

** August 2024 News from Sentinel Asia Project Office **

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Topics:

1. [News] Emergency Observation of Disasters (as of 23 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 23 August)

(1) Flood and Landslide in Son La City, Vietnam on 23 July, 2024 (GLIDE Number [TC-2024-000126-VNM](https://sentinel-asia.org/EO/2024/article20240723VN.html))

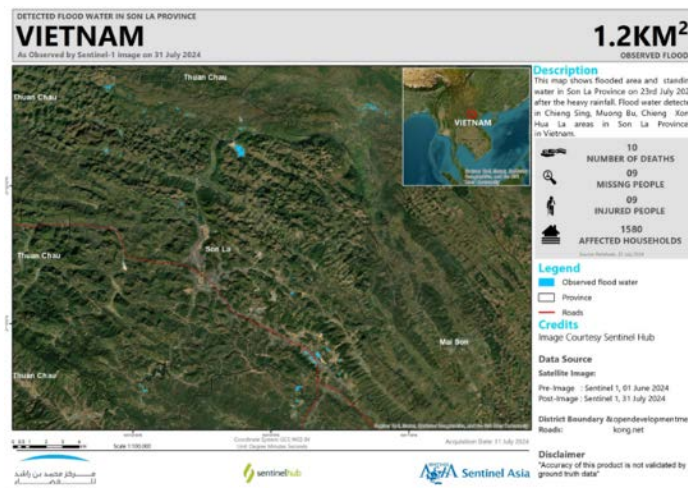
According to VNEXPRESS, landslides triggered by heavy rains brought by storm Prapiroon have destroyed five houses in Mai Son District of the mountainous Son La Province, resulting in three deaths.

<https://e.vnexpress.net/news/news/environment/landslides-leave-3-dead-5-missing-in-northern-vietnam-after-storm-prapiroon-4773716.html>

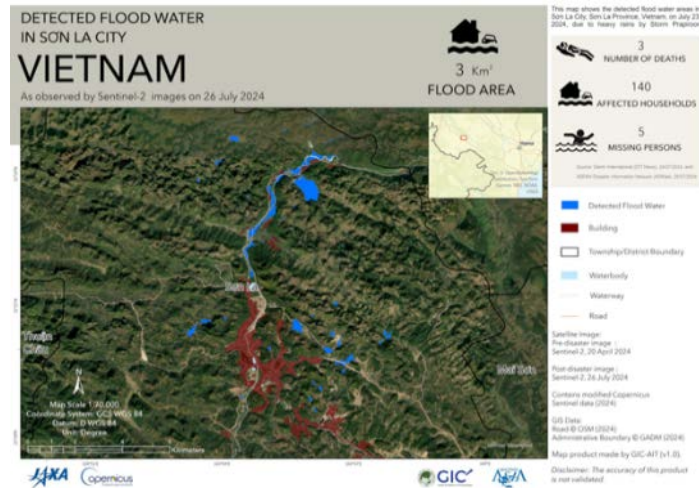
The Ministry of Natural Resources and Environment (MONRE) made an Emergency Observation Request (EOR) to Sentinel Asia on 24 July. Among Data Provider Nodes (DPNs), ISRO provided data. Among Data Analysis Nodes (DANs), MBRSC and AIT provided their Value-Added Products (VAPs).

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

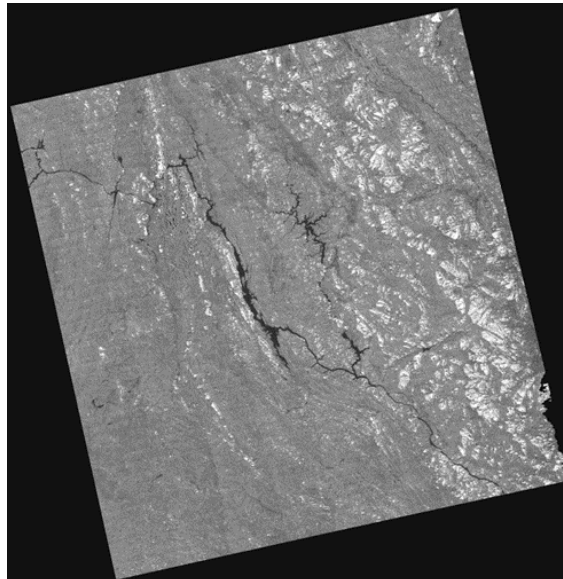
<https://sentinel-asia.org/EO/2024/article20240723VN.html>



Value-Added Product by MBRSC



Value-Added Product by AIT



Post-disaster satellite image (RISAT-1A) provided by ISRO

(2) Flood by Typhoon Carina in Philippines on 23 July, 2024 (GLIDE Number [TC-2024-000127-CHN](#))

According to Philstar Global, almost 100 people fled their homes in Cagayan province on the island of Luzon in the northern Philippines as Typhoon Carina (international name: Gaemi) made landfall in force on the morning of 23 July, the Cagayan Provincial Disaster Risk Reduction and Management Office (PDRRMO) reported.

