

**** February 2021 News from Sentinel Asia Project Office ****

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Topics:

1. [News] Latest Emergency Observations of Disasters
2. Information
3. How to send Emergency Observation Request
4. Using Sentinel Asia Operation System, OPTEMIS

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1. [News] Latest Emergency Observation of Disasters (as of 25 February)

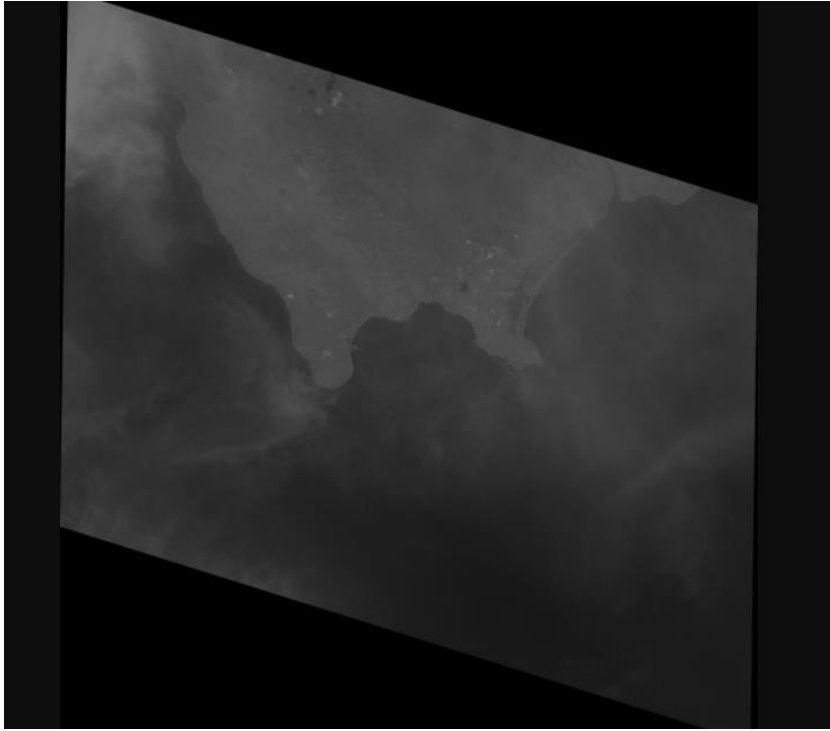
(1) Earthquake in Indonesia

A magnitude 6.2 Earthquake occurred in Majene, Indonesia on 15 January 2021. At least eight people died, 637 were injured and 15,000 residents had been displaced, according to the country's National Board for Disaster Management (BNPB). Also, in the neighboring Mamuju area, an additional 26 deaths were reported

<https://edition.cnn.com/2021/01/14/asia/indonesia-sulawesi-earthquake-intl-hnk/index.html>

Indonesian National Institute of Aeronautics and Space (LAPAN) made an Emergency Observation Request (EOR) to Sentinel Asia on 15 January. This EOR was escalated to the International Disaster Charter. LAPAN assumed the role of Project Manager (PM) for this Disasters Charter activation. Among Data Provider Nodes (DPNs), Indian Space Research Organization (ISRO), Centre for Remote Imaging, Sensing and Processing (CRISP), Mohammed Bin Rashid Space Centre (MBRSC) and Japan Aerospace Exploration Agency (JAXA) provided their observation data. Among Data Analysis Nodes (DANs), Earth Observatory of Singapore (EOS) provided their VAPs. The information on the latest response by Sentinel Asia is available from the following link.

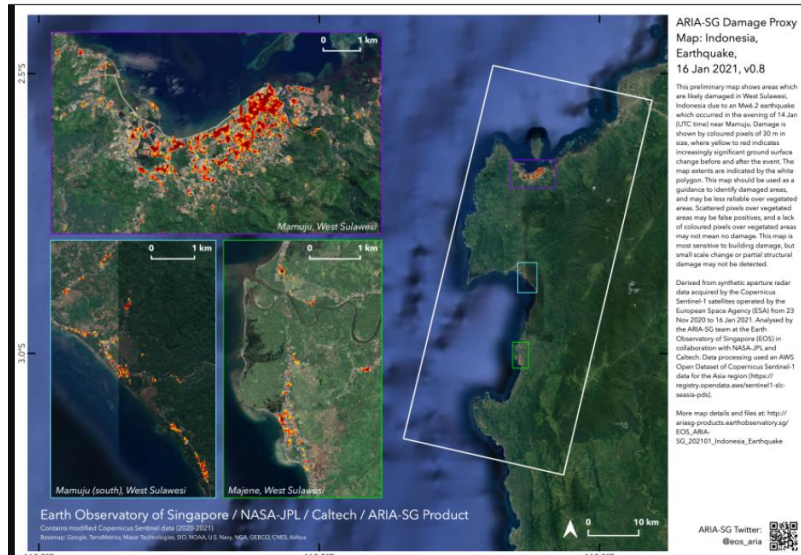
<https://sentinel-asia.org/EO/2021/article20210115ID.html>



Satellite image (TeLEOS-1) provided by CRISP



Satellite image (KhalifaSat) provided by MBRSC



Value Added Product by EOS

(2) Flood, Landslide and Storm in Philippines

Tropical Storm "Auring" (international name: Dujan) hit the Philippines on 21 February 2021, which induced floods and landslides. CNN Philippines reported that 2,000 families were already evacuated, and rice fields in the town were also submerged in flood, with damage to agriculture estimated.

Manila Observatory (MO) made an Emergency Observation Request (EOR) to Sentinel Asia on 21 February. This EOR was escalated to the International Disaster Charter. MO assumed the role of Project Manager (PM) for this Disasters Charter activation. The information on the latest response by Sentinel Asia is available from the following link.

<https://sentinel-asia.org/EO/2021/article20210221PH.html>

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2.[Information]

Sentinel Asia has uploaded the list of "ALL" emergency observation responses (over 300!) on the Sentinel Asia web portal.

<https://sentinel-asia.org/EO/EmergencyObservation.html>

You can browse, all VAPs (estimated flood maps and others provided by DANs), and thumbnails of satellite images on the site.

It would be great if they could help you understand our work, operation and efforts.

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3. How to send Emergency Observation Request

JPT member organizations are entitled to send Emergency Observation Request

