

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

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Topics:

1. [News] Emergency Observation of Disasters (as of 28 August)
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 28 August)

- (1) Slope Collapse on Highway in Kyrgyz on 24 July, 2025 (GLIDE Number LS-2025-000118-KGZ)

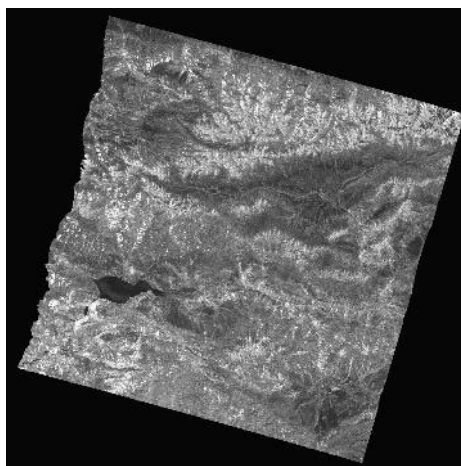
On 24 July, part of a slope along the North-South highway in Kyrgyzstan collapsed and the rocks blocked the road, AKI press reported.

https://akipress.com/news:841326:North-South_highway_closed_for_10_days_following_landslide/

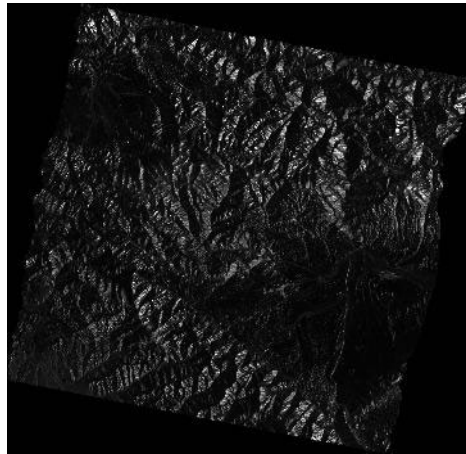
The Central Asian Institute of Applied Geosciences (CAIAG) made an Emergency Observation Request (EOR) to Sentinel Asia on 24 July. Among Data Provider Nodes (DPNs), JAXA, ISRO, and TASA provided data. Among Data Analysis Nodes (DANs), AIT, EOS, and MBRSC provided their VAPs.

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

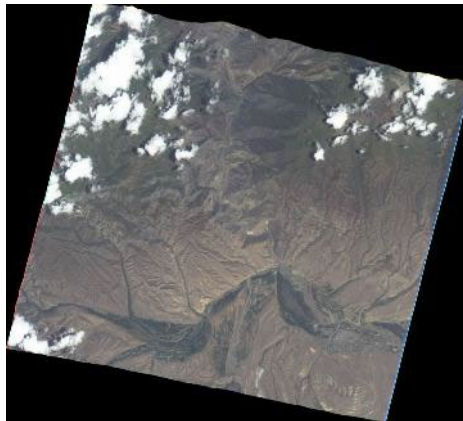
<https://sentinel-asia.org/EO/2025/article20250724KG.html>



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



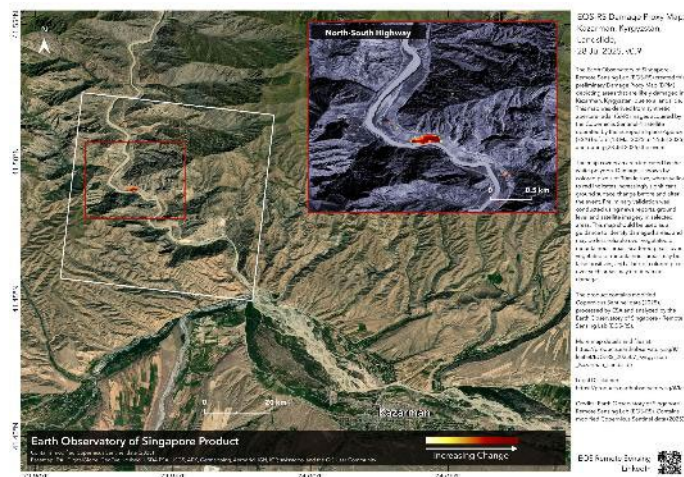
Post-disaster satellite image (ALOS-2) provided by JAXA



