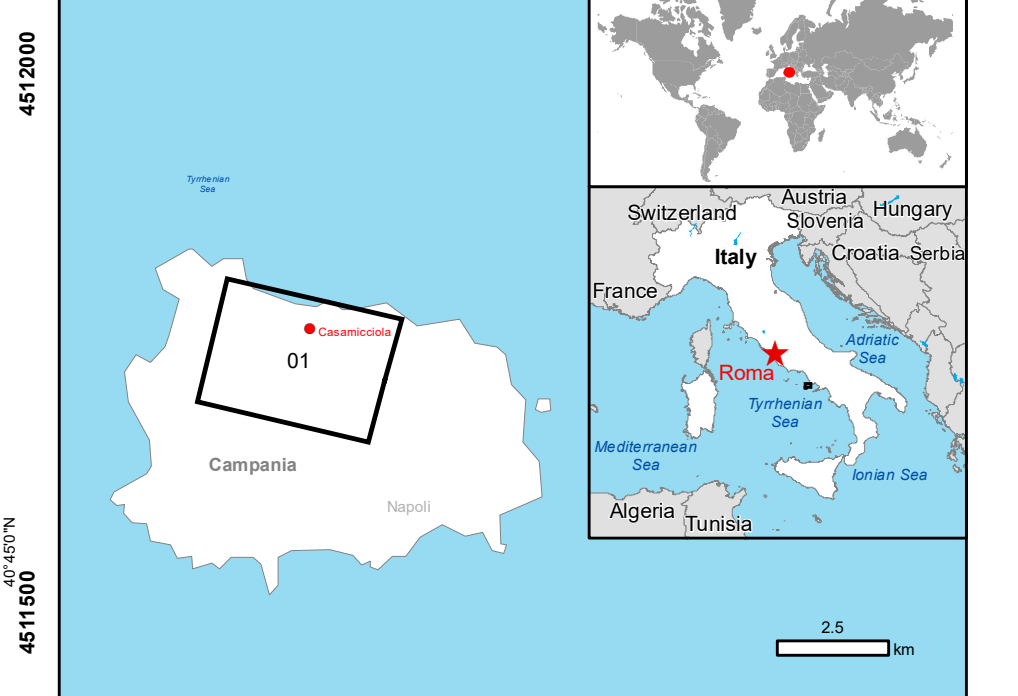


## CASAMICCIOLA - ITALY

### Mass movement - Situation as of 27/11/2022

#### Grading - Overview map 01



**Cartographic Information**

1:7000 Full color A1, 200 dpi resolution

0 0.1 0.2 0.4 Km

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

**Legend**

Crisis Information		Transportation Grading		General Information	
	Flood trace		Road, Destroyed		Area of Interest
	Landslide		Road, Damaged		Detail map
	Destroyed		Road, Possibly damaged		Administrative boundaries
	Possibly damaged		Primary Road, No visible damage		Municipality
			Secondary Road, No visible damage		Placenames
			Local Road, No visible damage		Coastline
			Canal Track, No visible damage		Stream
			Berthing Structure, Damaged		Lake
			Damaged		

Features available in the vector package

**Consequences within the AOI**

	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Landslide	ha				28.2
Flood trace	ha				0.4
Estimated population				354	12,454
Built-up	No.	27	59	132	218
Transportation	km	0.6	3.4	1.6	5.6
Facilities	km	0.0	0.0	0.0	0.0
	ha	0.0	0.1	0.0	0.1
					19.6
	High damage	Moderate damage	Negligible to slight damage	Total affected**	Total in AOI
Land use	ha	NA	NA	28.6	1,137.3

\* Presence of damage proxies and proximity with destroyed/damaged asset  
 \*\* Sum of all damage classes  
 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 damage grade assessment 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 2.5 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 2.5 sq. m.

**Relevant date accuracy (UTC)**

Event	26/11/2022 04:00	Situation as of	27/11/2022 00:00
Activation	26/11/2022 11:22	Map production	29/11/2022

**Data sources**

Pre-event image: Pleiades-1A/B © CNES (2022), distributed by Airbus DS (acquired on 21/06/2022 at 10:04 UTC; GSD 0.5 m, approx. 0% cloud coverage in AOI, 9.7° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
 Post-event image: Aerial data @ European Commission (acquired on 27/11/2022, GSD 0.10 m, approx. 0% cloud coverage) provided under Copernicus by CGR, Compagnia Generale Riprescaeree (S.P.A.), 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](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.

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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).

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