

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

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Topics:

1. [News] Emergency Observation of Disasters (as of 25 November)
2. How to send an Emergency Observation Request
3. Using Sentinel Asia Operation System, OPTEMIS

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

(1) Convergence of Glacier in Safedob, Tajikobat district, Tajikistan on 25 October, 2025 (GLIDE Number AV-2025-000199-TJK)

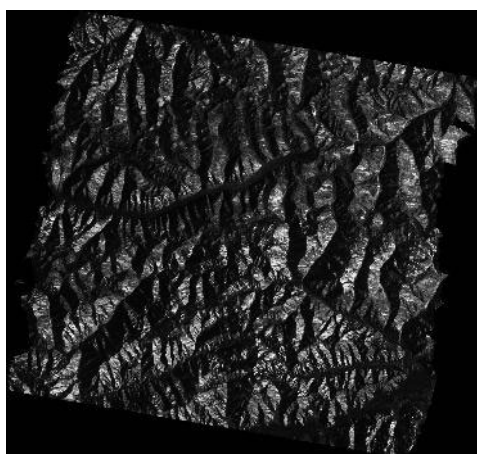
On October 25, 2025, a massive chunk of ice measuring up to 1,500 meters in length and 50 meters in height broke off from the Dehdal Glacier in the Tojikobod district of Tajikistan, Kazinform News Agency reported. The collapse did not result in any immediate casualties or damage.

<https://qazinform.com/news/massive-glacier-collapses-in-tajikistan-1a7e50>

Central Asian Institute of Applied Geosciences (CAIAG) made an Emergency Observation Request (EOR) to Sentinel Asia on 28 October. Among Data Provider Nodes (DPNs), ISRO, JAXA, and JSC National Company Kazakhstan Gharysh Sapary (KGS) provided data. Among Data Analysis Nodes (DANs), AIT, JAXA, and MBRSC provided their value-added products (VAPs).

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

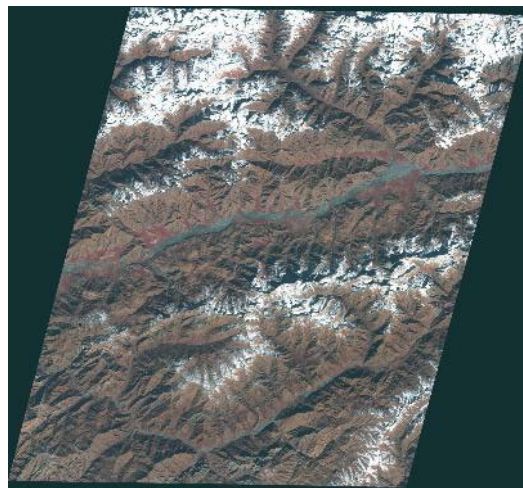
<https://sentinel-asia.org/EO/2025/article20251025TJ.html>



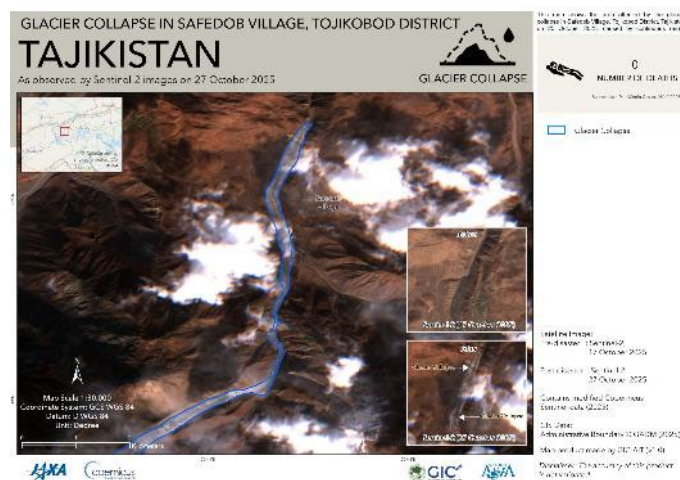
Post-disaster satellite image (ALOS-2) provided by JAXA



