

## **\*\* September 2025 News from Sentinel Asia Project Office \*\***

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### Topics:

1. [News] Emergency Observation of Disasters (as of 28 September)
2. [News] An article about the collaboration between Sentinel Asia and the Disasters Charter has been published
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 26 September)

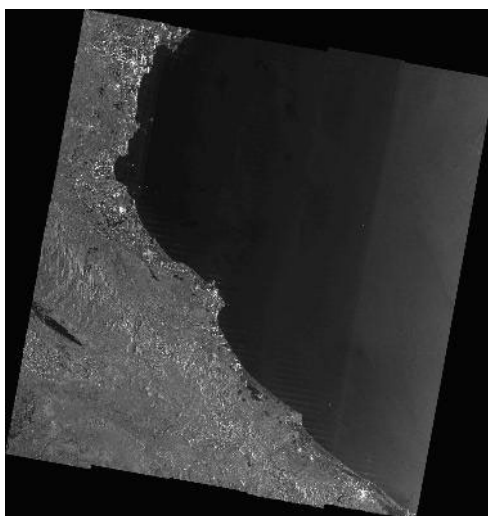
- (1) Flood by Typhoon KAJIKI in Vietnam on 25 August, 2025 (GLIDE Number TC-2025-000144-VNM)

Typhoon KAJIKI, the fifth storm to hit Vietnam in 2025, made landfall on 25 August. NHK reported that at least three people had been killed and 13 injured with damage to more than 6,800 homes and inundation on nearly 30,000 hectares of rice fields. Over 44,000 people in its path had to be evacuated.

The Ministry of Agriculture and Environment (MAE) of Vietnam made an Emergency Observation Request (EOR) to Sentinel Asia on 24 August. Among Data Provider Nodes (DPNs), JAXA and TASA provided data. Among Data Analysis Nodes (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/article20250825VN.html>



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





Value-Added Product by MBRSC

(2) Forest Fire in Almaty Region, Kazakhstan, on 30 August, 2025 (GLIDE Number FR-2025-000155-KAZ)

On 30 August, a dry grass fire broke out in the Almaty Region in Kazakhstan, in the mountainous area, covering an estimated area of approximately 15 hectares. Zakon.kz reported that three people were found dead.

<https://www.zakon.kz/proisshestviia/6489175-tri-obgorevshikh-tela-nashli-na-meste-krupnogo-pozhara-v-almatinskoy-oblasti.html>

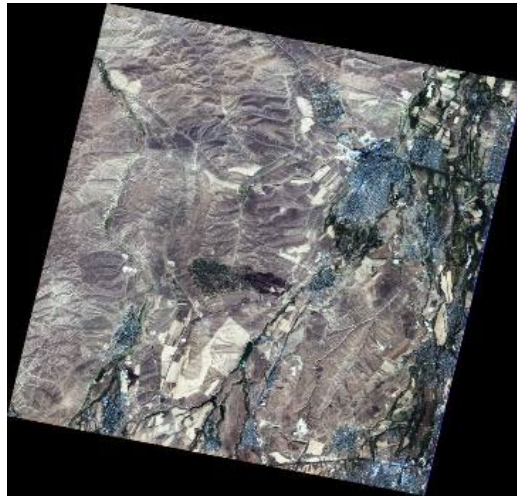
The Central Asian Institute of Applied Geosciences (CAIAG) of Kyrgyz Republic made an EOR to Sentinel Asia on 1 September. Among DPNs, ISRO and TASA provided their data. Among DANs, AIT provided its VAP.

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

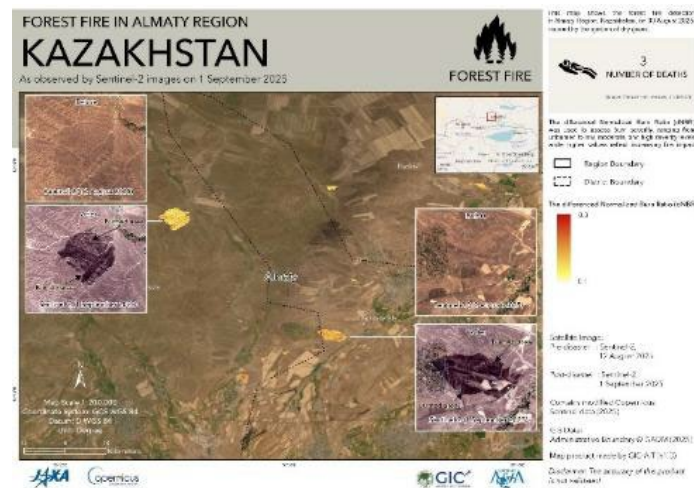
<https://sentinel-asia.org/EO/2025/article20250830KZ.html>



