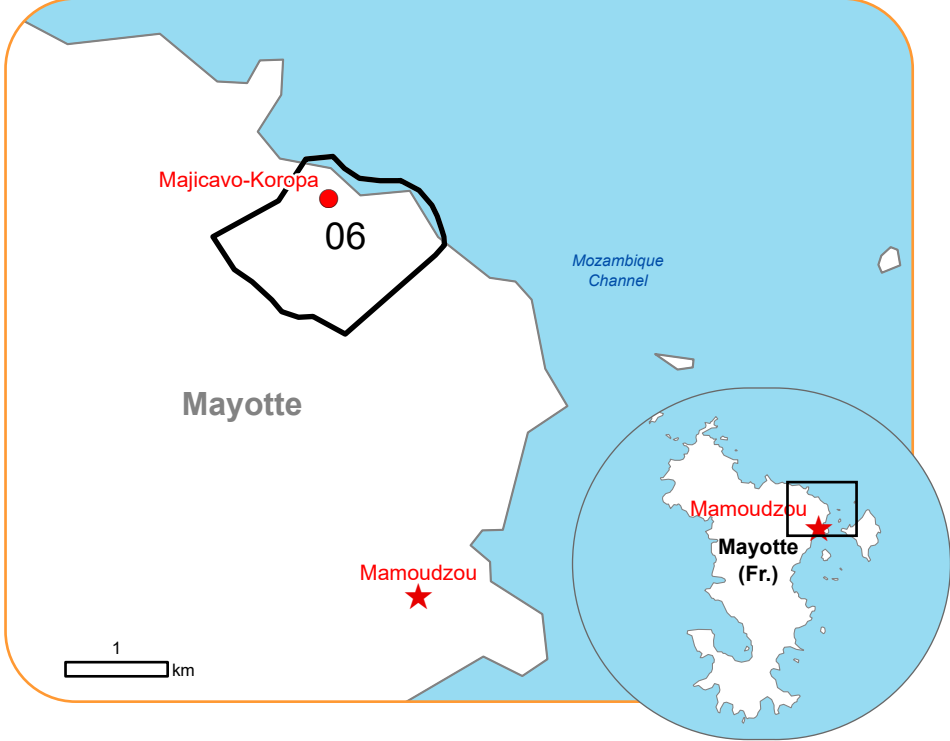




EMSR780 - AOI06
Tropical Cyclone CHIDO in Mayotte
MAJICAVO-KOROPA

Situation as of 15/12/2024 07:16 UTC
Grading - Overview map 01



Potentially affected population
~ Not available

Affected Built-up and Transportations

Built-Up 2,415 No.
Road 7.5 km

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Facilities Grading

- Damaged
- Possibly damaged

Transportation Grading

- Road, Destroyed
- Road, Damaged

Road, Possibly damaged

Main road, No visible damage

Local road, No visible damage

Track, No visible damage

General Information

Area of Interest

Detail map

Not Analysed

Placenames

Placename

Event: On the 13 December 2024 Tropical Cyclone CHIDO is expected to make landfall in Mayotte (red alert declared in the northern part of the island on the 13 December 2024 at 18:00 CAT). Copernicus EMS Rapid Mapping is requested to provide initial rough estimation of the event, its the extent of impacts and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: WorldView-2 © Maxar Technologies, Inc. (2024), (acquired on 03/03/2024 at 07:27 UTC, resolution 0.5 m). Post-event image: Pléiades-1A/B © CNES (2024), distributed by Airbus DS (acquired on 15/12/2024 at 07:16 UTC, resolution 0.5 m). This image is used as background image. All images are provided under COPENICUS by the European Union and ESA, all rights reserved.

The thematic layer has been derived from post-event satellite image by means of visual interpretation.