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



Value-Added Product by AIT



Value-Added Product by EOS



Value-Added Product by MBRSC

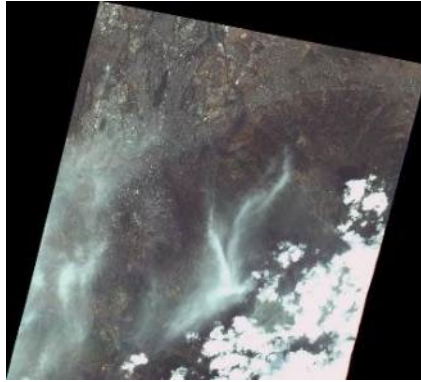
(2) Forest Fire in Kazakhstan on 25 July, 2025 (GLIDE Number WF-2025-000119-KAZ)

On 25 July, Tengri News reported that a large wildfire broke out in the Almaty region in Kazakhstan.

https://en.tengrinews.kz/kazakhstan_news/wildfire-spreads-across-8-hectares-in-foothills-near-almaty-268803/

CAIAG made an EOR to Sentinel Asia on 26 July. Among DPNs, TASA provided data. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2025/article20250725KZ.html>



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

(3) Forest Fire in Uzbekistan on 23 July, 2025 (GLIDE Number WF-2025-000120-UZB)

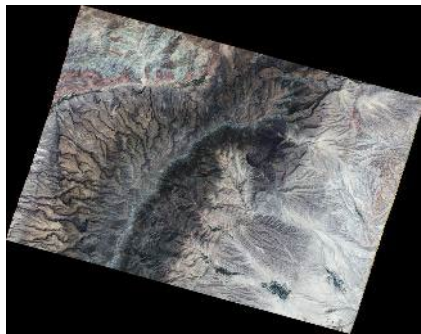
A large-scale fire occurred in Surkhan State Nature Reserve, Surkhandarya Region, Uzbekistan, on 23 July, according to kun.uz.

<https://kun.uz/ru/25814385>

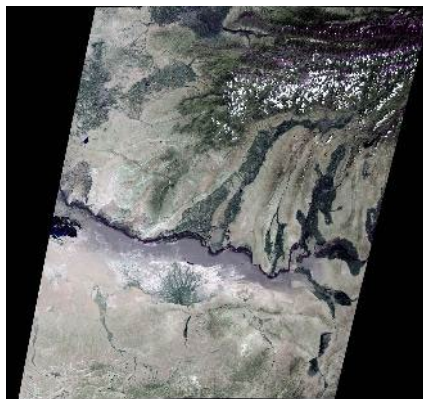
CAIAG made an EOR to Sentinel Asia on 26 July. Among DPNs, ISRO and TASA provided data. Among DANs, AIT, EOS, MBRSC, TASA, and Toyama University of International Studies (TUINS) provided their VAPs.

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

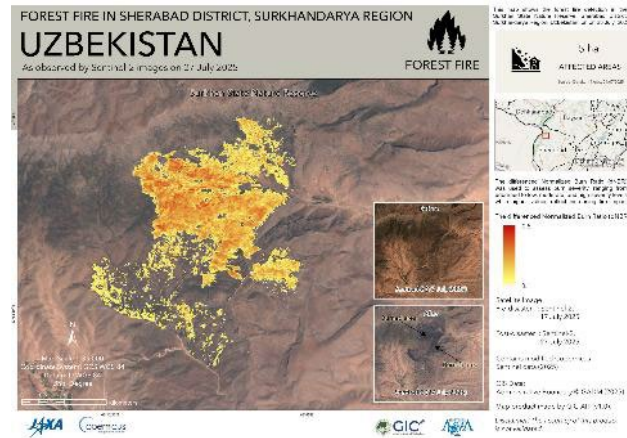
<https://sentinel-asia.org/EO/2025/article20250723UZ.html>



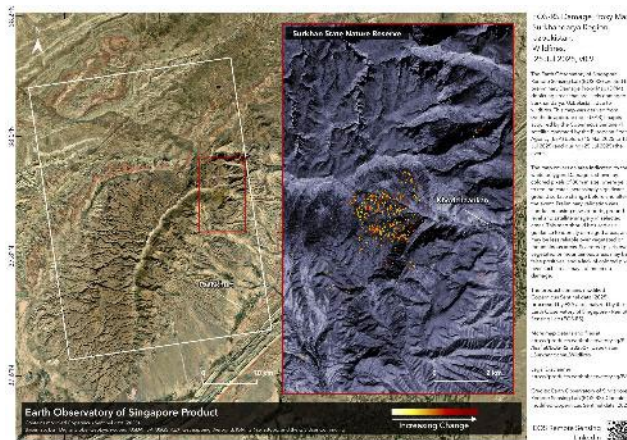
Post-disaster satellite image (Resourcesat-2A) provided by ISRO



