
- Analysis of induced seismicity

Keywords: Seismicity, earthquake tomography, seismic hazard and microzonation

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