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



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



Value-Added Product by AIT

(3) Flood in Kanchanpur district, Nepal, on 31 August, 2025 (GLIDE Number FL-2025-000102-NPL)

Heavy rain starting at the night on 31 August raised the water level of the rivers in Kanchanpur district in Nepal, which caused flooding and submerged at least 45 houses, according to the Himalayan.

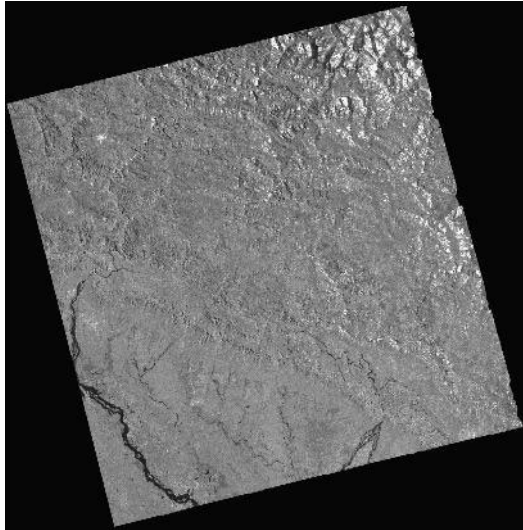
<https://thehimalayantimes.com/nepal/floods-inundate-45-houses-in-kanchanpur>

The Department of Hydrology and Meteorology (DHM) of Nepal made an EOR to Sentinel Asia on 1 September. Among DPNs, ISRO, JAXA, and TASA provided data. Among DANs, MBRSC provided its VAP.

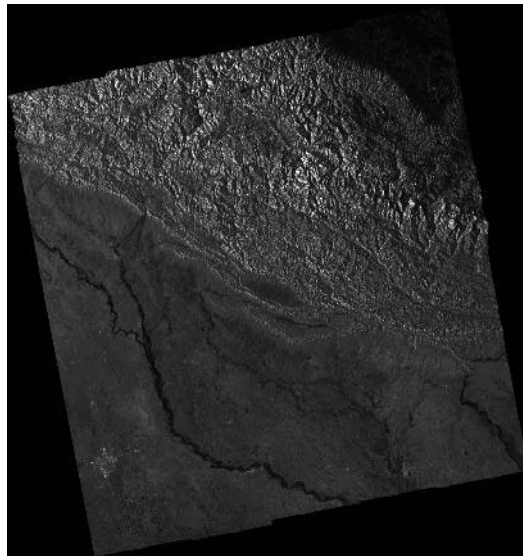
Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2025/article20250831NP.html>

