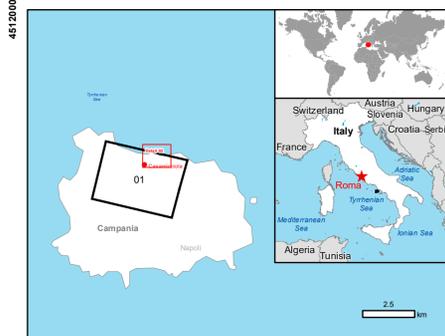


CASAMICCIOLA - ITALY

Mass movement - Situation as of 27/11/2022

Grading - Detail map 02



Cartographic Information

1:2000 Full color A1, 200 dpi resolution



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

Legend

- | | |
|---|---|
| <p>Crisis Information</p> <ul style="list-style-type: none"> Flood trace Landslide <p>Built Up Grading</p> <ul style="list-style-type: none"> Damaged Possibly damaged <p>Transportation Grading</p> <ul style="list-style-type: none"> Road, Damaged Road, Possibly damaged Primary Road, No visible damage Secondary Road, No visible damage Local Road, No visible damage Cart Track, No visible damage | <p>Facilities Grading</p> <ul style="list-style-type: none"> Berthing Structure, Damaged Damaged <p>General Information</p> <ul style="list-style-type: none"> Area of Interest <p>Placenames</p> <ul style="list-style-type: none"> Placename <p>Hydrography</p> <ul style="list-style-type: none"> Coastline Stream Lake <p>Physiography & Land Use - Land Cover</p> <p>Features available in the vector package</p> |
|---|---|

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 records (UTC)

Event	Date	Situation as of	Date
Activation	26/11/2022 04:00	Situation as of	27/11/2022 00:00
	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 Ripresaree (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
 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 (ODD).

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

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