

VIRTUAL 37th

General Assembly of the European
Seismological Commission

ESC 2021 19-24 September 2021



IASPEI
International Association of Seismology
and Physics of the Earth's Interior



ΙΟΝΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ



Session 17

Crowdsourcing and macroseismology: reliability, applications and developments

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The contribution of citizens is an important aspect of research in macroseismology as past experience showed the reliability of this kind of data. Furthermore, this approach opens new developments. The aim of this session is to highlight the following key topics: crowdsourced data collection through questionnaires, thumbnails or icons; pros and cons of simplicity and completeness of information; key diagnostics in intensity evaluation and comparison among values obtained with different methods; differences between traditional and web-based intensity; web platforms for data visualization and exchange; correlations among intensities and ground motion; the contribution of intensities for the definition of the seismic source even in real-time.

Contributions concerning other aspects of citizen science in macroseismology are welcome.