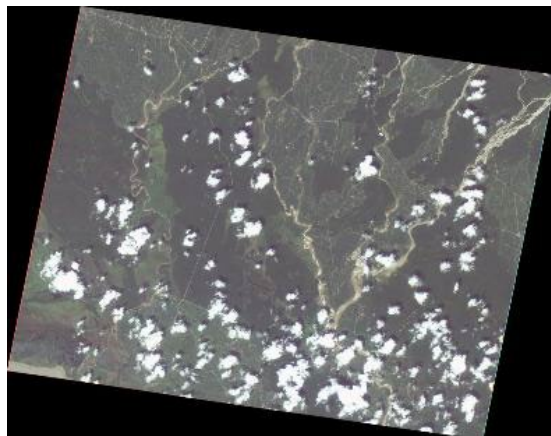




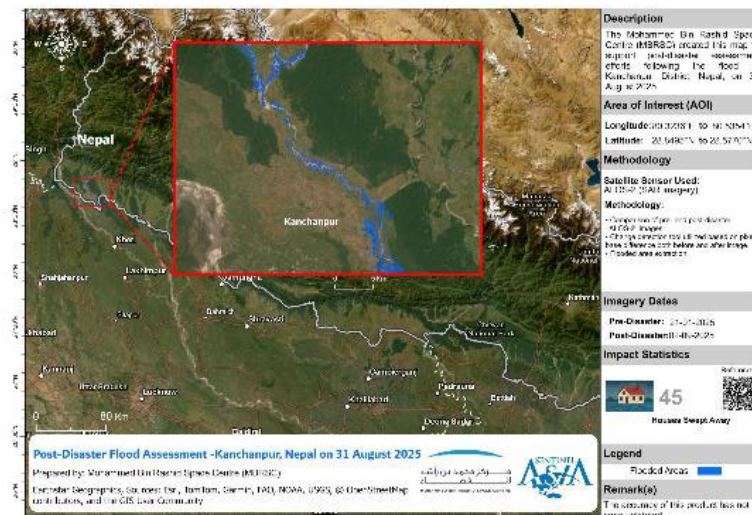
Post-disaster satellite image (EOS-04) provided by ISRO



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



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



Value-Added Product by MBRSC

- (4) Flood due to Tropical Depression concerns in Philippines on 17 September 2025 (GLIDE Number TC-2025-000167-PHL)

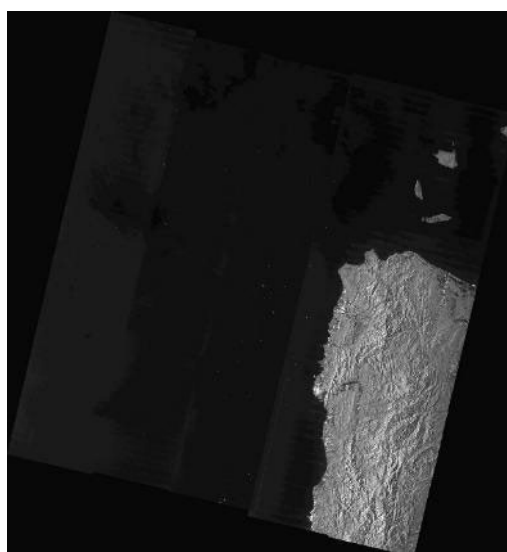
Tropical depression Mirasol made landfall on Luzon Island, the Philippines, on 17 September with gusts up to 90 kph, according to the Philstar.

<https://www.philstar.com/headlines/weather/2025/09/17/2473478/mirasol-makes-landfall-isabela-signal-no-1-up>

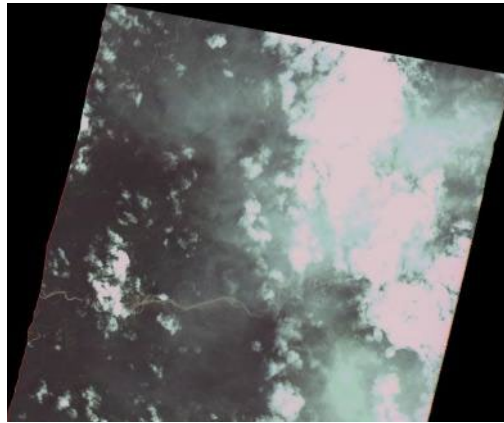
The Philippine Space Agency (PhilSA) made an EOR to Sentinel Asia on 17 September. Among DPNs, JAXA and TASA provided data. Among DANs, AIT, EOS, and MBRSC provided their VAPs.

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

<https://sentinel-asia.org/EO/2025/article20250917PH.html>



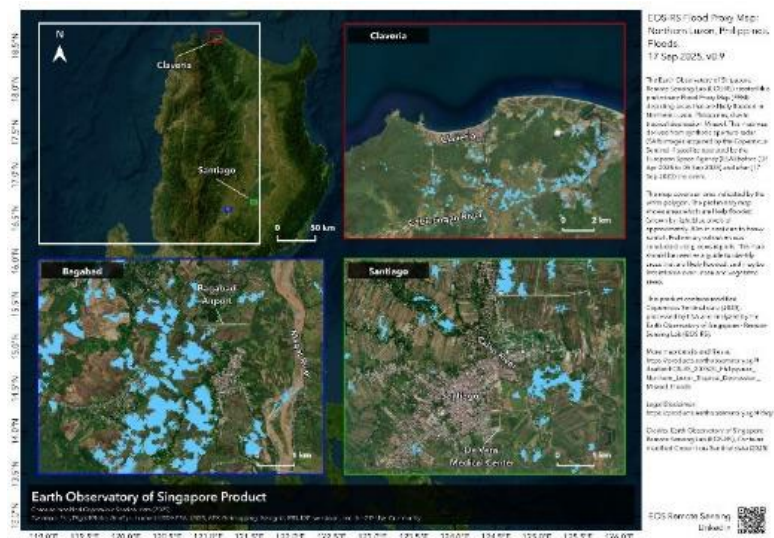
Post-disaster satellite image (ALOS-2) provided by JAXA



