

ITALY

Cadastral maps assist in aftermath of earthquakes

Cadastral maps from the Italian Revenue Agency, Agenzia delle Entrate, played a key role in helping to assess the impact of the 2016 and 2017 earthquakes.

The large-scale data was supplied to the Copernicus Emergency Mapping Service (EMS) and used to classify the types of buildings that had been damaged. It was then overlaid with information from visual assessments of potential instability taken from satellite images as part of the Italian Civil Protection Damage Survey.

Visso and Castelsantangelo sul Nera in Macerata province, were the first areas to use the data, with maps for a further 17 municipalities now published.

The large-scale cartography managed by Agenzia delle Entrate was chosen because of its regular updates, widespread availability and interoperability.

Images and data can be downloaded for free from the Copernicus EMS website: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR190>