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



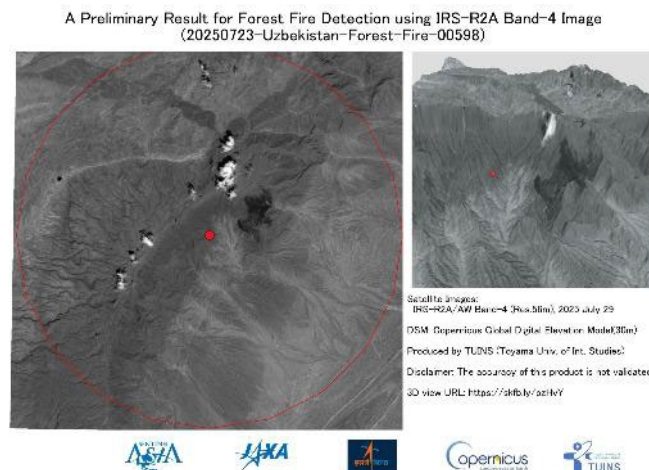
Value-Added Product by AIT



Value-Added Product by EOS



Value-Added Product by MBRSC



Value-Added Product by TUINS

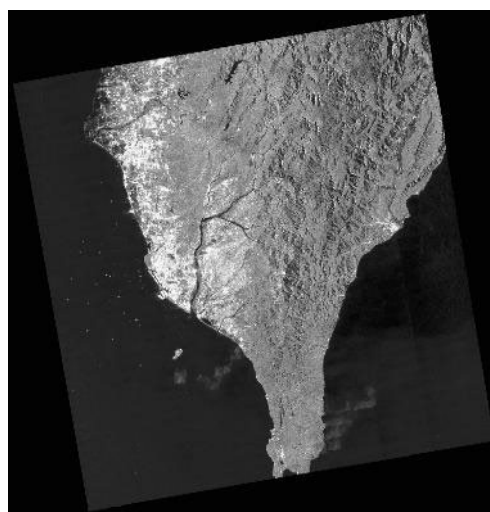
(4) Heavy Rains and Flood in Taiwan on 28 July, 2025 (GLIDE Number: FL-2025-000124-TWN)

From 28 July, 2025, torrential rain battered Taiwan, especially across the central and southern regions. In the Maolin district in southern Taiwan, cumulative rainfall exceeded 2.8 meters, surpassing the entire nation's annual average, in just one week. According to Phys.org, the intense downpours triggered widespread flooding and landslides, resulting in 4 fatalities, 3 people reported missing, 77 injuries, and forcing about 6,000 residents to evacuate their homes.

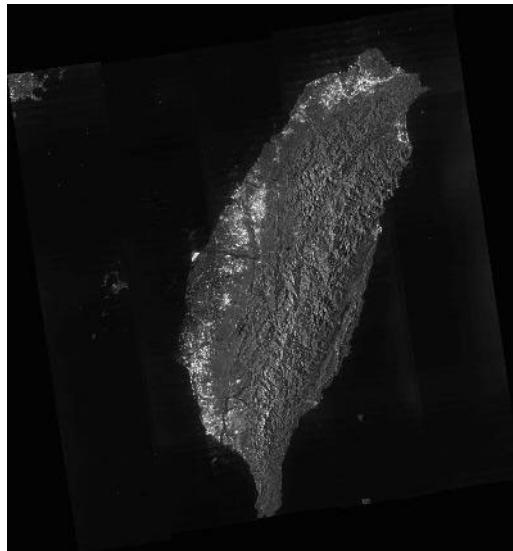
<https://phys.org/news/2025-08-torrential-taiwan-week.html>

The Taiwan Space Agency (TASA) made an EOR to Sentinel Asia on 29 July, 2025 (UTC). Among DPNs, JAXA and ISRO provided satellite data. Among DANs, EOS and AIT provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