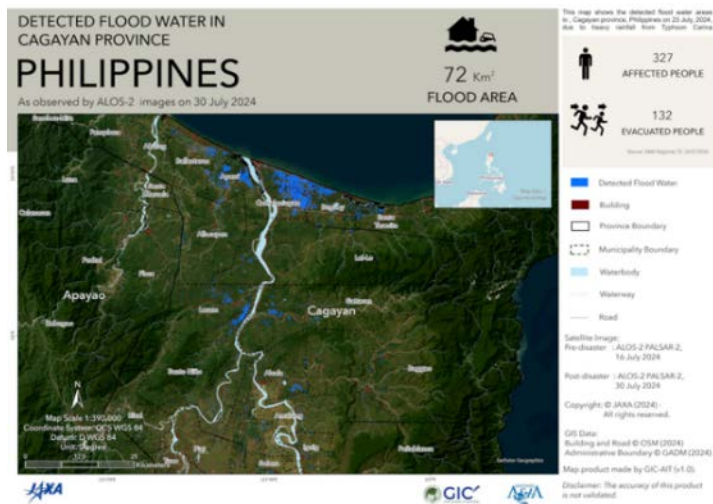
<https://www.philstar.com/nation/2024/07/23/2372351/nearly-100-flee-homes-cagayan-due-carina>

The Philippine Space Agency (PhilSA) made an EOR to Sentinel Asia on 24 July. Among DPNs, JAXA provided data. Among DANs, EOS, AIT, and MBRSC provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

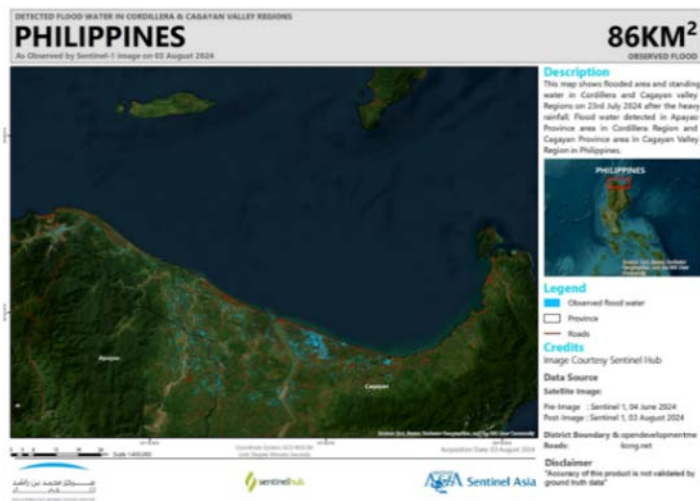
<https://sentinel-asia.org/EO/2024/article20240723PH.html>



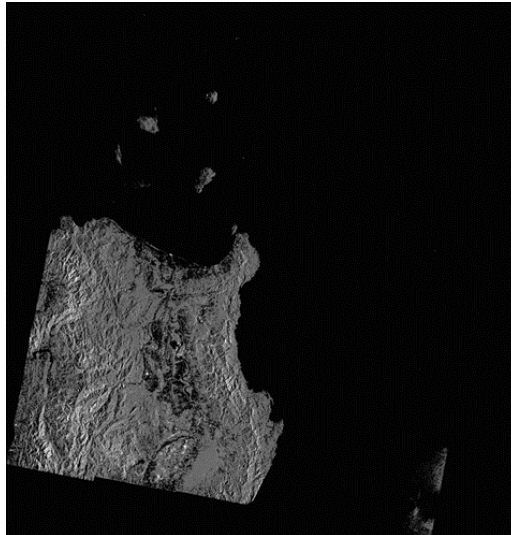
Value-Added Product by EOS



Value-Added Product by AIT



Value-Added Product by MBRSC



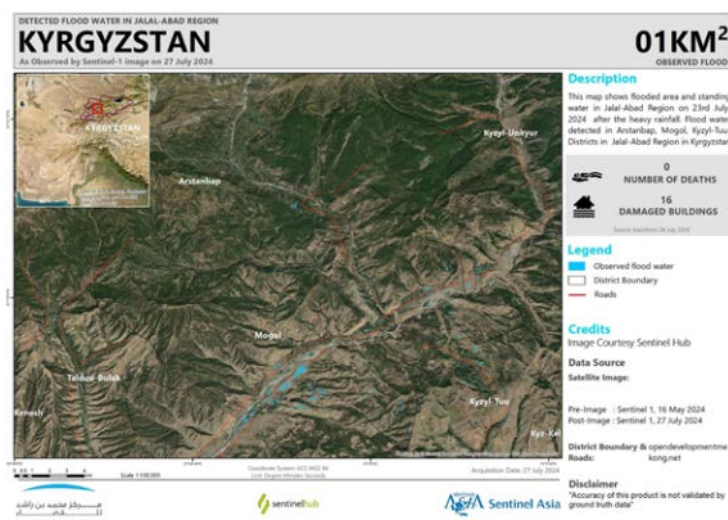
Post-disaster satellite image (ALOS-2) provided by JAXA

- (3) Mudflow in Arstanbap, Kyrgyz on 23 July, 2024 (GLIDE Number [MS-2024-000115-KGZ](#)) According to TuraNews, mudflow occurred on 23 July in the village of Arstanbap in the Bazar-Korgon district of Jalalabad Oblast in southwestern Kyrgyzstan. The powerful mudflow swept away 23 cars, flooded a hospital and a shopping center, destroyed 5 bridges, and damaged 1 kilometer of an inland road. The mudflows have had a significant impact on the country. <https://turanews.kz/en/news/mudflows-cause-over-1-1-billion-soms-in-damage-in-kyrgyzstan/>

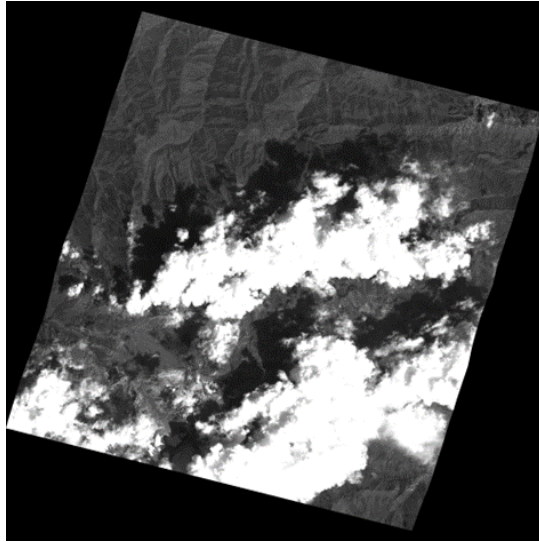
The Central Asian Institute of Applied Geosciences (CAIAG) made an EOR to Sentinel Asia on 24 July. This EOR was escalated to the International Disasters Charter. UNITAR assumed the role of Project Manager for this Charter activation.