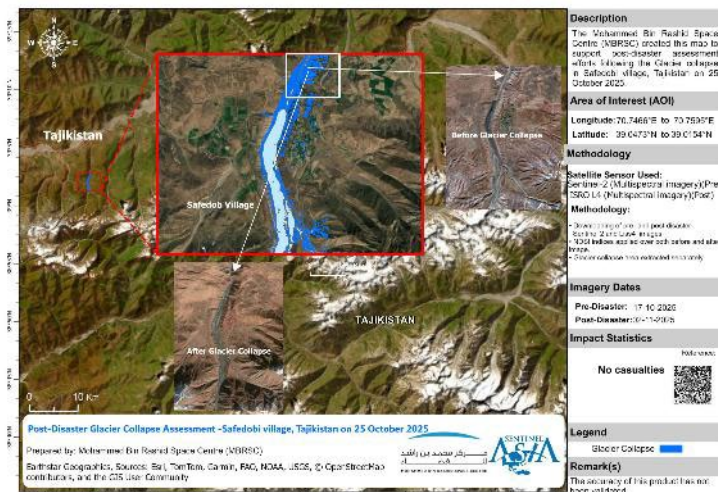
Post-disaster satellite image (KazEOSat-1) provided by KGS



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



Value-Added Product by AIT



Value-Added Product by MBRSC

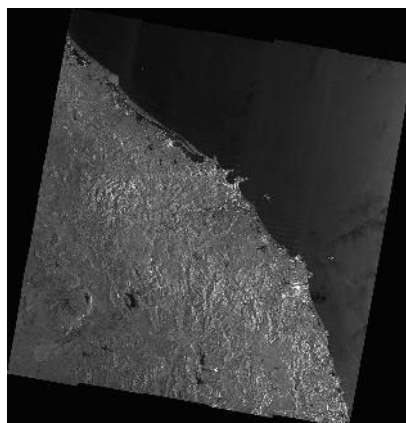
(2) Flood in Central Vietnam on 26 October, 2025 (GLIDE Number FL-2025-000198-VNM)

According to Al Jazeera, heavy rains have triggered record-breaking floods in central Vietnam, especially in Hue. As of 28 October, Vietnam's disaster management agency recorded more than 1,000 millimeters of rainfall over a 24-hour period ending late on 27 October in parts of Hue and Hoi An. More than 8,600 people in four central provinces were evacuated due to risk of severe flooding and landslides.

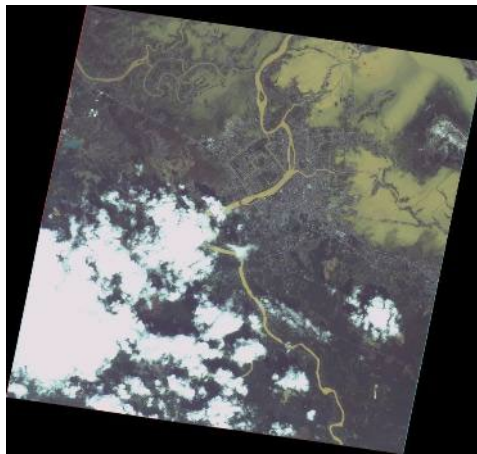
<https://www.aljazeera.com/news/2025/10/28/record-rains-drive-flooding-in-vietnam-submerging-ancient-city>

The Ministry of Agriculture and Environment (MAE) of Vietnam made an EOR to Sentinel Asia on 29 October. Among DPNs, JAXA and TASA provided their data. Among DANs, AIT, the Institute of Water Modelling (IWM) of Bangladesh, and MBRSC provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2025/article20251026VN.html>



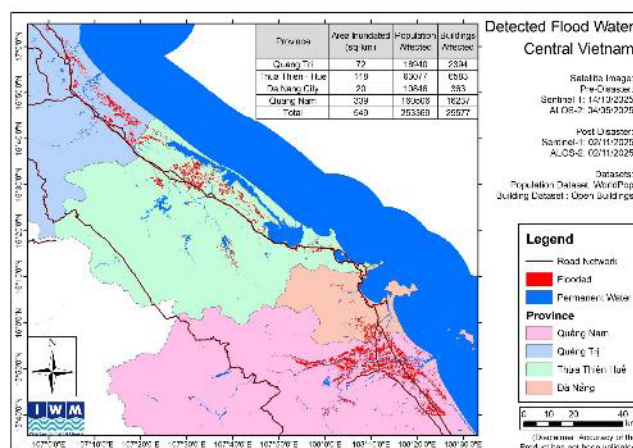
Post-disaster satellite image (ALOS-2) provided by JAXA