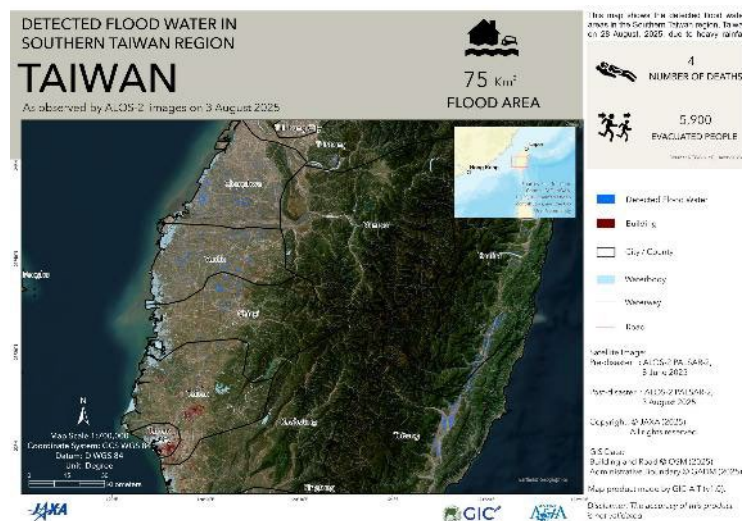
<https://sentinel-asia.org/EO/2025/article20250728TW.html>



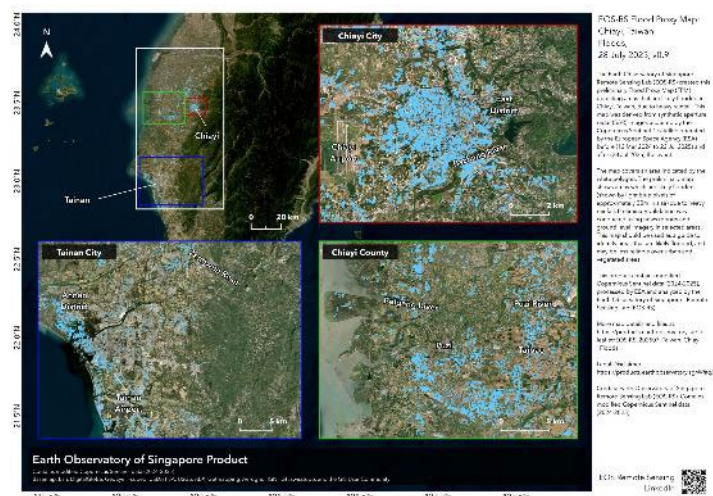
Post-disaster satellite image (EOS-04) provided by ISRO



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



Value-Added Product by AIT



Value-Added Product by EOS

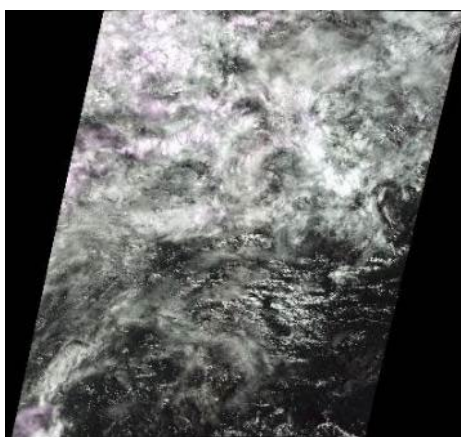
(5) Heavy Rains and Flood in Lao PDR (Laos) on 25 July, 2025 (GLIDE Number: FL-2025-000126-LAO)

On 25 July, 2025, persistent monsoon rains triggered severe flooding across Laos. According to The Star, the heavy rainfall caused damage to homes, roads, and farmland, and local authorities deployed emergency teams to assist affected communities.

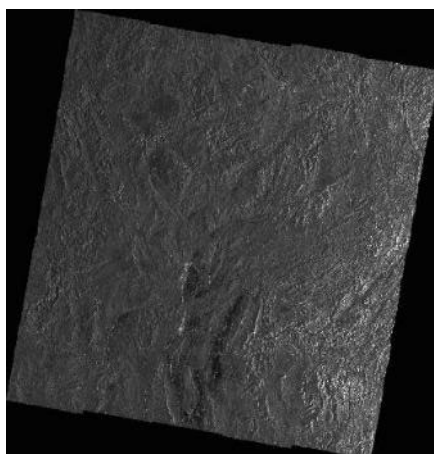
https://www.thestar.com.my/aseanplus/aseanplus-news/2025/07/29/heavy-rainfall-continues-to-wreak-havoc-countrywide-in-laos#goog_rewarded

The ASEAN Coordinating Centre for Humanitarian Assistance on Disaster Management (AHA Centre) made an EOR to Sentinel Asia on 1 August 2025 (UTC). Among DPNs, JAXA, ISRO, and TASA provided satellite data. Among DANs, AIT provided its VAP. Information on the latest response by Sentinel Asia is available at the link below.

