

** December 2023 News from Sentinel Asia Project Office **

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Topics:

1. [News] Emergency Observation of Disasters
2. [News] Announcement of Website Renewal
3. How to Send an Emergency Observation Request
4. Using the Sentinel Asia Operation System, OPTEMIS

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1. [News] Emergency Observation of Disasters (as of 27 December)

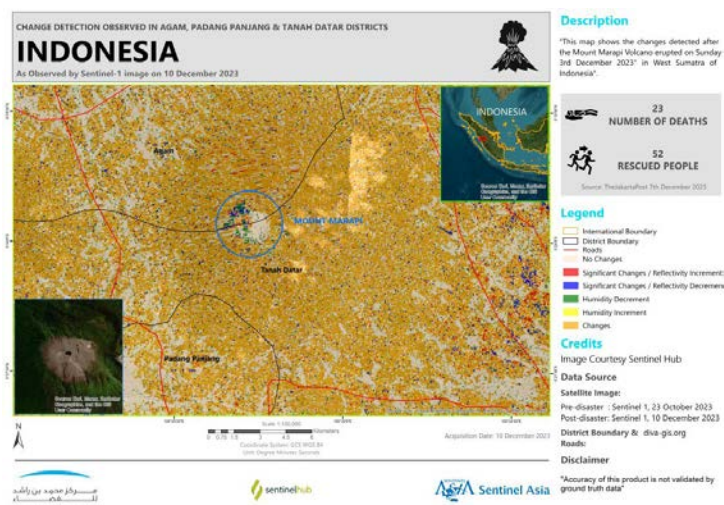
(1) Volcano eruption in Indonesia on 03 December, 2023 (GLIDE Number [VO-2023-000247-IDN](#))

CNN reported that Indonesia's Marapi volcano in West Sumatra Province erupted on 03 December, 2023, spewing volcanic ash as high as 3,000 meters (9,843 ft) into the air, according to country's disaster management agency BNPB. Authorities have barred residents and visitors from carrying out any activities within 3 kilometers of the crater and have set the second-highest alert level for Marapi mountain.

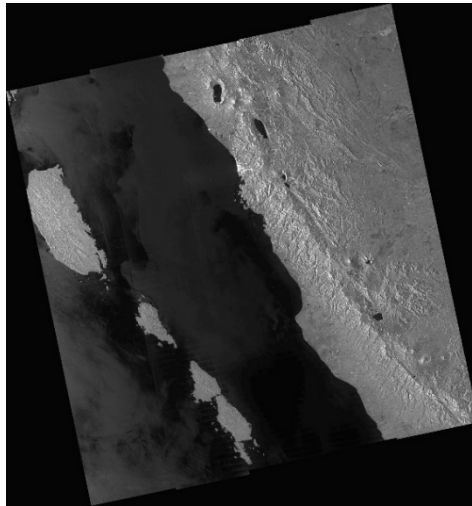
<https://edition.cnn.com/2023/12/03/asia/indonesia-marapi-volcano-erupts-intl/index.html#:~:text=Volcanic%20ash%20spews%20from%20Mount%20Marapi%20in%20West,air%2C%20according%20to%20country%2E%80%99s%20disaster%20management%20agency%20BNPB.>

The National Research and Innovation Agency (BRIN) made an EOR to Sentinel Asia on 05 December and this EOR was escalated to the International Disasters Charter. Geoinformatics Center - Asian Institute of Technology (GIC-AIT) assumed the role of Project Manager for this Charter activation. Among DPNs, JAXA, and ISRO provided data. Among DANs, MBRSC provided its VAP. Information on the latest response by Sentinel Asia is available at the link below.

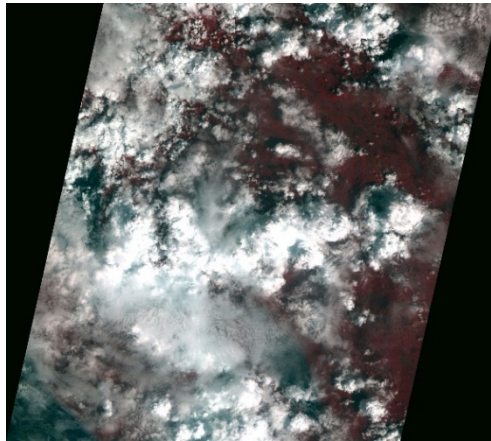
<https://sentinel-asia.org/EO/2023/article20231203ID.html>



Value-Added Product by MBRSC



Post-disaster satellite image (ALOS-2) provided by JAXA



Post-disaster satellite image (Resourcesat-2a) provided by ISRO

(2) Earthquake in China on 18 December, 2023 (GLIDE Number [EQ-2023-000252-CHN](#))