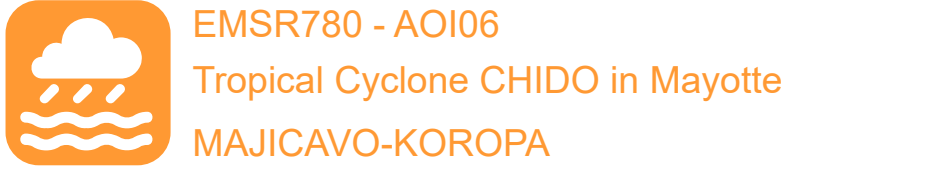
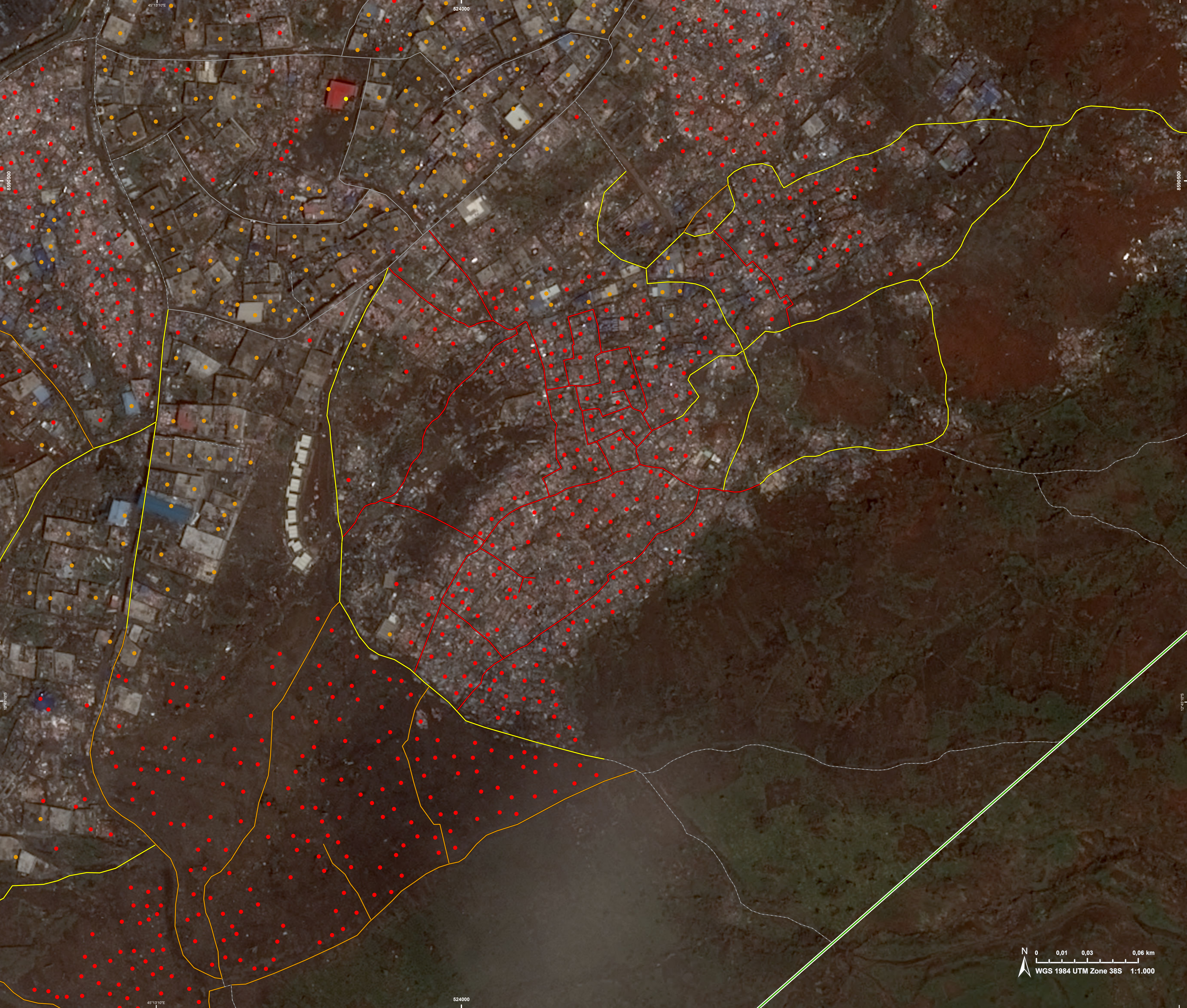
Map produced by ITHACA released by e-GEOS on the 16/12/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR780>