Among DPNs, GISTDA, ISRO, and TASA provided data. Among DANs, MBRSC provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

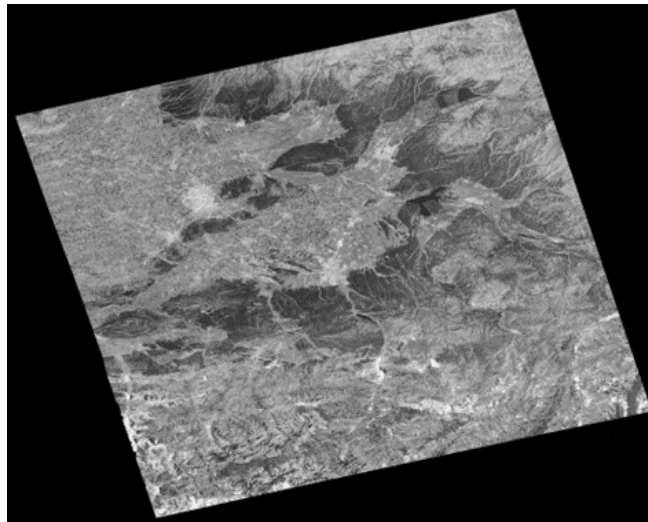
<https://sentinel-asia.org/EO/2024/article20240723KG.html>



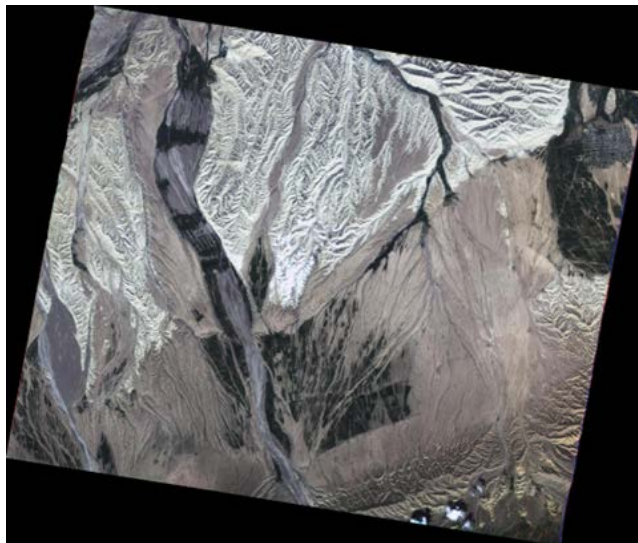
Value-Added Product by MBRSC



Post-disaster satellite image (THEOS1) provided by GISTDA



Post-disaster satellite image (RISAT-1A) provided by ISRO



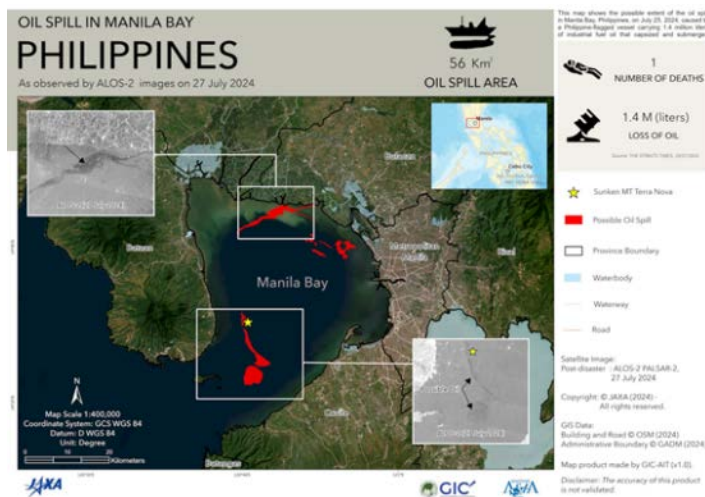
Post-disaster satellite image (FORMOSAT-5) provided by TASA

- (4) Oil Spill in Philippines on 25 July, 2024 (GLIDE Number [TC-2024-000127-PHL](https://www.gmanetwork.com/news/topstories/regions/914672/oil-spill-bataan-capsized-motor-tanker/story/))
- GMA News Online reported that 1 person died after a motor tanker capsized and caused an oil spill in Bataan on 25 July, according to the Philippine Coast Guard (PCG).
- In a statement, a PCG spokesperson said the incident involving the tanker “MT Terra Nova” happened 3.6 nautical miles east off Lamao Point in Limay town.
- Sixteen of the 17 crew on board have been rescued. MT Terra Nova, which was heading to Iloilo, was carrying 1.4 million liters of industrial fuel.

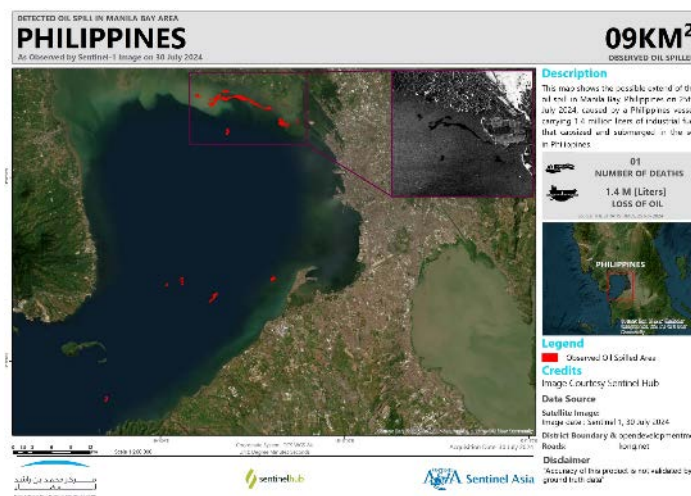
<https://www.gmanetwork.com/news/topstories/regions/914672/oil-spill-bataan-capsized-motor-tanker/story/>

