

Hai Sentito Il Terremoto (HSIT)
doi: <https://doi.org/10.13127/HSIT>

Description

The internet site "www.haisentitoilterremoto.it" is devoted to collect, through a questionnaire, crowdsourced data about macroseismic effects, observed in Italy, for earthquakes occurred from 15-06-2007 up to the present day. Data are analyzed and results are displayed as macroseismic field maps of the earthquakes for which at least 6 questionnaires are available. Data of each event (from 2007 until today) are updated in real-time whenever a new questionnaire is received. Tools for customized searching inside the database are available.

Intensities are estimated through an automatic procedure following the method described in "Tosi P., Sbarra P., De Rubeis V., and Ferrari C. (2015), Macroscopic intensity assessment method for web-questionnaires, *Seismological Research Letters*, 86, 985-990, doi: 10.1785/0220140229". Macroscopic intensities are given in Mercalli-Cancani-Sieberg (MCS) scale and in European Macroscopic Scale (EMS-98). Being data voluntarily given by people, they are not revised by scientists. As a result, in this database, content is not validated and there may be errors due to a wrong attribution of responses, in particular for the events immediately following or just preceding a strong earthquake.

Macroscopic observations were collected through the web-based questionnaire described in "Tosi P., Sbarra P., De Rubeis V., and Ferrari C. (2015), Macroscopic intensity assessment method for web-questionnaires, *Seismological Research Letters*, 86, 985-990, doi: 10.1785/0220140229".

The municipality data were obtained from the National Institute of Statistics (ISTAT 2011). Earthquake parameters were obtained from ISIDe Working Group (2007), Italian Seismological Instrumental and Parametric Database (ISIDe) <https://doi.org/10.13127/ISIDE>.

Issued date 2007-06-15

Geographical coverage: Italy

For reference: Tosi, P., De Rubeis, V., Sbarra, P., & Sorrentino, D. (2007). Hai Sentito Il Terremoto (HSIT). Istituto Nazionale di Geofisica e Vulcanologia (INGV). <https://doi.org/10.13127/HSIT>