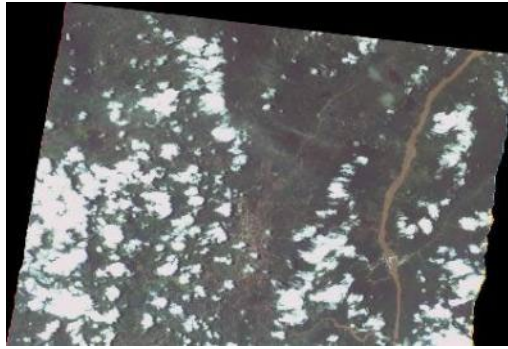
<https://sentinel-asia.org/EO/2025/article20250725LA.html>



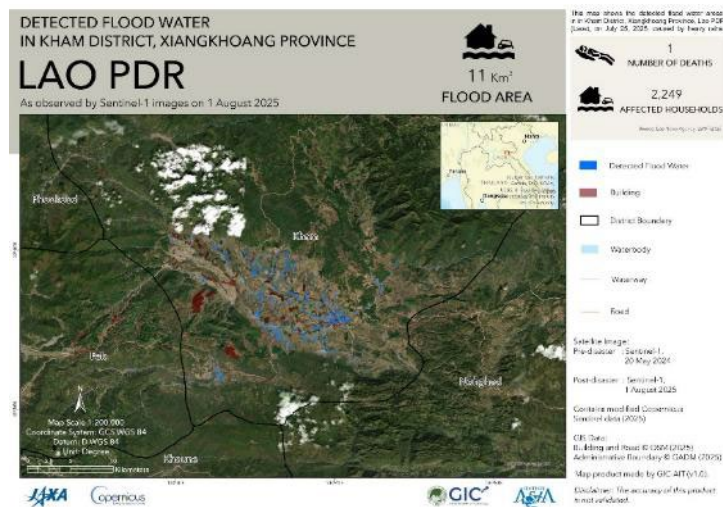
Post-disaster satellite image (Resourcesat-2) provided by ISRO



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



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



Value-Added Product by AIT

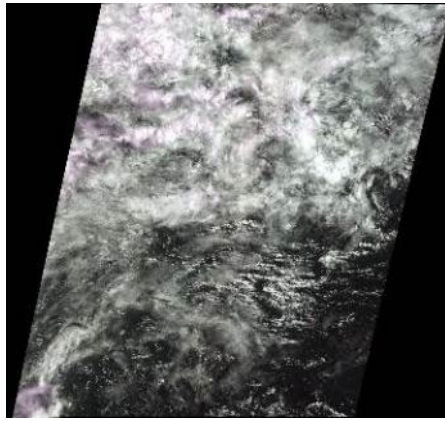
(6) Flood in Dien Bien and Son La, Vietnam on 01 August, 2025 (GLIDE Number: FL-2025-000079-VNM)

On 1 August, 2025, overnight flash floods swept through northern Vietnam, including the provinces of Dien Bien and Son La, after torrential rains of up to 30 cm. According to Channel News Asia, the floods killed at least 3 people, while 9 others remain missing. Several villages were submerged and isolated, and emergency teams launched search operations.

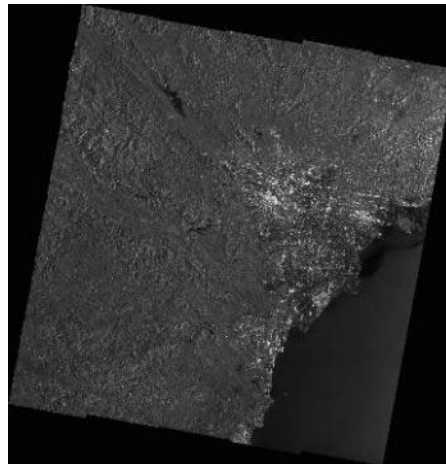
<https://www.channelnewsasia.com/asia/vietnam-flash-flood-kill-people-missing-5272181>

Vietnam's Ministry of Agriculture and Environment (MAE) made an EOR to Sentinel Asia on 1 August, 2025 (UTC). Among DPNs, ISRO and JAXA provided satellite data. Among DANs, MBRSC delivered its VAP. Information on the latest response by Sentinel Asia is available at the link below.

