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Supplementary Material

SISMIKO: INGV operational task force for rapid deployment of seismic network during earthquake emergencies

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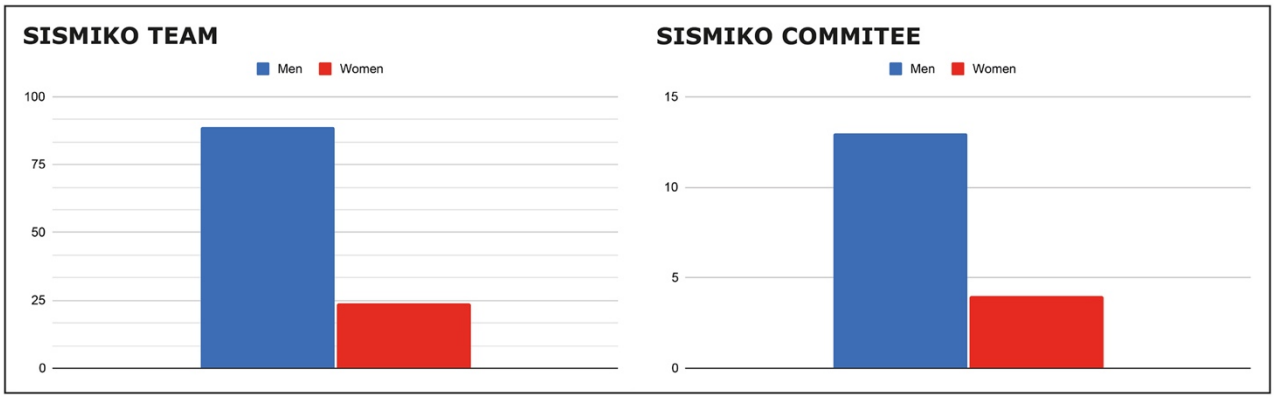
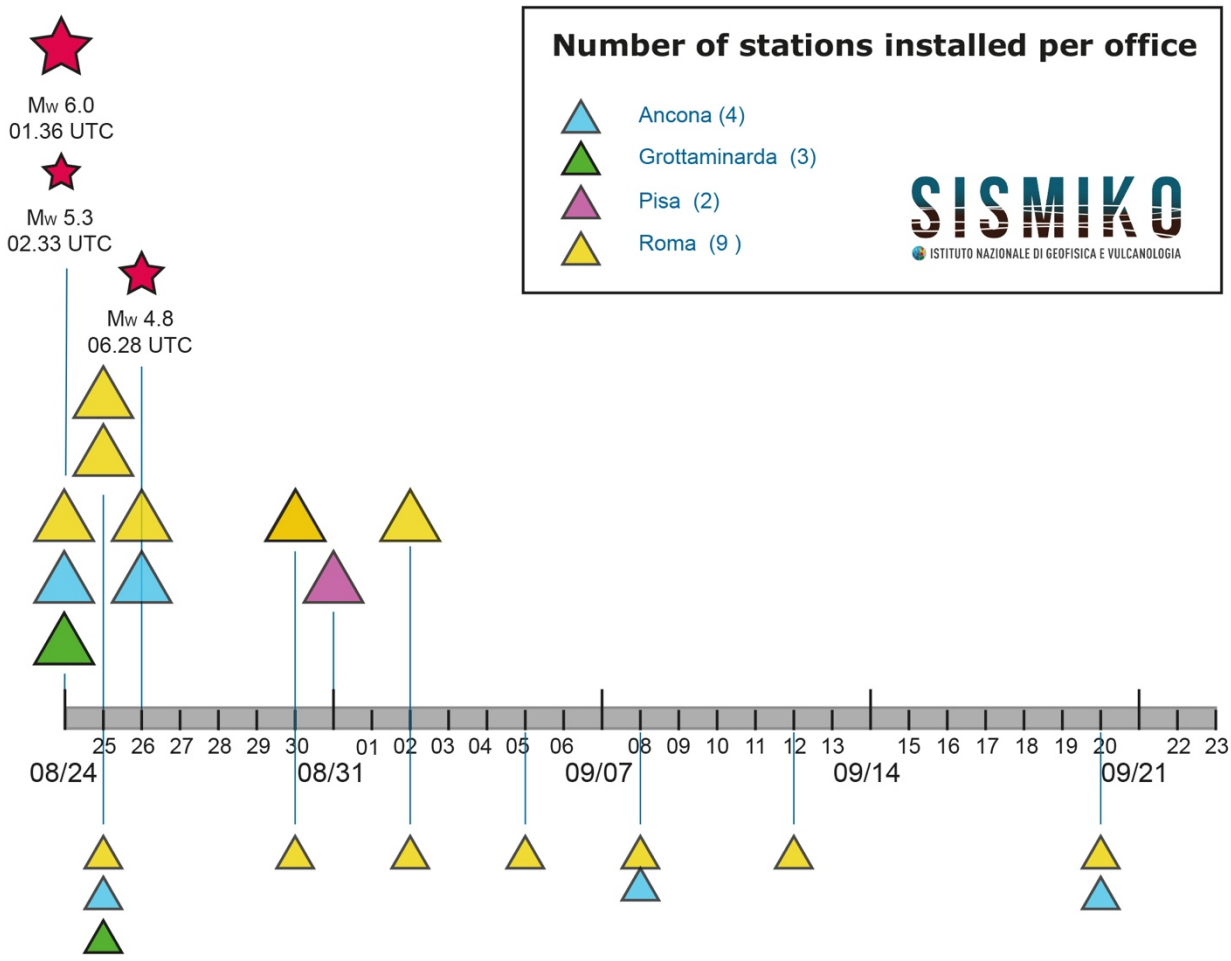
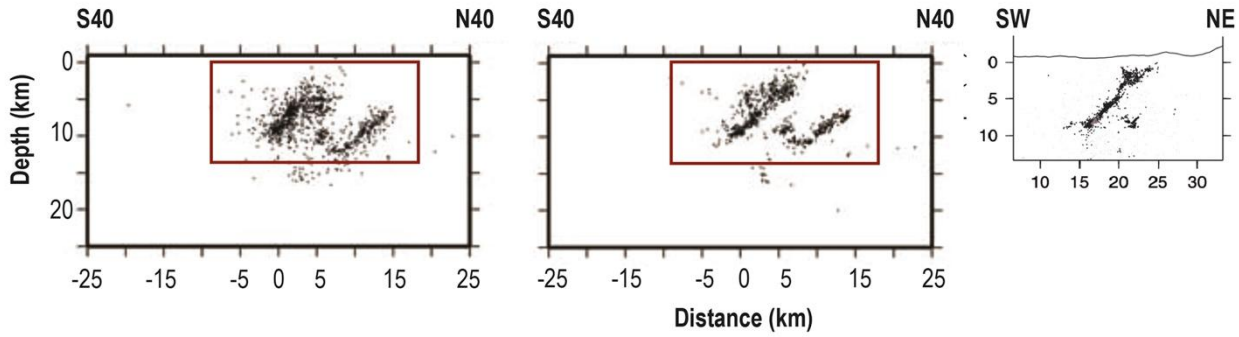
Supplementary Figure S1. On the left, mobile acquisition center of digital telemetry stations, built in 1990 and used for the first time during the 1990 Potenza earthquake. The photo shows its use during the Colfiorito seismic sequence (1997-98). On the right, a drum to record earthquake signals in real time, positioned inside the mobile laboratory.



Supplementary Figure S2. Number of males and females involved today in the SISMIKO Team and in the SISMIKO Committee.



Supplementary Figure S3. Timing of installation (above the grey axes of time) and maintenance control (below the axes of time) of temporary SISMIKO stations during the first month of the 2016 seismic emergency in Central Italy. Red stars show the strongest earthquakes of the sequence (modified from Moretti et al., 2016).



Supplementary Figure S4. Cross sections oriented perpendicularly to the main activated faults showing hypocenters of earthquakes recorded during the L'Aquila 2009 seismic sequence. (a) Hypocentral locations using the permanent network for earthquakes with M>1.9 between April and June, 2009 (modified from Margheriti et al., 2011). (b) Hypocentral locations using the permanent network and the emergency networks for the same earthquakes (Modified from Margheriti et al., 2011). (c) Correspondent cross section of hypocentral locations from Valoroso et al., 2013: in this study the increased number of events and their accurate location define the fault system very sharply.