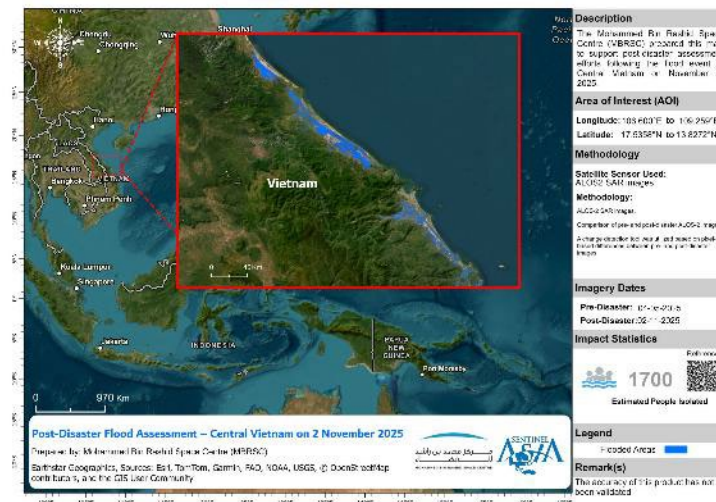
Post-disaster satellite image (FORMOSAT-5) provided by TASA



Value-Added Product by AIT



Value-Added Product by IWM



Value-Added Product by MBRSC

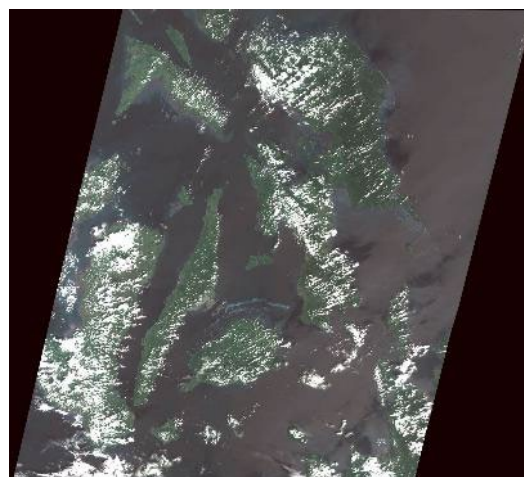
(3) Flood Due to Typhoon KALMAEGI in Philippines on 04 November, 2025 (GLIDE Number TC-2025-000203-PHL)

According to a report by ABS-CBN, Typhoon Kalmaegi, known as Typhoon Tino in the Philippines, made landfall on Cebu Island on 4 November, bringing strong winds and heavy rains. Several areas in Cebu experienced power outages and flooding due to the typhoon. Over 100 families have been evacuated. Signal No. 4, indicating severe threat to life and property, was raised for many areas in the Visayas islands.

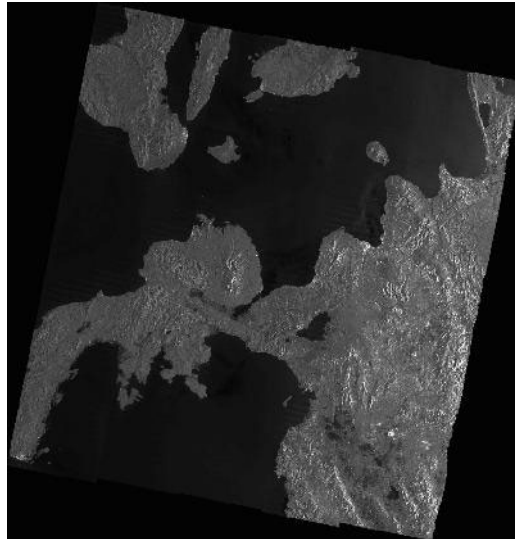
<https://www.abs-cbn.com/news/regions/2025/11/4/typhoon-tino-wallops-cebu-signal-no-4-in-several-areas-0705>

The Philippine Space Agency (PhilSA) made an EOR to Sentinel Asia on 4 November. Among DPNs, ISRO and 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/article20251104PH.html>