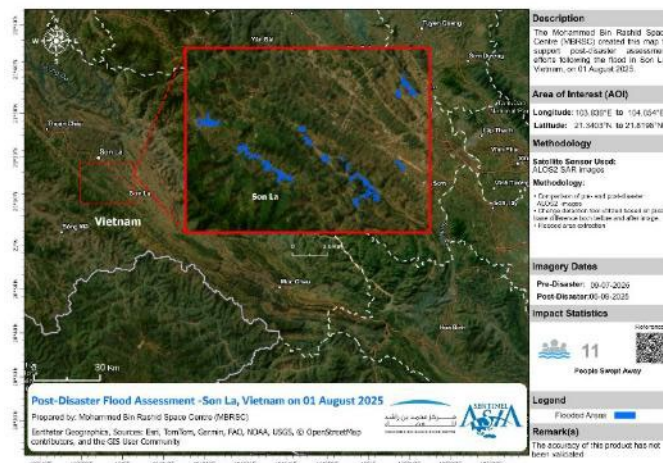
<https://sentinel-asia.org/EO/2025/article20250801VN.html>



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



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



Value-Added Product by MBRSC

(7) Mudflow in Nokhur Village, Turkmenistan on 11 August, 2025 (GLIDE Number: MS-2025-000131-TKM)

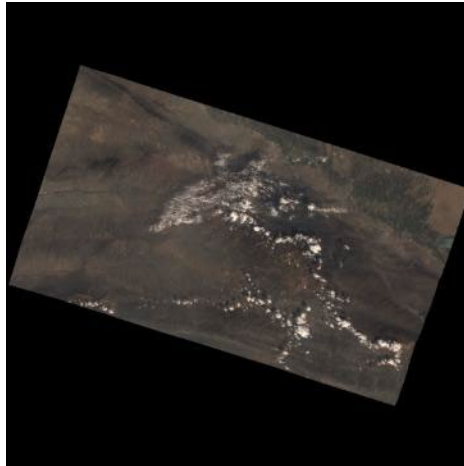
On 11 August, 2025, a sudden mudflow struck Nokhur Village in Akhal province, Turkmenistan, after mountain streams from the Kopetdag range swelled rapidly following a dry week.

According to Turkmen.news, the torrent flooded streets, swept away debris and market goods, and left cars adrift, disrupting access to nearby settlements.

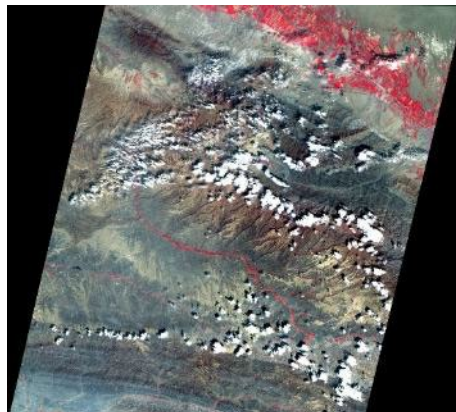
<https://turkmen.news/na-selo-nohur-ahalskogo-velayata-soshel-sel-i-zatopil-ulicy/>

CAIAG made an EOR to Sentinel Asia on 13 August, 2025 (UTC). Among DPNs, GISTDA, ISRO, and TASA provided satellite data. Among DANs, TUINS delivered its VAP. Information on the latest response by Sentinel Asia is available at the link below.

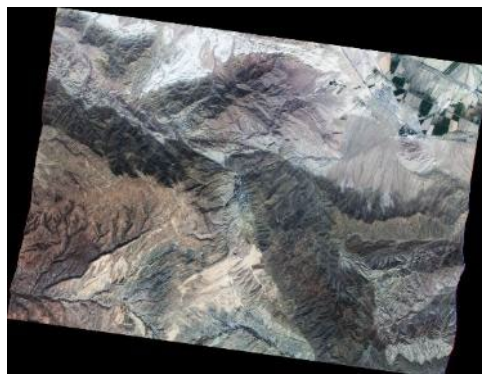
<https://sentinel-asia.org/EO/2025/article20250811TM.html>