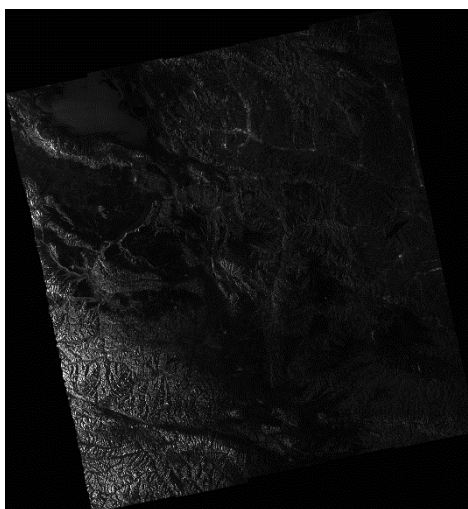
According to ReliefWeb, at 15:59 UTC (23:59 local time) on 18 December, an earthquake with a depth of 10 km and a magnitude of 5.9 occurred in Gansu Province. The epicenter was about 37 km west-northwest of Linxia Chengguan Township and about 100 km southwest of Lanzhou City, the capital and largest city of Gansu Province.

At least 118 people were killed and more than 500 injured. In addition, 20 people are missing as a result of the landslide caused by the quake.

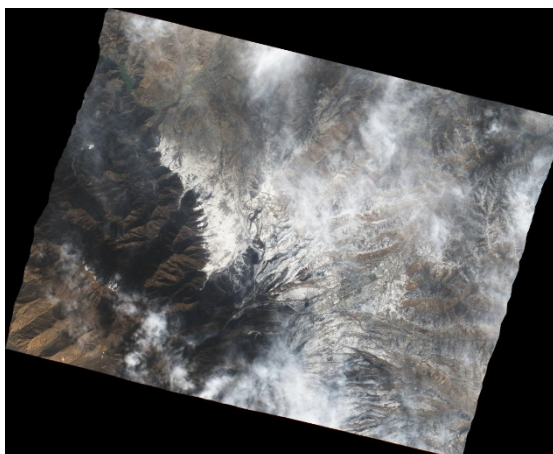
<https://reliefweb.int/report/china/china-earthquake-gdacs-usgs-media-echo-daily-flash-19-december-2023>

The Institute of Geology, China Earthquake Administration (IGCEA) made an EOR to Sentinel Asia on 19 December. Among DPNs, JAXA, and TASA provided data. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2023/article20231218CN.html>



Post-disaster satellite image (ALOS-2) provided by JAXA



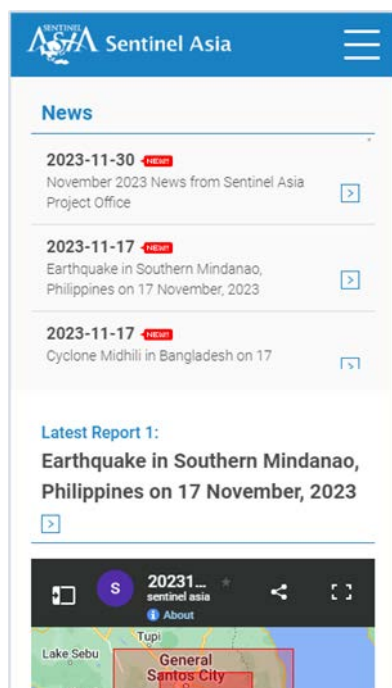
Post-disaster satellite image (FORMOSAT-5) provided by TASA

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2. [News] Announcement of Website Renewal

The Sentinel Asia Secretariat is pleased to inform you that we have renewed our website to make it more accessible and comfortable to see web content on your smartphone. Due to this renewal, some pages may not be displayed correctly. In that case, please refresh the screen or clear the cache. We appreciate your continuous support.

【Mobile view】



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3. How to send an Emergency Observation Request

JPT member organizations are entitled to send an Emergency Observation Request (EOR) for disasters in the Asia-Pacific region. Please refer to [https://sentinel-asia.org/e-learning/Emergency Observation Request.html](https://sentinel-asia.org/e-learning/Emergency_Observation_Request.html).

EOR Order Desk:

Asian Disaster Reduction Center (ADRC)

HP: <http://www.adrc.asia/>

E-mail: sarequest@adrc.asia

FAX: +81-78-262-5546,

TEL: +81-78-262-5540

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4. Using Sentinel Asia Operation System, OPTEMIS

Sentinel Asia launched a new operation system, OPTEMIS. Please refer to the website on how to create an account for OPTEMIS.

[https://sentinel-asia.org/e-learning/Emergency Observation Request.html](https://sentinel-asia.org/e-learning/Emergency_Observation_Request.html)

