

**** May 2025 News from Sentinel Asia Project Office ****

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Topics:

1. [News] Emergency Observation of Disasters (as of 29 May)
2. Sentinel Asia Annual Report 2023 has been issued
3. How to send an Emergency Observation Request
4. Using Sentinel Asia Operation System, OPTEMIS

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1. [News] Emergency Observation of Disasters (as of 29 May)

(1) GLOF in Humla, Nepal on 15 May, 2025 (GLIDE Number FF-2025-000065-NPL)

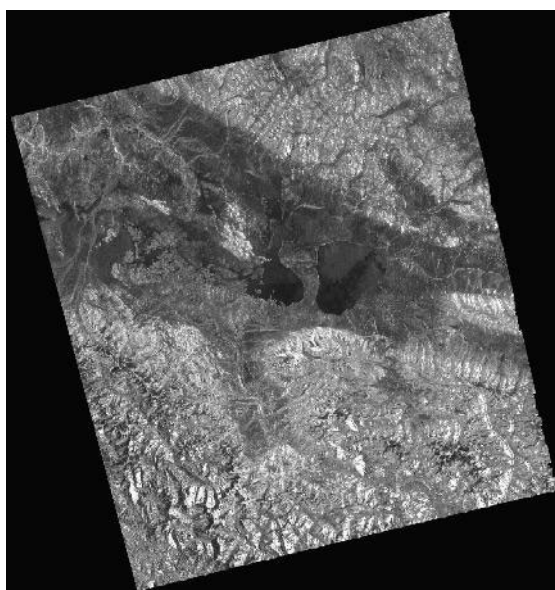
Nepalkhabar reported that two glacial lakes in Nepal's Humla District burst on 15 May, triggering flash floods. Five bridges were swept away, and 32 residents were relocated to a safer area after their homes were damaged.

<https://en.nepalkhabar.com/news/detail/13863/>

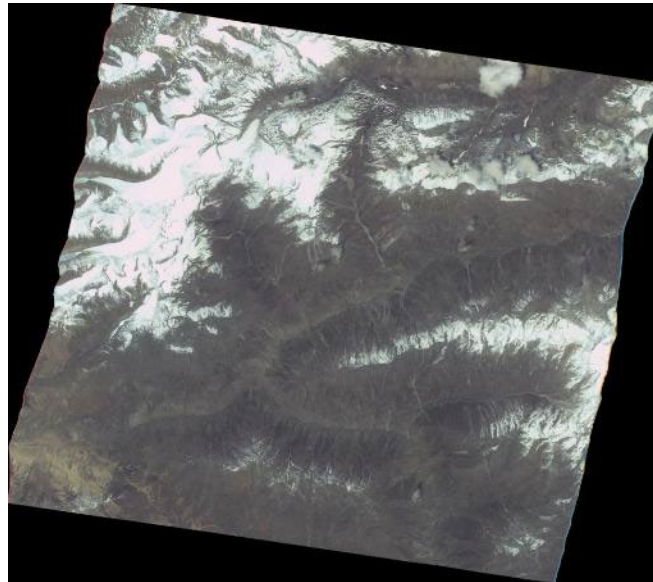
The Department of Hydrology and Meteorology (DHM), Ministry of Energy, Water Resources and Irrigation of Nepal made an Emergency Observation Request (EOR) to Sentinel Asia on 18 May. Among Data Provider Nodes (DPNs), ISRO and TASA provided data. Among Data Analysis Nodes (DANs), EOS provided their Value-Added Products (VAPs).

Information on the latest response by Sentinel Asia is available at the link below.

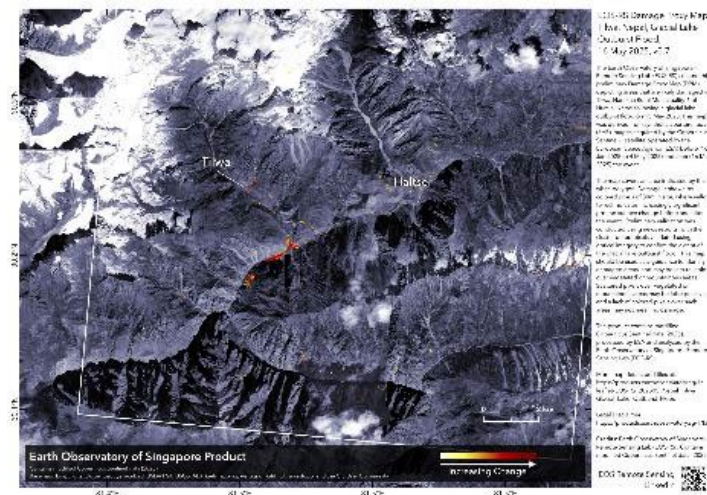
<https://sentinel-asia.org/EO/2025/article20250515NP.html>



