



# Ginosa - ITALY Flood - 07/10/2013 Reference Map - Overview

Production date: 14/10/2013



## Cartographic Information

1:70000 Full color ISO A1, medium resolution (200 dpi)

0 1.25 2.5 5 km

Grid: WGS 1984 UTM Zone 33N map coordinate system  
Tick marks: WGS 84 geographical coordinate system

**Legend**  
**General Information**

- Area of Interest

**Administrative boundaries**

- Region
- Municipality

**Settlements**

- Populated Place
- Residential
- Industrial

**Hydrology**

- Reservoir
- Coastline
- River
- Stream
- Canal
- Lake

**Point of Interest**

- Educational
- Industrial
- Institutional
- Recreational
- Religious

**Industry / Utilities**

- Quarry
- Processing Facility
- Quarry

**Transportation**

- Station
- Railway
- Motorway
- Primary Road
- Secondary Road

Exposure within the overview AOI			
Estimated population		inhabitants	119292
Settlements	Residential	ha	2681
	Industrial	ha	154
Transportation	Motorways	km	33
	Primary roads	km	166
	Secondary	km	582
	Railways	km	92
	Stations	No.	8
Utilities	Quarry	ha	308

**Map Information**  
From October 7<sup>th</sup> 2013 an heavy rainfall caused extensive flash flood events across the western side of the province of Taranto and the bordering coastal areas of the province of Matera, claiming four casualties in the particularly bad affected towns of Ginosa and Marina di Ginosa. Other towns including Castellana, Castellana Marina and Palagianello suffered severe infrastructural damage.  
The core users of the map are the national civil protection authority and in-field survey teams trying to gain an overview of the situation.

**Data Sources**  
Inset maps based on: Administrative boundaries (JRC 2013, GISCO 2010, © EuroGeographics), Hydrology, Transportation (Natural Earth, 2012, CCM River DB © EU-JRC 2007), Settlements (GeoNames, 2013).  
Pre-event aerial orthoimages (c) 2013 courtesy of AGEA (acquired in 2010, GSD 0.5 m).  
Base vector layers based on Geoportale Nazionale © Ministero Dell'Ambiente (http://www.pcn.minambiente.it/), OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames (approx. 1:10,000, extracted on 11/10/2013), refined by ITHACA. Source information is included in vector data.  
Population data: Landsat 2010 © UT BATTELLE, LLC.  
All Data sources are complete and with no gaps.

**Dissemination/Publication**  
No restrictions on the publication of the mapping apply.  
Delivery formats are GeoTIFF, GeoPDF, GeoJPEG and vectors (shapelite and KML formats).

**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**  
The present map shows basic topographic features such as transportation, hydrology and settlements in the area of Ginosa (Italy). These basic topographic features are derived from public datasets, refined by means of visual interpretation of pre-event aerial orthoimages (c) 2013 courtesy of AGEA.  
The estimated geometric accuracy of this product is 5 m CE90 or better, from native positional accuracy of the background orthoimage.  
The estimated thematic accuracy of this product is 85% or better, as it is based on visual interpretation of recognizable items on very high resolution optical imagery.  
Map produced on 14/10/2013 by ITHACA under contract 257219 with the European Commission. All products are © of the European Commission.  
Name of the release inspector (quality control): GAF AG (ODO).  
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Civil Protection  
Response  
Reference Map - Overview  
Planning  
Aerial orthoimages (c) AGEA 2013  
07-10-2013