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

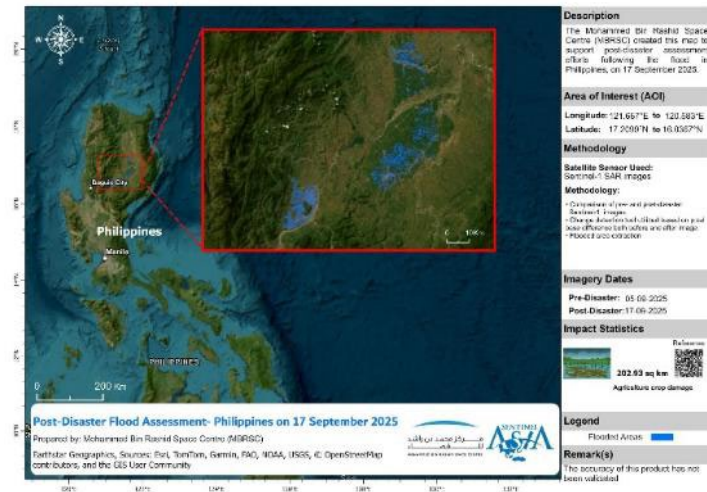


Value-Added Product by AIT



Value-Added Product by EOS





Value-Added Product by MBRSC

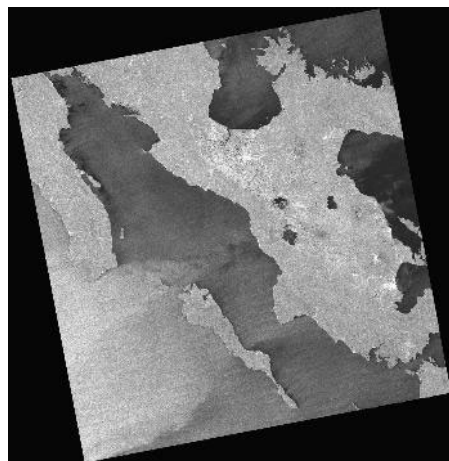
(5) Flood due to Tropical Storm RAGASA in Philippines on 20 September, 2025 (GLIDE Number TC-2025-000170-PHL)

CNN reported that Typhoon Ragasa (Philippine Name: Nando) made landfall over the country's Panaitan Island in the north on Luzon Island on 22 September with sustained winds of over 267 kph. More than 10,000 people were evacuated across northern and central Luzon.

<https://edition.cnn.com/2025/09/22/asia/super-typhoon-ragasa-philippines-hong-kong-intl-hnk>

PhilSA made another EOR to Sentinel Asia on 20 September. This EOR was escalated to the International Disasters Charter. PhilSA assumed the role of Project Manager for this Charter activation. Among DPNs, ISRO provided data. Among DANs, EOS provided its VAP. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2025/article20250920PH.html>



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





Value-Added Product by EOS

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2. [News] An article about the collaboration between Sentinel Asia and the Disasters Charter has been published

Sentinel Asia responds to disasters in Asia-Pacific region with space technology, supported by members from space agencies, disaster management agencies, and research institutes from the region. How about other regions of the Globe? “The International Charter: Space and Major Disasters” (or simply “the Charter”), consisting of 17 space agencies from all over the world plays same role, with a larger satellite fleet. Celebrating its 25th anniversary, the Charter website posts stories related to its activities. A story for August 2025 is dedicated to cooperation between the Charter and Sentinel Asia, including activation cases in Indonesia.

The story can be found on the Charter website: <https://disasterscharter.org/news/global-reach-the-charter-s-international-collaborations>

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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](mailto:sarequest@adrc.asia)  
FAX: +81-78-262-5546,  
TEL: +81-78-262-5540

#### 4. Using Sentinel Asia Operation System, OPTEMIS

[https://sentinel-asia.org/e-learning/Emergency\\_Observation\\_Request.html](https://sentinel-asia.org/e-learning/Emergency_Observation_Request.html)

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