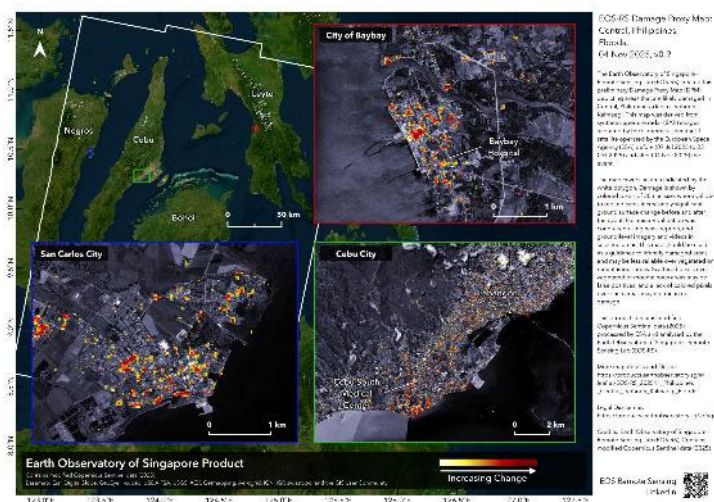
Post-disaster satellite image (Resourcesat-2) provided by ISRO



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



Value-Added Product by AIT



Value-Added Product by EOS

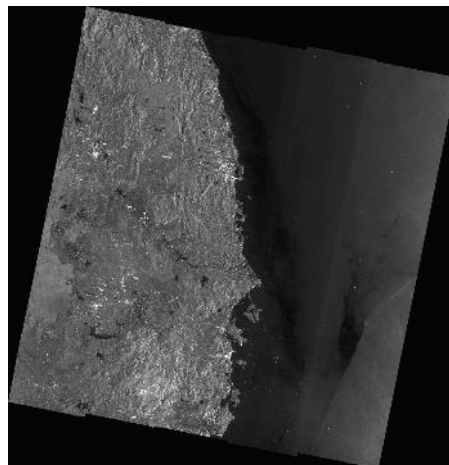
(4) Flood Due to Typhoon KALMAEGI in Vietnam on 06 November, 2025 (GLIDE Number TC-2025-000203-VNM)

After passing the Philippines, "Kalmaegi" hit the central region of Vietnam from the night of 6 November to the morning of 7 November. The area from Da Nang to Khanh Hoa and neighboring provinces suffered strong winds, high waves, heavy rain, and risk of flooding and landslides. Kalmaegi weakened after leaving at least nine people killed and six others injured. The flooding inundated more than 103,000 houses, mostly in Hue and Danang, and 52 houses collapsed and nearly 2,600 were damaged, Hanoi Times reported.

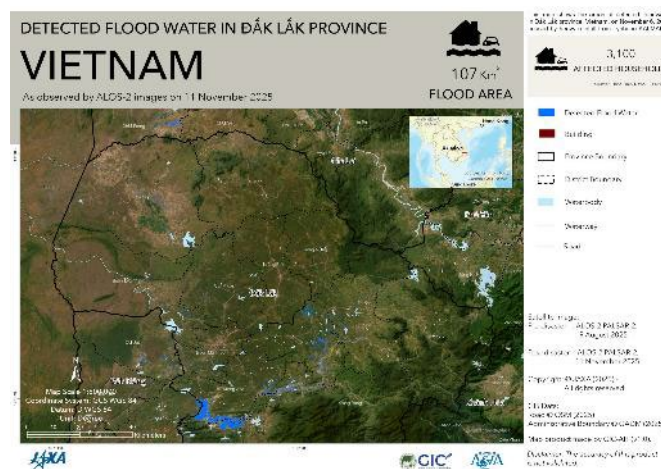
<https://hanoitimes.vn/typhoon-kalmaegi-weakens-after-leaving-nine-dead-six-injured-in-central-vietnam.900892.html>

MAE made an EOR to Sentinel Asia on 5 November in advance based on the forecast. Among DPNs, JAXA provided data. Among DANs, AIT, EOS, and MBRSC provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

