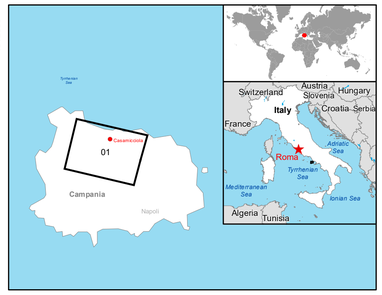
GLIDE number: N/A
Int. Charter Act. ID: N/A

Activation ID: EMSR643
Product N.: 01CASAMICCIOLA, v2

CASAMICCIOLA - ITALY

Mass movement - Situation as of 27/11/2022

Delineation - Overview map 01



Cartographic Information

1:7000

Full color A1, 200 dpi resolution

0 0.125 0.25 0.5 km

N

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

Legend

Crisis Information
- Landslide

General Information
- Area of Interest

Administrative boundaries
- Municipality

Placenames
- Placename

Hydrography
- Coastline
- Stream
- Lake

Facilities
- Power and communication line
- Berthing Structure

Facilities
- Water Well
- Sport and recreation constructions
- Breakwater

Transportation
- Primary Road
- Secondary Road
- Local Road
- Cart Track
- Helipad

Physiography, Built-Up Area & Land Use - Land Cover
Features available in the vector package

Consequences within the AOI			
		Affected	Total in AOI
Landslide	ha		3.7
Estimated population		24	12,454
Built-up	No.	11	3,383
Transportation	km	0.4	81.2
	ha	0.0	0.1
Facilities	km	0.0	0.5
	ha	0.0	19.6
Land use	ha	3.7	1,137.3
Full table available in the vector package			

Map Information

During the night between 25 and 26 November 2022, a cyclone centred over Italy brought heavy rains to central and southern Italy, particularly over the Campania region. The heavy rains triggered a huge mudflow on the mountainside near Casamicciola hamlet on the island of Ischia, just off the coast of Campania. At least ten houses were destroyed and several roads were interrupted by the landslide.

The present map shows the landslide in the area of Casamicciola (Italy). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 3m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 225 sqm.

Relevant date records (UTC)

Event	26/11/2022 04:00	Situation as of	27/11/2022 09:42
Activation	26/11/2022 11:22	Map production	02/12/2022

Data sources

Pre-event image:Pléiades-1A/B © CNES (2022), distributed by Airbus DS (acquired on 21/06/2022 at 10:04 UTC, GSD 0.5 m, approx. 5% cloud coverage in AoI, 9.84° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
Post-event image: Pléiades-1A/B © CNES (2022), distributed by Airbus DS (acquired on 27/11/2022 at 09:42 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 36.17° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics, refined by the producer.
Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2019 https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
Digital Elevation Model: SRTM (30 m) (NASA/USGS) provided under COPERNICUS by the European Union and ESA, all rights reserved.

Disclaimer

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Please be aware that the thematic accuracy might be affected by the suboptimal off-nadir angle.

Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by e-GEOS released by e-GEOS (ODO).

For the latest version of this map and related products visit
https://emergency.copernicus.eu/EMSR643

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