PhilSA made an EOR to Sentinel Asia on 25 July. This EOR was escalated to the International Disasters Charter. PhilSA-SMCOD assumed the role of Project Manager for this Charter activation. Among DPNs, JAXA and ISRO provided data. Among DANs, AIT, MBRSC, and PhilSA provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2024/article20240725PH.html>



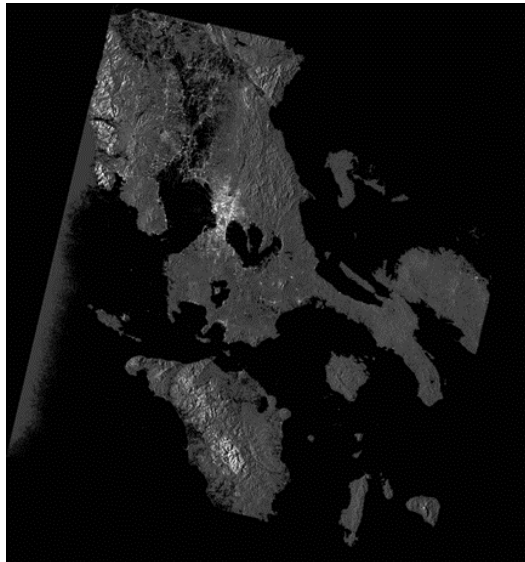
Value-Added Product by AIT



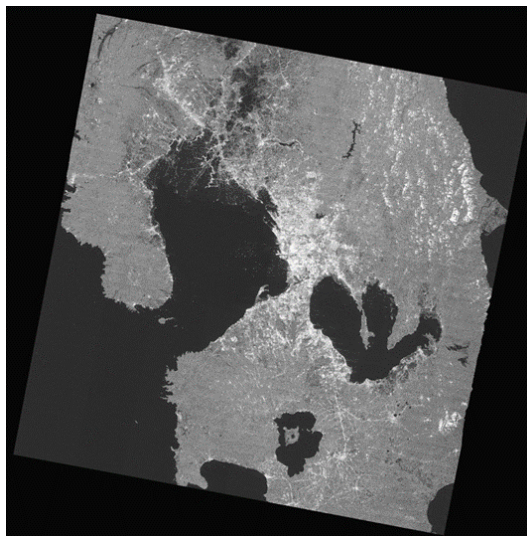
Value-Added Product by MBRSC



Value-Added Product by PhilSA



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



Post-disaster satellite image (RISAT-1A) provided by ISRO

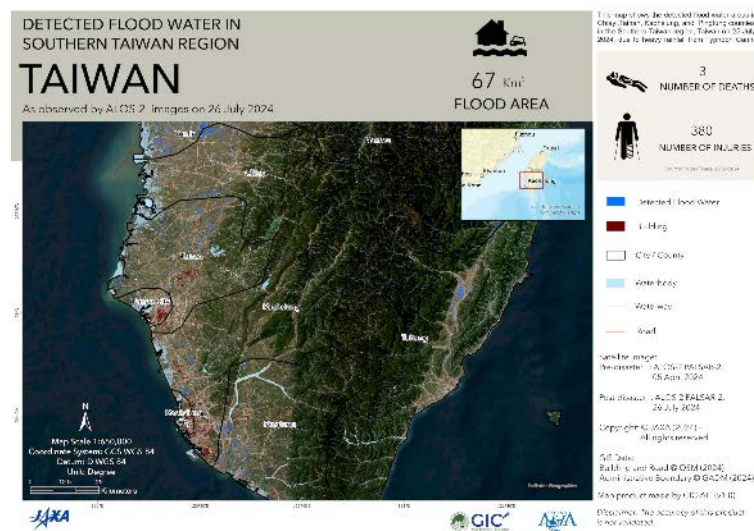
- (5) Flood by Typhoon Gaemi in Taiwan on 25 July, 2024 (GLIDE Number [TC-2024-000127-CHN](https://www.taiwannews.com.tw/news/5907938))
- According to Taiwan News, Typhoon Gaemi caused significant damage in Taiwan on 25 July. The typhoon led to severe flooding, landslides, and heavy rainfall, particularly affecting the southern regions. Three people lost their lives, and hundreds were injured. The storm also caused power outages to over 700,000 homes and disrupted water supply to many areas.
- <https://www.taiwannews.com.tw/news/5907938>

Taiwan Space Agency (TASA) made an EOR to Sentinel Asia on 25 July. Among DPNs, JAXA and ISRO provided data. Among DANs, JAXA, MBRSC, and AIT provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

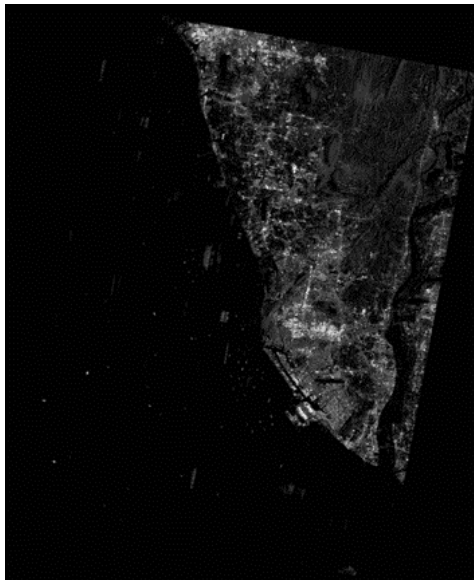
<https://sentinel-asia.org/EO/2024/article20240725TW.html>