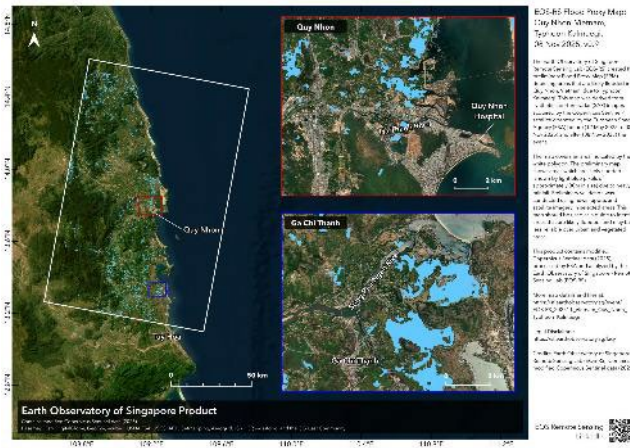
<https://sentinel-asia.org/EO/2025/article20251106VN.html>



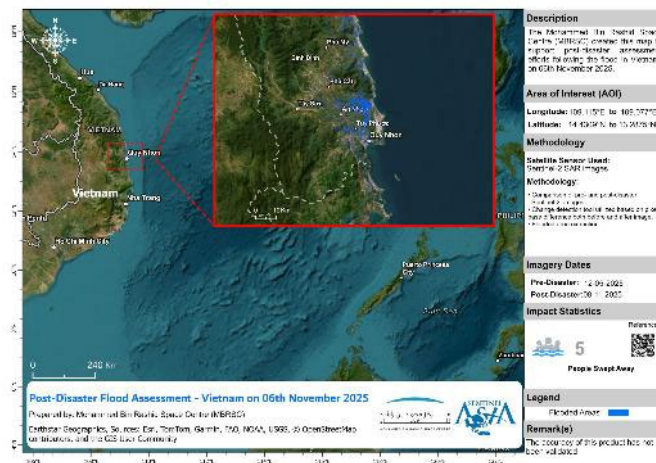
Post-disaster satellite image (ALOS-2) provided by JAXA



Value-Added Product by AIT



Value-Added Product by EOS



Value-Added Product by MBRSC

(5) Flood Due to Typhoon FUNG-WONG in Philippines on 08 November, 2025 (GLIDE Number TC-2025-000204-PHL)

According to ReliefWeb, super typhoon Fung-Wong (Filippino name “Uwan”) made landfall in Aurora province on the island of Luzon on 9 November with maximum sustained winds of 185 km/h. Ahead of the landfall, more than 1.5 million people were pre-emptively evacuated and 33 casualties and one missing were reported.

<https://reliefweb.int/report/philippines/philippines-super-typhoon-uanfung-wong-consolidated-rapid-assessment-report-20-november-2025>

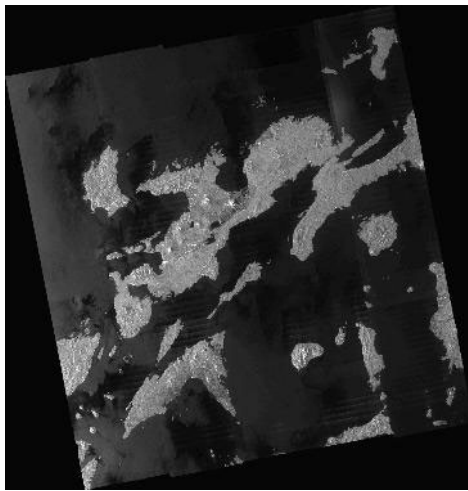
PhilSA made an EOR to Sentinel Asia on 8 November. This EOR was escalated to the International Disasters Charter. PhilSA assumed the role of Project Manager for this Charter activation. Among DPNs, ISRO, JAXA, and TASA provided data. Among DANs, AIT, EOS, and MBRSC provided their VAPs.