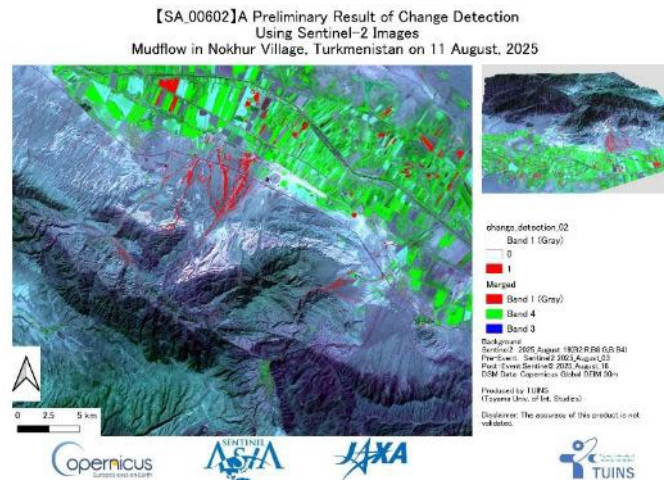
Post-disaster satellite image (THEOS-1) provided by GISTDA



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



Post-disaster satellite image (Resourcesat-2A) provided by TASA



Value-Added Product by TUINS

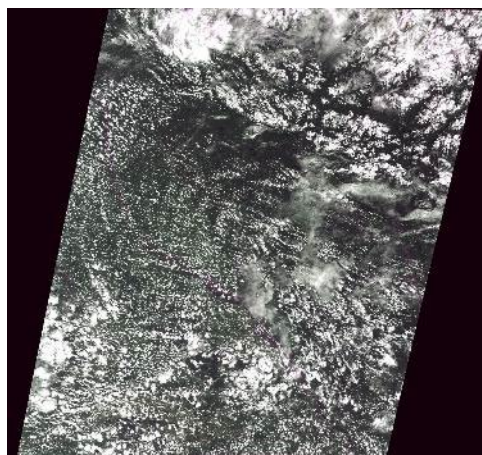
(8) Flood in Western Nepal on 13 August, 2025 (GLIDE Number: FL-2025-000102-NPL)

A flood in the Bichhya River occurred on 13 August at Himali Rural Municipality-1 in Nepal, In the Bajura district, 11 houses were swept away, and 7 additional houses were damaged, while 17 others remain at high risk. Farmland and local shops in Ward No. 1 also sustained significant damage, the Himalayan Times reported.

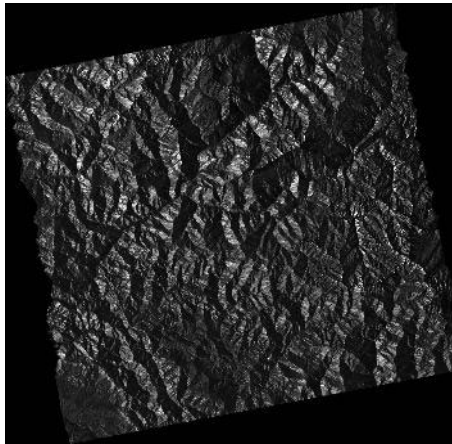
<https://thehimalayantimes.com/nepal/bajura-flood-sweeps-away-11-houses-leaves-dozens-at-risk>

The Department of Hydrology and Meteorology (DHM), Ministry of Energy, Water Resources and Irrigation of Nepal made an EOR to Sentinel Asia on 15 August, 2025 (UTC). Among DPNs, ISRO, JAXA, and TASA provided satellite data. Among DANs, AIT, JAXA, and MBRSC provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

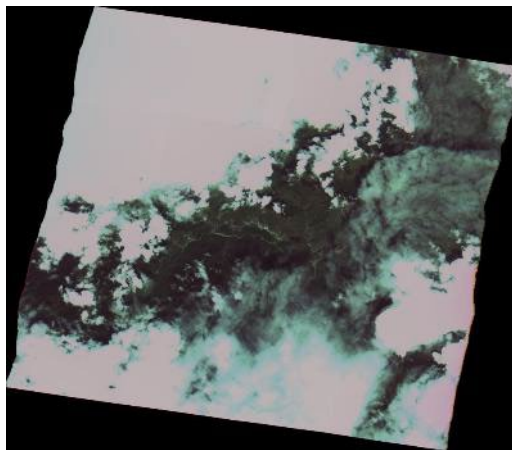
<https://sentinel-asia.org/EO/2025/article20250813NP.html>