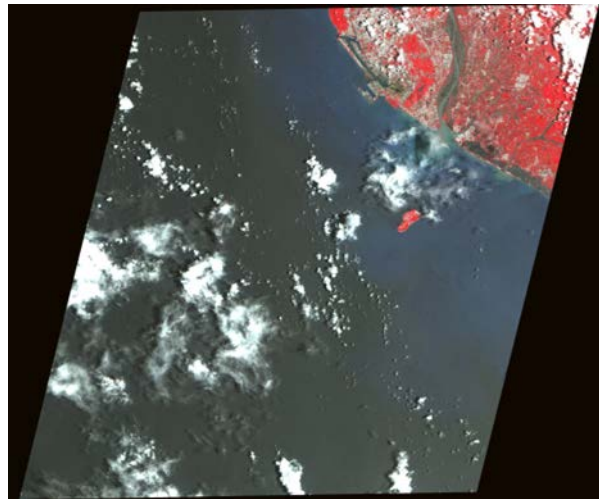
Value-Added Product by MBRSC



Value-Added Product by AIT



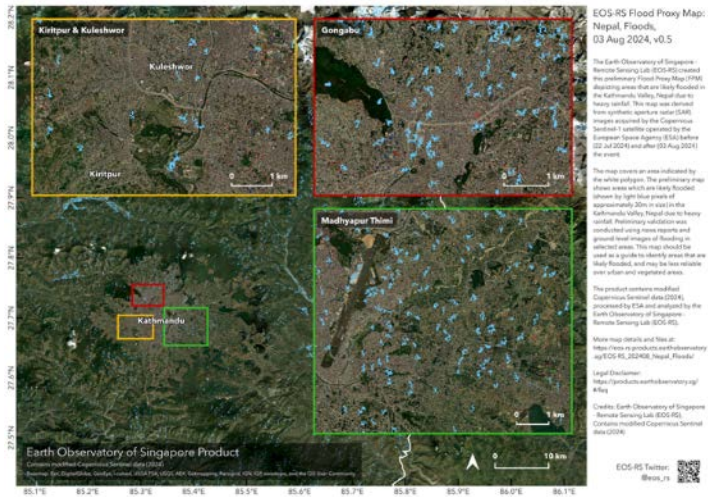
Post-disaster satellite image (ALOS-2) provided by JAXA



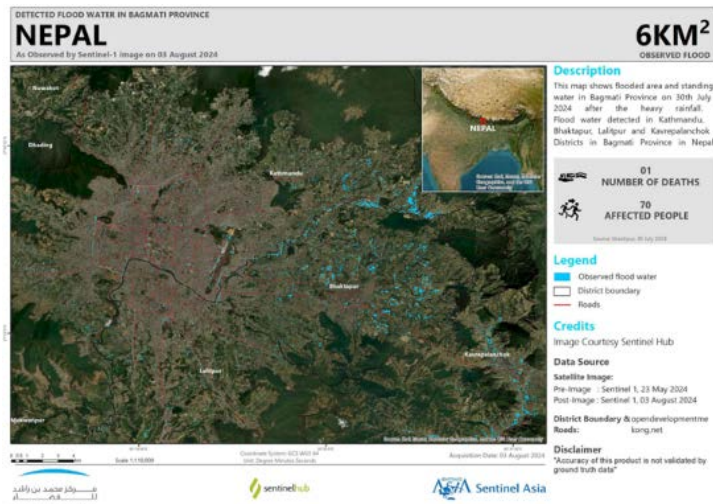
Post-disaster satellite image (Resourcesat-2A) provided by ISRO

- (6) Flood in Kathmandu, Nepal on 30 July, 2024 (GLIDE Number [FL-2024-000132-NPL](https://sentinel-asia.org/EO/2024/article20240730NP.html))
Floods in Kathmandu Province, Nepal on 30 July caused significant destruction. According to myRepública, heavy rains caused river flooding affecting the lives of people in Kathmandu. Nepal Police spokesman said 12 people were rescued from Kathmandu and 24 from Lalitpur.
<https://myrepublica.nagariknetwork.com/news/36-people-rescued-from-kathmandu-flood/>

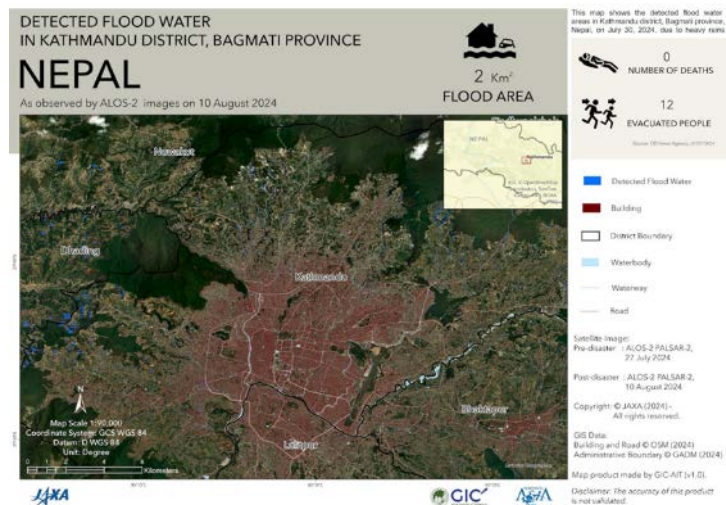
The Department of Hydrology and Meteorology (DHM) and the Ministry of Energy, Water Resources and Irrigation of Nepal made an EOR to Sentinel Asia on 5 August. Among DPNs, JAXA and ISRO provided data. Among DANs, EOS, JAXA, MBRSC, and AIT provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.
<https://sentinel-asia.org/EO/2024/article20240730NP.html>