Post-disaster satellite image (EOS-04) provided by ISRO



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



Value-Added Product by EOS

(2) Flood and Landslide in Northern Vietnam on 18 May, 2025 (GLIDE Number FL-2025-000066-VNM)

Vietnam's northern area suffered heavy rain on 17 and 18 May. According to the Asia News Network dated 20 May, Lai Châu Province reported five deaths and four injuries, while Bắc Kạn Province confirmed four deaths and three injuries.

<https://asianews.network/at-least-nine-dead-as-heavy-rain-landslides-batter-vietnams-northern-provinces/>

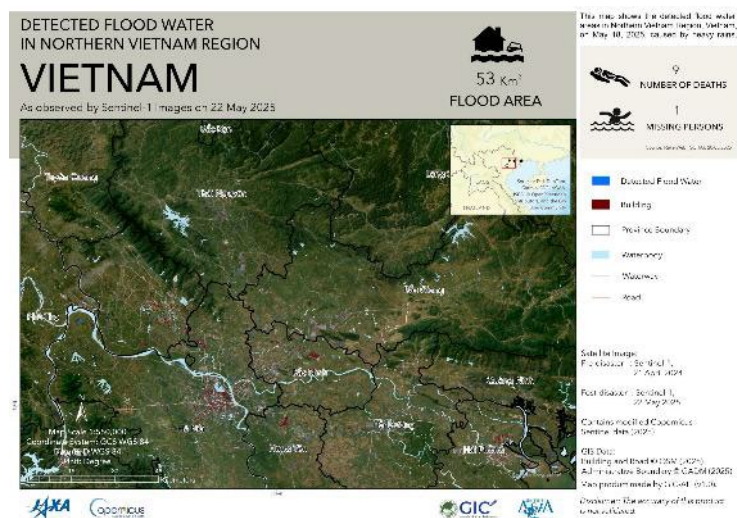
The Ministry of Agriculture and Environment (MAE) of Vietnam made an EOR to Sentinel Asia on 20 May. Among DPNs, JAXA provided data. Among DANs, AIT and EOS provided their VAPs.

Information on the latest response by Sentinel Asia is available at the link below.

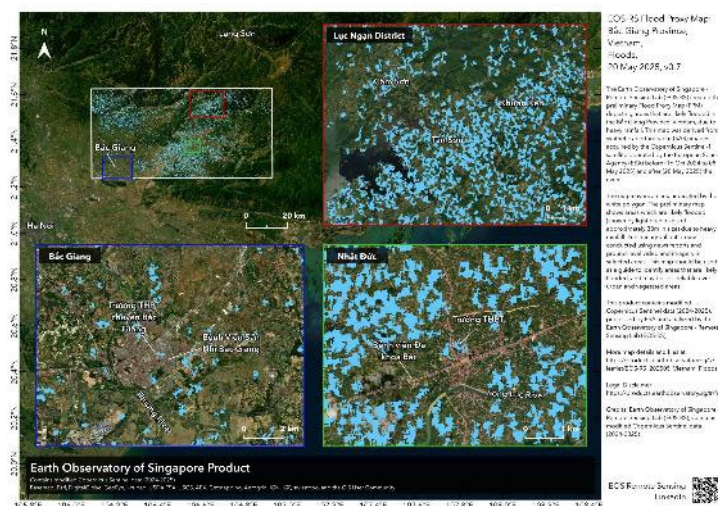
<https://sentinel-asia.org/EO/2025/article20250518VN.html>



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



Value-Added Product by AIT



Value-Added Product by EOS

(3) Flood and Landslide in Central Vietnam on 25 May, 2025 (GLIDE Number FL-2025-000069-VNM)