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



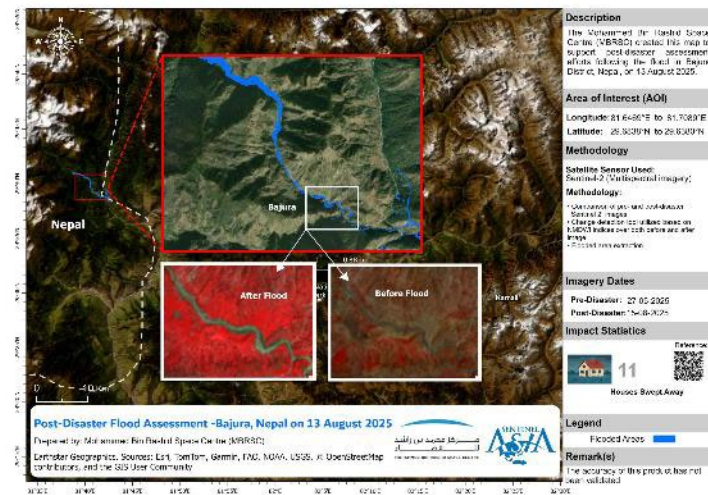
Post-disaster satellite image (ALOS-2) provided by JAXA



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



Value-Added Product by AIT



Value-Added Product by MBRSC

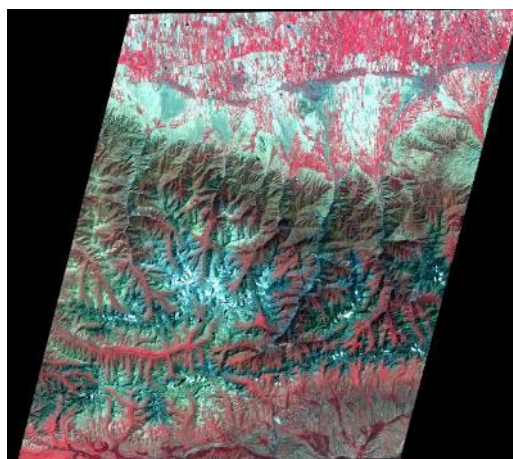
(9) Forest Fire in Kyrgyzstan on 17 August, 2025 (GLIDE Number: WF-2025-000143-KGZ)

A fire in Panfilov District, Chuy Region, Kyrgyzstan burned over 90 hectares, Topnews.kg reported.

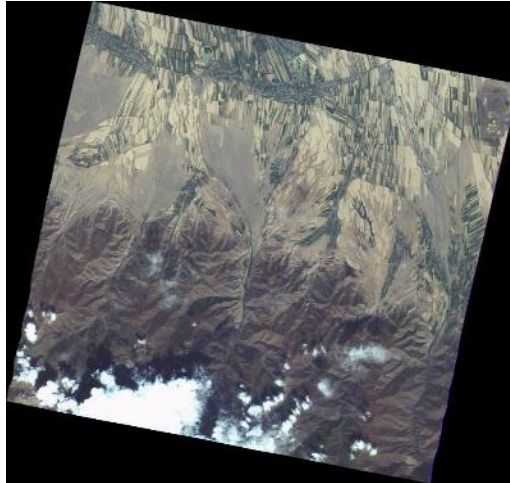
<https://topnews.kg/proisshestvija/55829-bolee-sotni-chelovek-tushat-pozhar-v-gorah-panfilovskogo-rajona.html>

CAIAG made an EOR to Sentinel Asia on 21 August, 2025 (UTC). Among DPNs, ISRO and TASA provided satellite data. Among DANs, AIT provided its VAP. Information on the latest response by Sentinel Asia is available at the link below.

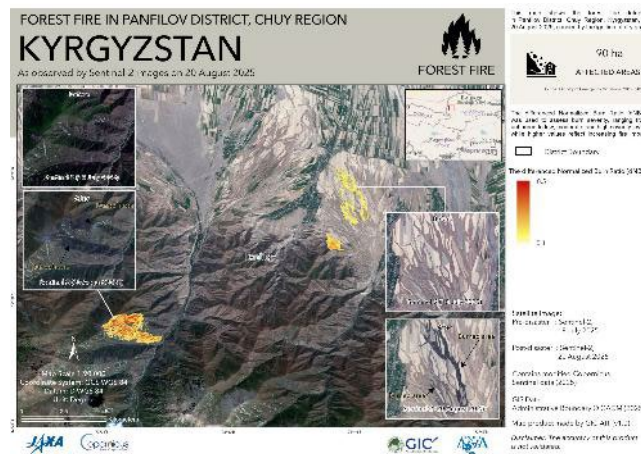
<https://sentinel-asia.org/EO/2025/article20250817KG.html>



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



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



Value-Added Product by AIT

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2. 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

3. Using Sentinel Asia Operation System, OPTEMIS

https://sentinel-asia.org/e-learning/Emergency_Observation_Request.html

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