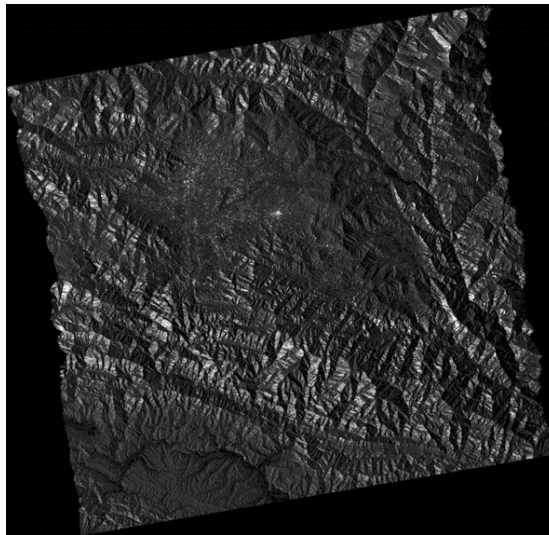
Value-Added Product by EOS



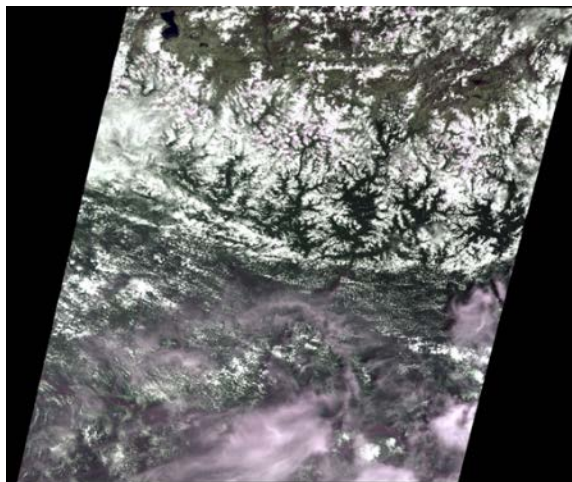
Value-Added Product by MBRSC



Value-Added Product by AIT



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



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

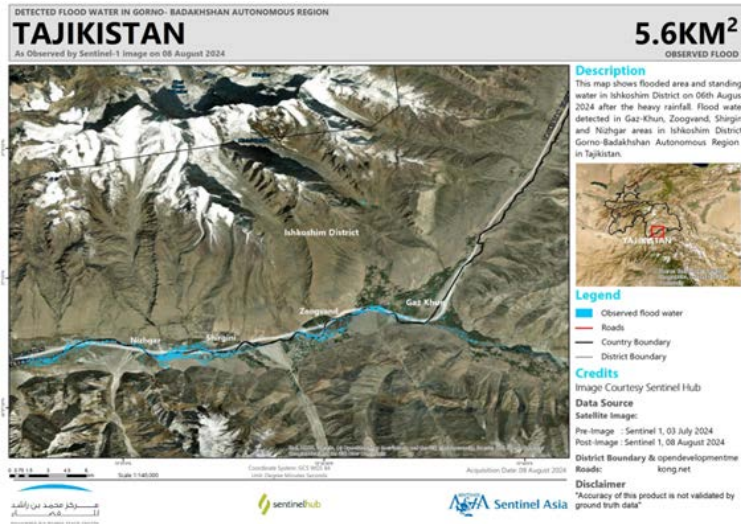
(7) Flood and Landslide in Tajikistan on 6 August, 2024 (GLIDE Number [FL-2024-000133-TJK](#))

Bomdod reported that due to the rise in temperature, in Zugvand Zong village, Ishkoshim district, Kuhiston Autonomous Region, Badakhshan the water level in the river of this mountain village rose significantly, and tens of houses, yards, gardens, and roads of Zugvand residents were destroyed. was under water. According to the Committee of Emergency Situations and Civil Defense, no one was injured due to this natural disaster, but 45 families were temporarily moved to safer places.

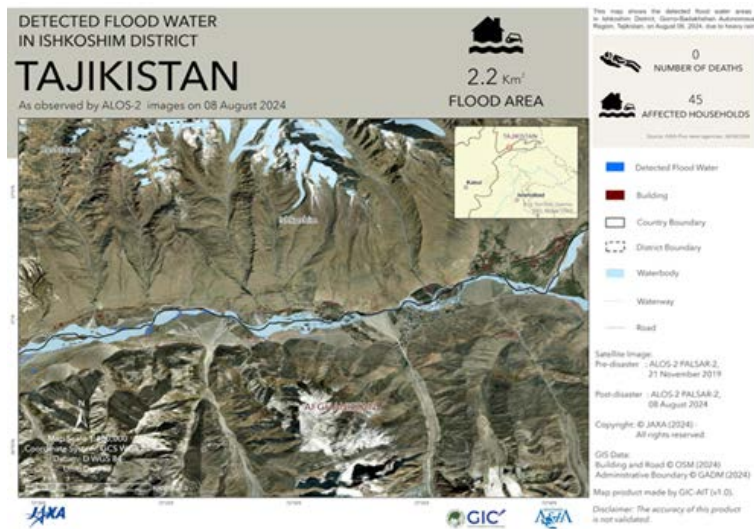
<https://www.bomdod.com/2024/08/06/seli-saht-dar-dehai-zugvandi-nohijai-ishkoshim-dahho-honaro-zeri-ob-kard-video/>

The UN World Food Programme (WFP) made an EOR to Sentinel Asia on 6 August. Among DPNs, JAXA, ISRO, and TASA provided data. Among DANs, JAXA, MBRSC, and AIT provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

