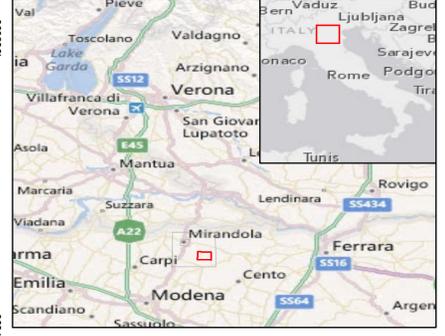




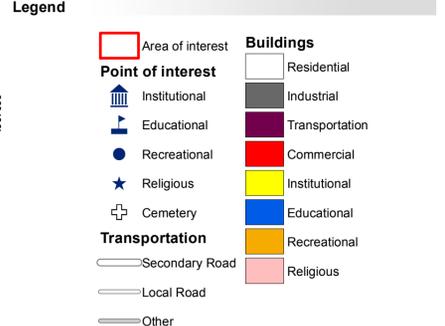
San Felice, ITALY Earthquake Reference Map - Detail02-San Felice

Production date: 21/05/2012



Cartographic Information

1:6 000 Full color ISO A1, medium resolution (200 dpi)
 0 125 250 500 m
 Map Coordinate System: WGS 1984 UTM Zone 32N
 Graticule: WGS 84 geographical coordinates



		Exposure within the AOI	
Potentially affected population		5054 inhabitants	
Potentially affected assets		1306 Buildings	
Residential	1146	Industrial	100
Transportation	6	Commercial	17
Institutional	4	Educational	1
Recreational	24	Religious	8

Map Information

A strong earthquake occurred on Sunday May 20th, 2012 approximately at 4 am, near Ferrara and Bologna in the northern Italy. The earthquake registered a 6.0 magnitude on the Richter scale and sent many architectural treasures down.
 This map product covering an area of San Felice town is delivered to cope with the operational requirements for the emergency response.
 The core users of the map are the Italian Civil Protection Department authorities.
 The scope of the map product is a support for the response teams.

Data Sources

Background Imagery courtesy of AGEA
 OSM ©OpenStreetMap 2012, reworked by SIRS
 LandScan ©UT BATTELLE, LLC. 2010

Dissemination/Publication

No restrictions on the publication of the mapping.
 Delivery formats are GeoTIFF, GeoPDF, GeoJPEG and vectors (shapelite and KMZ).

Framework

The products elaborated in the framework of current mapping in rush mode activation are realized to the best of our ability, within a very short time frame during a crisis, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original data sources. The products are compliant with GIO-EMS RUSH Product Portfolio specifications.

Map production

Present map shows basic topographic features such as transportation and settlements in the area of Mirandola, ITALY. These basic topographic features derive from public datasets, refined by mean of visual interpretation of pre-event AGEA 2011 aerial images (0.5 m resolution).
 The estimated geometric accuracy of this product is 5m CE90 or better, from native positional accuracy of the background orthoimage.
 The estimated thematic accuracy of this product is 80% or better, as it is based on visual interpretation of recognizable items on very high resolution optical imagery.
 Map produced on 21/05/2012 by SIRS under contract 257219 with the European Commission. All products are © of the European Commission.
 Name of the release inspector (quality control): GAF AG(ODO).