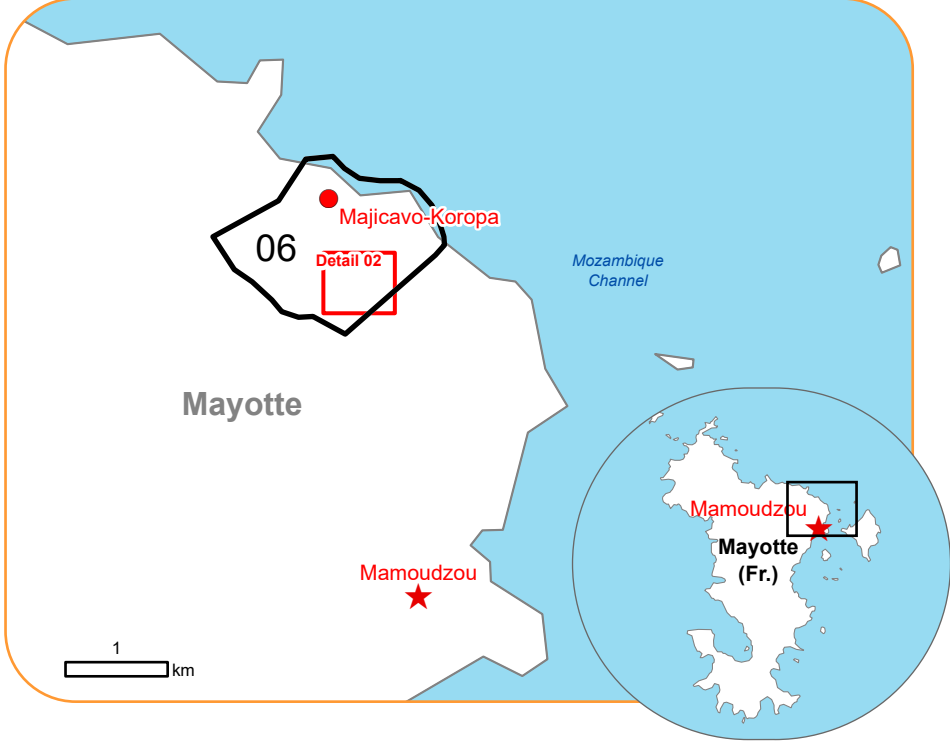


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Situation as of 15/12/2024 07:16 UTC
Grading - Detail map 02



- Built Up Grading**
- Destroyed
 - Damaged
 - Possibly damaged
- Transportation Grading**
- Road, Destroyed
 - Road, Damaged
 - Road, Possibly damaged
 - Local road, No visible damage
 - Track, No visible damage
- General Information**
- Area of Interest

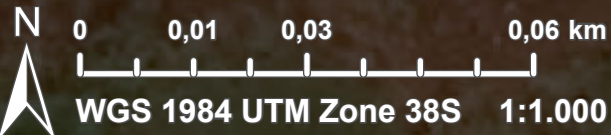
Event: On the 13 December 2024 Tropical Cyclone CHIDO is expected to make landfall in Mayotte (red alert declared in the northern part of the island on the 13 December 2024 at 18:00 CAT). Copernicus EMS Rapid Mapping is requested to provide initial rough estimation of the event, its the extent of impacts and damage assessment emergency mapping.


