

## Kasese - UGANDA

### Mass movement - Situation as of 01/06/2020

#### Delineation - Overview map 01

#### Cartographic Information

1:100000

Full color A1, 200 dpi resolution

0 2.5 5 10 km

Grid: WGS 1984 UTM Zone 35N map coordinate system  
Tick marks: WGS 84 geographical coordinate system

#### Crisis Information

Flooded Area  
(01/06/2020 08:30 UTC)

Landslide

#### General Information

Area of Interest

Not Analysed

#### Placenames

Placename

#### Hydrography

River

Stream

Lake

Reservoir

#### Facilities

Construction for mining or extraction

#### Transportation

Primary Road

Secondary Road

Local Road

Cart Track

Long-distance railway

Airfield runway

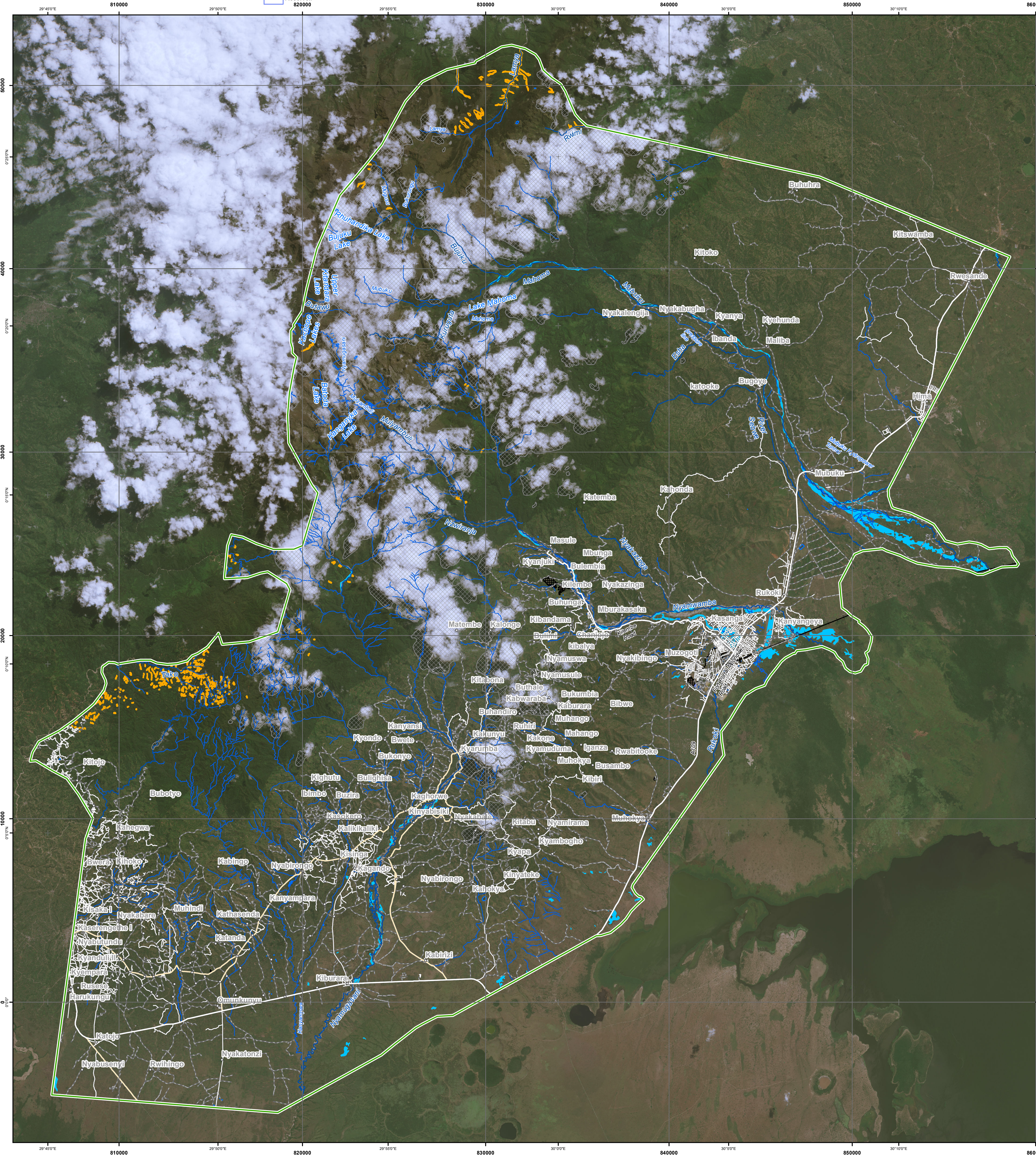
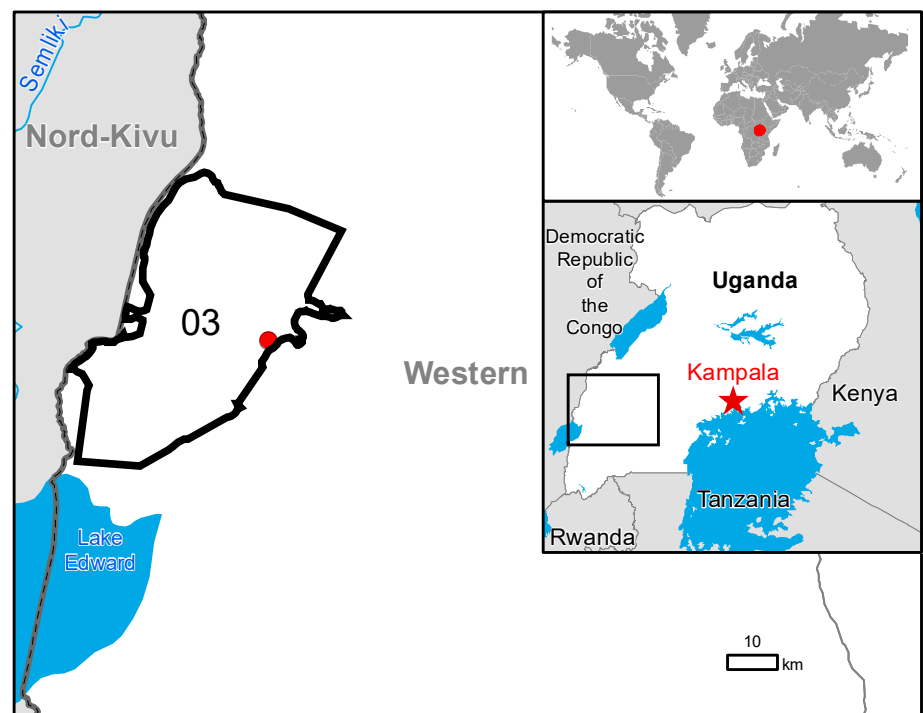
#### Physiography & Land Use - Land Cover