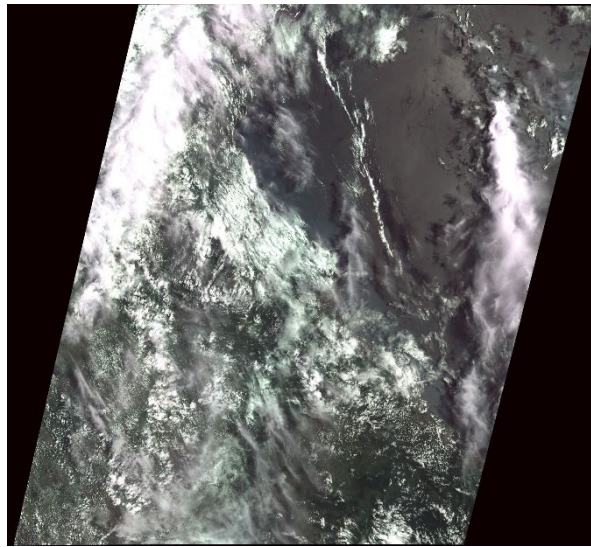
Ha Tinh Province in central Vietnam suffered unusually heavy rain on 24 to 25 May. The rain caused vast damage to the local infrastructure and agriculture.

<https://www.vietnam.vn/en/ha-tinh-mua-lon-khien-nhieu-khu-vuc-ngap-sau>

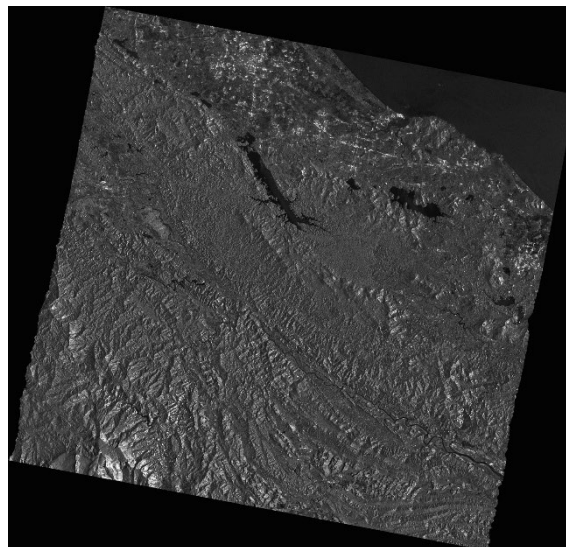
MAE of Vietnam made an EOR to Sentinel Asia on 26 May. Among DPNs, ISRO and JAXA provided data. Among DANs, AIT and JAXA provided their VAPs.

Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2025/article20250525VN.html>



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



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



Value-Added Product by AIT

(4) Oil and Chemical spill in India on 25 May, 2025 (GLIDE Number AC-2025-000070-IND)

On 25 May, a cargo ship carrying oil and hazardous materials capsized and sank off the coast of Kerala state in southern India, according to the BBC. All 24 crew members on board were rescued, but some of the ship's 640 containers have drifted toward the shore, prompting the evacuation of nearby residents. Oil, fuel, and other chemical substances have leaked, raising concerns about potential environmental damage.

<https://www.bbc.com/news/articles/cdd2mr388ypo>

ISRO made an EOR to Sentinel Asia on 26 May.

Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2025/article20250525IN.html>

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2. Sentinel Asia Annual Report 2023 has been issued

Sentinel Asia's activity report for 2023 has been published. In 2023, Sentinel Asia received 27 Emergency Observation Requests from its Joint Team Project (JPT) members.

The report features, among others, (i) a detailed review on EORs conducted in 2023 including good practices; (ii) external relations such as news, publications, and reports on conferences; and (iii) an analytical survey of Sentinel Asia's operations.

After the COVID-19 pandemic subsided, the Sentinel Asia JPT Meeting (JPTM) was held in September 2023 at the Indonesian National Research and Innovation Agency (BRIN) in Jakarta, Indonesia. The 8th JPTM, which was held for the first time in about four years since the meeting held in Thailand in November 2019, was attended by 85 people from 35 institutions, who shared their activities and other information.

The Annual Report is available on the Sentinel Asia web page at
https://sentinel-asia.org/reports/Reports/SA_Annual_Report_2023.pdf

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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

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

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