Data sources and analysis: Pre-event image: WorldView-2 © Maxar Technologies, Inc. (2024), (acquired on 03/03/2024 at 07:27 UTC, resolution 0.5 m).
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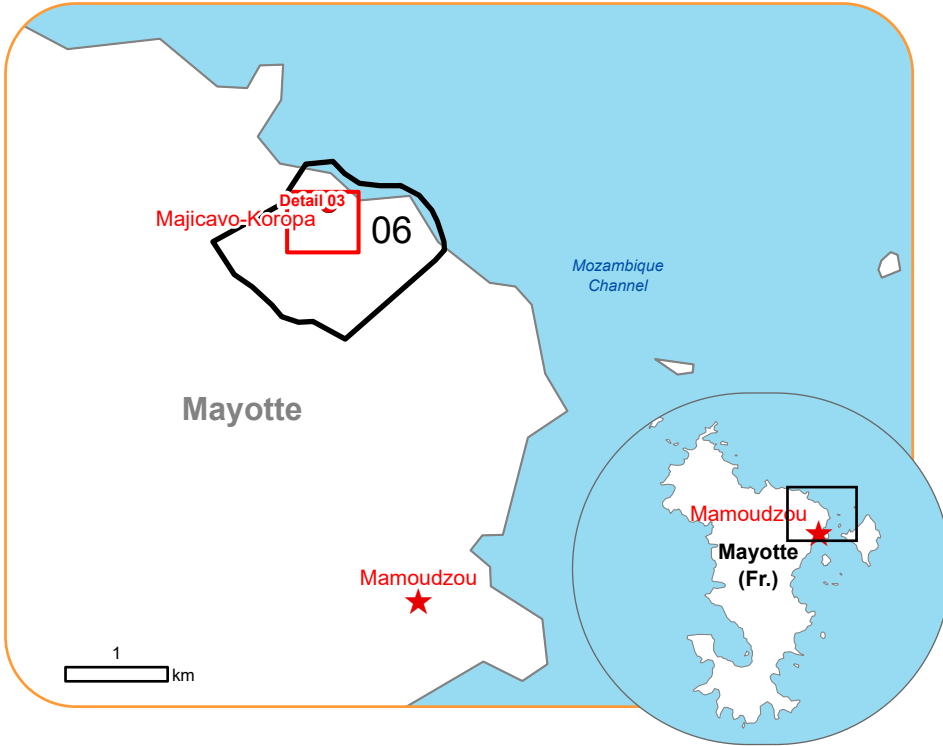
EMSR780 - AOI06

Tropical Cyclone CHIDO in Mayotte

MAJICAVO-KOROPA

Situation as of 15/12/2024 07:16 UTC

Grading - Detail map 03



Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Facilities Grading

- Possibly damaged

Transportation Grading

- Road, Destroyed
- Road, Damaged
- Road, Possibly damaged
- Main road, No visible damage
- Local road, No visible damage
- Track, No visible damage

General Information

- Area of Interest

Placenames

- Placename

Event: On the 13 December 2024 Tropical Cyclone CHIDO is expected to make landfall in Mayotte (red alert declared in the northern part of the island on the 13 December 2024 at 18:00 CAT). Copernicus EMS Rapid Mapping is requested to provide initial rough estimation of the event, its the extent of impacts and damage assessment emergency mapping.

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Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Estimated population	Number of inhabitants					NA	~ 18.000
Built-up	Unclassified	No.	1.337	996	82	2.415	2.415
Transportation	Primary Road	km	0	0	0	0	2,1
	Local Road	km	0	0,2	0,6	0,8	8,0
	Cart Track	km	0	0,8	0,7	1,5	4,7
	No Driveway	km	1,7	1,3	2,2	5,2	9,4
Facilities	Sport and recreation constructions	ha	0	0,1	0,2	0,2	1,4
	Long-distance pipelines, communication and electricity lines	km	0	0	0	0	0,6
Land use	Forests	ha	0	0	0	0	88,7
	Shrub and/or herbaceous vegetation association	ha	0	0	0	0	61,1
	Inland wetlands	ha	0	0	0	0	4,1
	Other	ha	0	0	0	0	77,3
* Presence of damage proxies and proximity with destroyed/damaged asset							
** Sum of all damage classes							

Disclaimer:

Full disclaimer and other helpful information available in the online manual:

<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>

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Data Access:

All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, are available in the Crisis Information Package and the Base Layer Package (for reference data).

The table above is available in editable format in the Crisis Information Package.

All products and data are also available for download on the portal.

Estimated Population:

Estimated population is based on Copernicus Global Human Settlement Layer (GHSL) dataset.

Additional population datasets and analysis are available in the summary table.

Data Sources:

Base Vector Layers: OpenStreetMap © OpenStreetMap contributors (2024), Wikimapia.org, GeoNames 2015,

Global Administrative Areas (2012), refined by the producer, Copernicus Global Land Service: Land Cover (2019).

Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015.

Digital Elevation Model: FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30

Digital Elevation Model (DEM) (Airbus,2020).

Access to the portal



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