Features available in the vector package

#### Legend

#### Consequences within the AOI

	Unit of measurement	Affected	Total in AOI
Landslide	ha	267.7	
Flooded area	ha	1334	
Estimated population	Number of inhabitants	533649	
Transportation			
Airfield runways	km	0.0	0.1
Primary Road	km	0.6	96.1
Secondary Road	km	0.0	65.7
Local Road	km	13.5	614.5
Cart Track	km	21.2	1724.9
Long-distance railways	km	1.4	23.6
Facilities			
Constructions for mining or extraction	ha	0.0	58.6
Land use			
Heterogeneous agricultural areas	ha	886.6	81012.7
Forests	ha	250.2	41603.6
Shrub and/or herbaceous vegetation association	ha	354.8	44968.4
Open spaces with little or no vegetation	ha	0.0	6.9
Other	ha	113.1	1584.7



#### Map Information

The Ministry of Water and Environment of the Republic of Uganda has requested international assistance to UNEP further to unprecedented flooding and continued rising water levels due to intense and prolonged rainfall since September 2019. As per government figures, an estimated 705,000 people across 53 districts were reportedly affected, with more than 63,000 displaced. The majority of the affected population (56%) lives in the Kasese District in the Rwenzoris. Flood risks around Lake Kyoga are worsening and the impacts not yet quantified.

The present map shows the flood event delineation in the area of Kasese (Uganda). The thematic layer has been derived from post-event satellite image by means of visual interpretation. "Not analysed" indicates an area that could not be analysed in any of the post-event images. The estimated geometric accuracy (RMSE) is 10 m or better, from native positional accuracy of the background satellite image.

#### Data sources

Pre-event image: Sentinel-2B (2020), (acquired on 07/04/2020 at 08:30 UTC, GSD 10 m, approx. 30 % cloud coverage in AOI, 2.4° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.

Post-event image: Sentinel-2A (2020), (acquired on 01/06/2020 at 08:30 UTC, GSD 10 m, approx. 15 % cloud coverage in AOI, 2.4° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2012, Globe Land 30 (2010), Global Administrative Areas (2012), refined by the producer.

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

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)

#### Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.

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

Map produced by SIRS released by SERTIT (ODD).

For the latest version of this map and related products visit  
<https://emergency.copernicus.eu/EMSR446>

Jrc-ems-rapidmapping@ec.europa.eu  
© European Union  
For full Copyright notice visit <https://emergency.copernicus.eu/mapping/ems-cite-copernicus-ems-mapping-portal>

#### Relevant date records (UTC)

Event	21/07/2020 07:59	Situation as of	01/06/2020 08:30
Activation	21/07/2020 07:59	Map production	22/07/2020