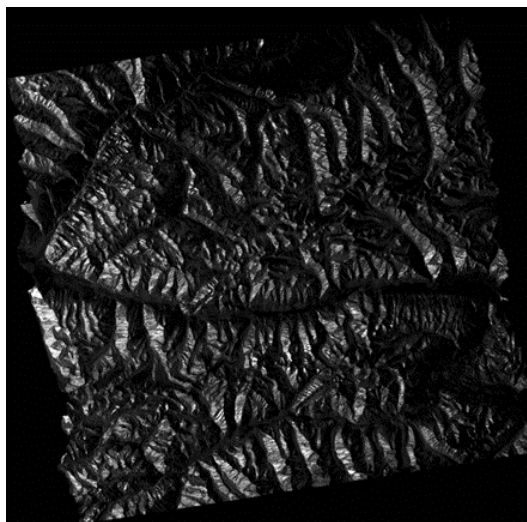
<https://sentinel-asia.org/EO/2024/article20240806TJ.html>



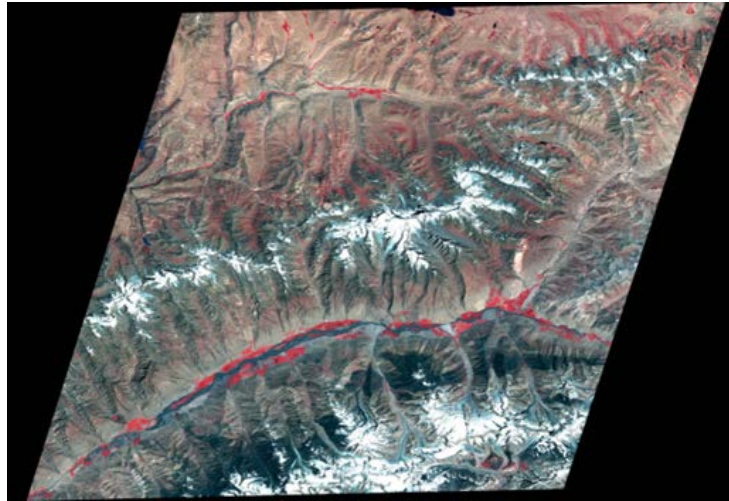
Value-Added Product by MBRSC



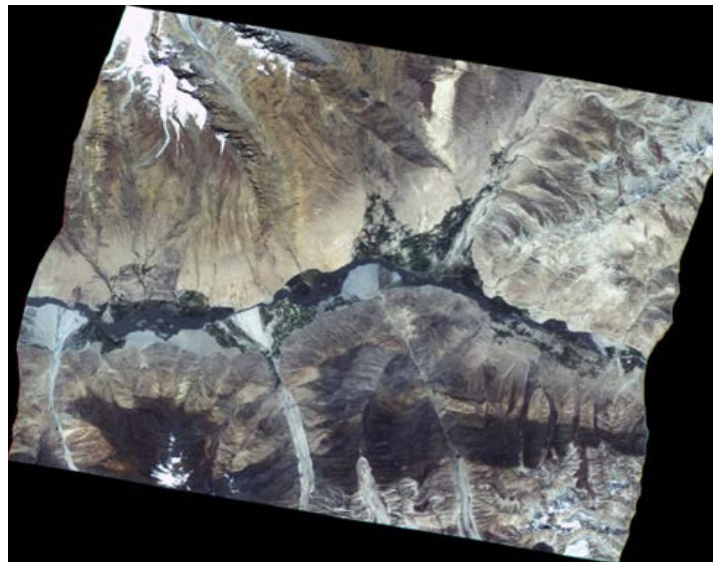
Value-Added Product by AIT



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



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

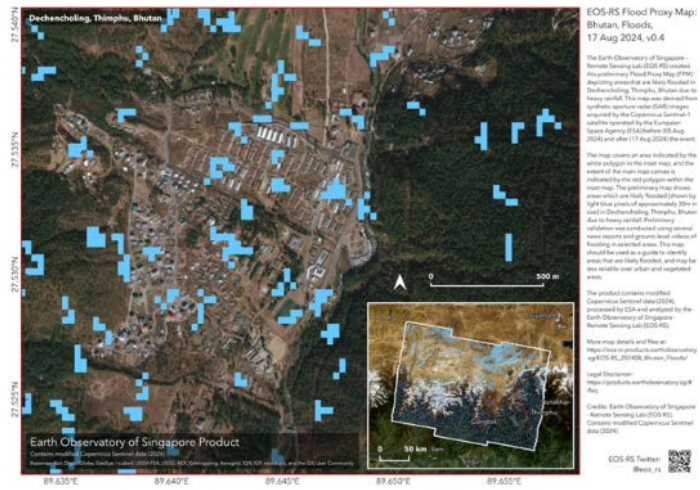


Post-disaster satellite image (FORMOSAT-5) provided by TASA

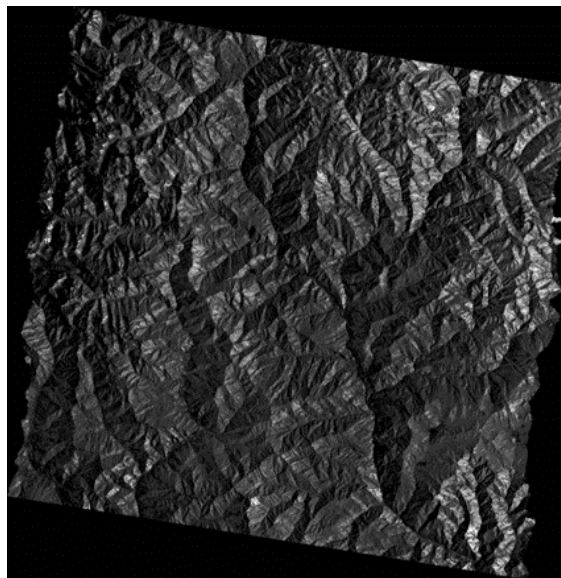
- (8) Flood and Landslide in Bhutan on 10 August, 2024 (GLIDE Number [FL-2024-000140-BTN](https://sentinel-asia.org/EO/2024/article20240810BT.html))
According to The Bhutan Live, a severe flood struck Dechencholing in Thimphu on 10 August. The disaster, attributed to a convective thunderstorm, left about 30 homes affected and about 70 households displaced. The flood also caused significant damage to about 15 vehicles.
<https://thebhutanlive.com/nation/dechencholing-devastated-by-flood-community-rallies-for-relief/>