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

<https://sentinel-asia.org/EO/2025/article20251108PH.html>



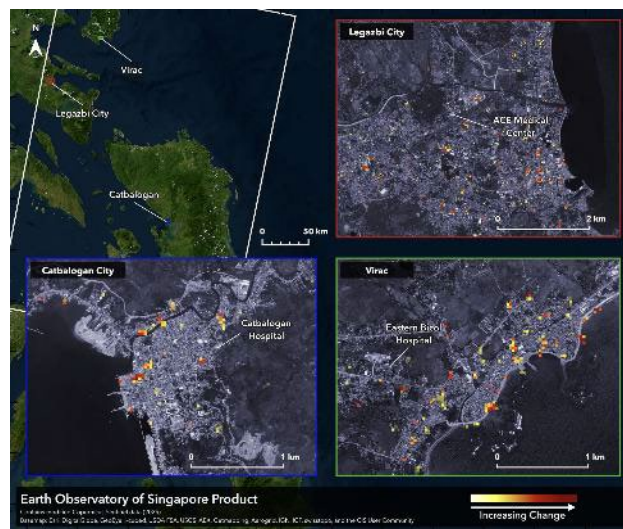
Post-disaster satellite images (Resourcesat-2) by ISRO



Post-disaster satellite images (ALOS-2) by JAXA



Post-disaster satellite images (FORMOSAT-5) by TASA



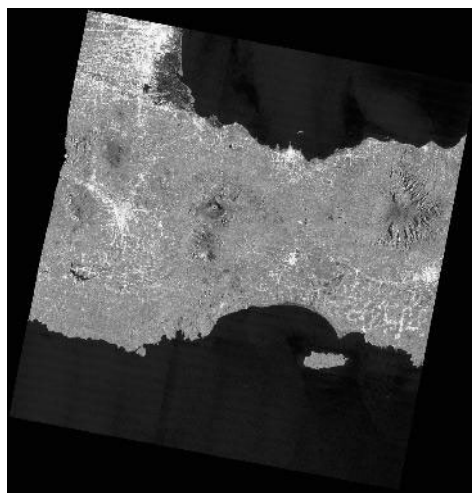
(6) Volcano Eruption at Mt. Semeru in Indonesia on 19 November, 2025 (GLIDE Number VO-2025-000206-IDN)

On 19 November, Mount Semeru, one of most active volcanos in Indonesia, erupted. The Guardian reported that the volcano unleashed searing clouds of hot ash and a mixture of rock, lava, and gas that travelled up to 7 km down its slopes. More than 300 residents were evacuated. <https://www.theguardian.com/world/2025/nov/19/indonesia-mount-semeru-erupts-prompting-evacuations-and-highest-alert-level>

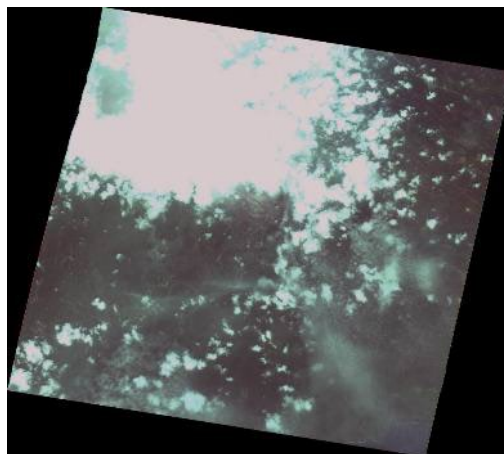
The National Research and Innovation Agency (BRIN) of Indonesia made an EOR to Sentinel Asia on 20 November. Among DPNs, ISRO and TASA provided data. Among DANs, EOS and MBRSC provided their VAPs.

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

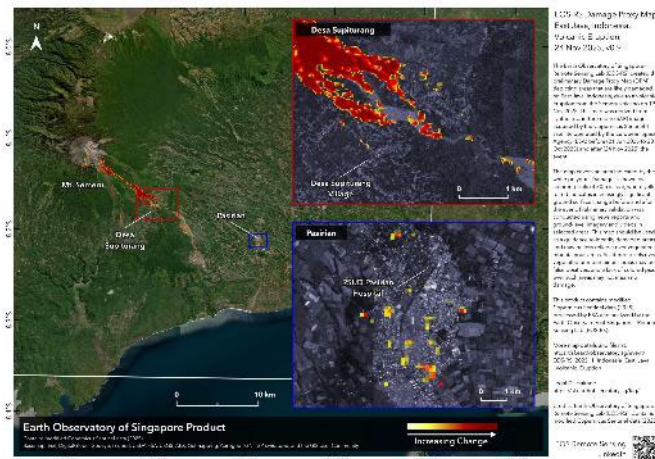
<https://sentinel-asia.org/EO/2025/article20251119ID.html>



