

This service summarizes current satellite mapping activities of interest to GDACS stakeholders. It is issued weekly and based on contributions from map-producing entities and GDACS partners.

Satellite mapping overview

As of 16 April 2018

Oceania

Fiji Tropical Cyclone – GLIDE number: TC-2018-000037-FJI

On the 8th April 2018 a tropical storm named KENI-18 originated in the Pacific and made landfall on the Southwest Viti Levu Island, Fiji on the 10 April 2018 (12:00 UTC). UNITAR-UNOSAT has released a population exposure analysis of the event over Fiji.

Source: UNITAR-UNOSAT

Link: http://www.unitar.org/unosat/node/44/2783?utm_source=unosat-unitar&utm_medium=rss&utm_campaign=maps

Papua New Guinea earthquake – GLIDE number: EQ-2018-000020-PNG

Following the M 7.5 earthquake that hit Papua New Guinea on the 25th February 2018, UNITAR-UNOSAT has released a report on the damage status of Cultural and Natural heritage sites. In total 2 sites have been analysed, the Kikori River Basin and the Sublime Karsts, on the World Heritage Tentative List. The analysis shows that these areas have been affected by landslides, river diversion and lake overflow.

Source: UNITAR-UNOSAT

Link: http://www.unitar.org/unosat/node/44/2784?utm_source=unosat-unitar&utm_medium=rss&utm_campaign=maps

Europe

Spain forest fires – Copernicus number: EMSR278

On the 8th April 2018 a forest fire started in Granadilla de Abona, in the south of Tenerife, Canary Islands and raged also through Lunar de Vilaflor. Due to the strong wind and the slope of the area the firefighting has been difficult to conduct. Copernicus Emergency Management Service has been activated for this event and has released a fire delineation map and a land-use grading map.

Source: Copernicus EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR278>

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Spain flood – Copernicus number: EMSR279

The Ebro basin has been flooding since the 12th April 2018 due to snowmelt from the Pyrenees. The floods occurred in Castejon (Navarra) and in Zaragoza, causing one casualty. Copernicus Emergency Management Service is monitoring the Ebro River along the areas of Alfaro, Caspe, Pamplona, Tudela, Vitoria, Gasteiz and Zaragoza.

Source: Copernicus EMS

Link: <http://emergency.copernicus.eu/mapping/list-of-components/EMSR279>

This summary is compiled by the GDACS mapping & satellite imagery coordination mechanism, operated by the UNITAR Operational Satellite Applications Programme (UNOSAT).

When referring to this summary, please credit: GDACS, UNITAR-UNOSAT.

For comments, questions and to submit information on satellite image derived products, please contact: maps@gdacs.org

Sources indicate satellite analysis production entities and imagery providers. The products referenced in this summary are based on remote satellite imagery and may not be validated in the field prior to release, in which case findings are based only on what is observed in the satellite imagery.