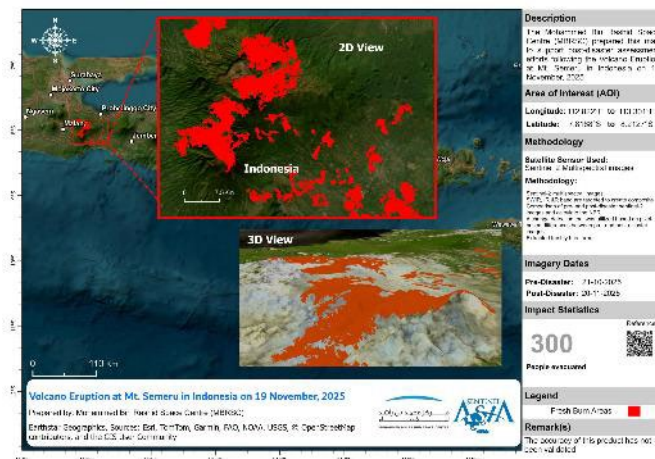
Post-disaster satellite images (EOS-04) by ISRO



Post-disaster satellite images (FORMOSAT-5) by TASA



Value-Added Product by EOS



Value-Added Product by MBRSC

(7) Flood in Central Vietnam on 19 November, 2025 (GLIDE Number FL-2025-000207-VNM)

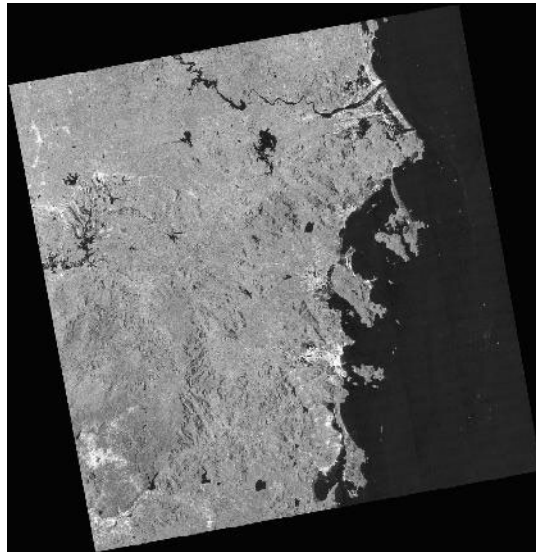
The Vietnam Net reported that widespread rain caused rapid flooding across urban districts in Hue, Vietnam in the morning of November 17, prompting frantic efforts by residents to relocate belongings and move cars and motorbikes to higher ground. The citywide disaster warning system was activated after water levels on the Huong and Bo rivers exceeded emergency thresholds. From the evening of November 15 through 6 a.m. on November 17, rainfall was extremely heavy, and levels ranged from 100 to 200 mm in lowland areas and reached 400–550 mm in the mountains.

<https://vietnamnet.vn/en/hue-braces-for-its-fourth-consecutive-flood-as-sirens-echo-across-the-city-2463528.html>

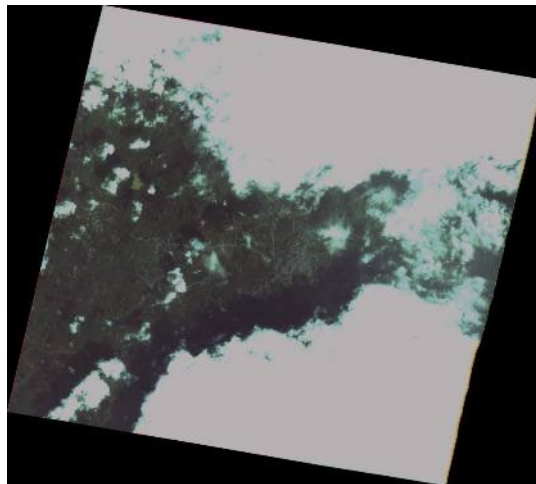
MAE made an EOR to Sentinel Asia on 20 November. Among DPNs, ISRO and TASA provided data. Among DANs, EOS and MBRSC provided their VAPs.

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

<https://sentinel-asia.org/EO/2025/article20251119VN.html>



Post-disaster satellite images (EOS-04) by ISRO



Post-disaster satellite images (FORMOSAT-5) by TASA



Value-Added Product by EOS



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