The National Center for Hydrology and Meteorology (NCHM) of Bhutan made an EOR to Sentinel Asia on 10 August. Among DPNs, JAXA, ISRO, and TASA provided data. Among DANs, JAXA, EOS, MBRSC, and AIT provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

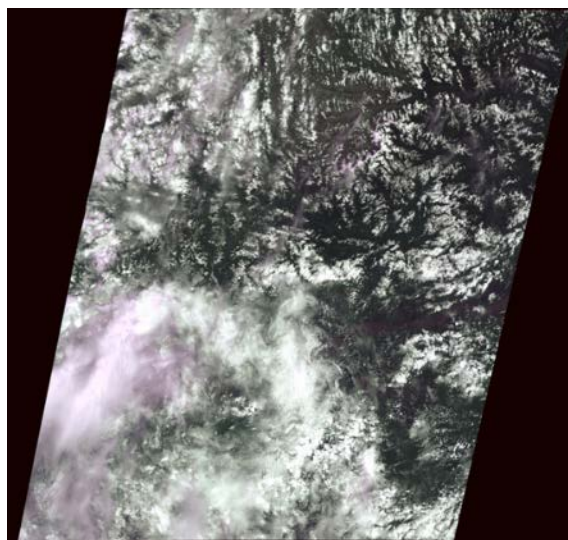
<https://sentinel-asia.org/EO/2024/article20240810BT.html>



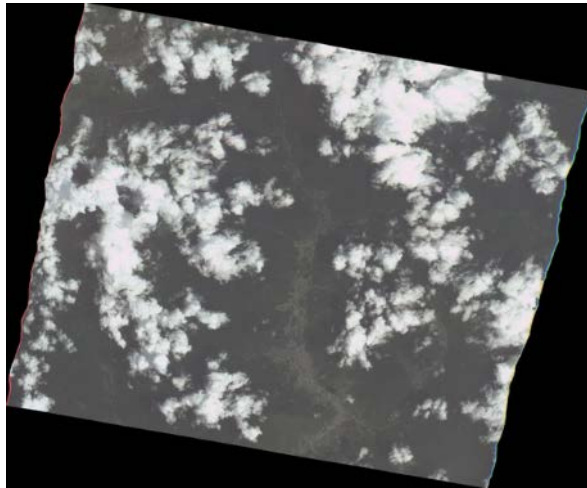
Value-Added Product by EOS



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



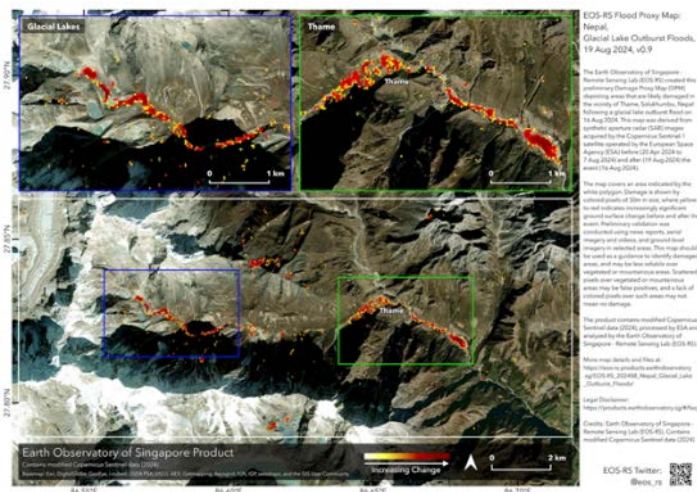
Post-disaster satellite image (Resourcesat-2A) provided by ISRO



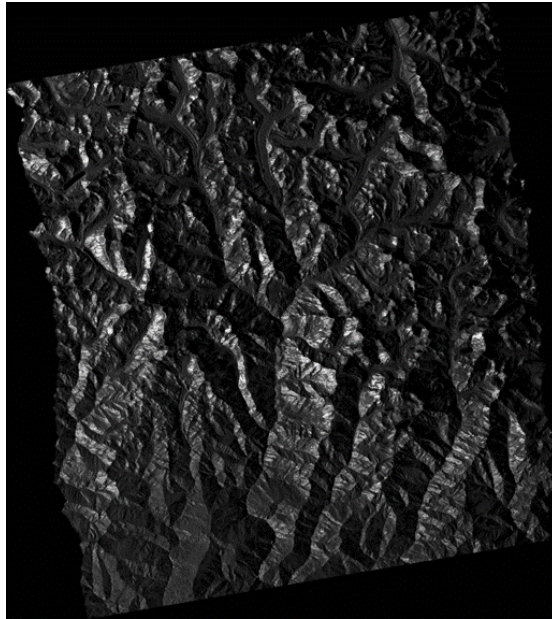
Post-disaster satellite image (FORMOSAT-5) provided by TASA

- (9) GLOF in Solukhumbu, Nepal on 16 August, 2024 (GLIDE Number [FL-2024-000146-NPL](https://www.glide.org/entry/FL-2024-000146-NPL)) According to The Kathmandu Post, in an unusual flooding event in the Everest region, the swollen Thame River destroyed 12 houses, including a school and a hotel, in ward 5 of Khumbu Pasang Lhamu Rural Municipality in Solukhumbu District on 16 August. A local resident went missing in the flood, police said.
<https://kathmandupost.com/national/2024/08/16/flood-in-solukhumbu-destroys-12-houses>

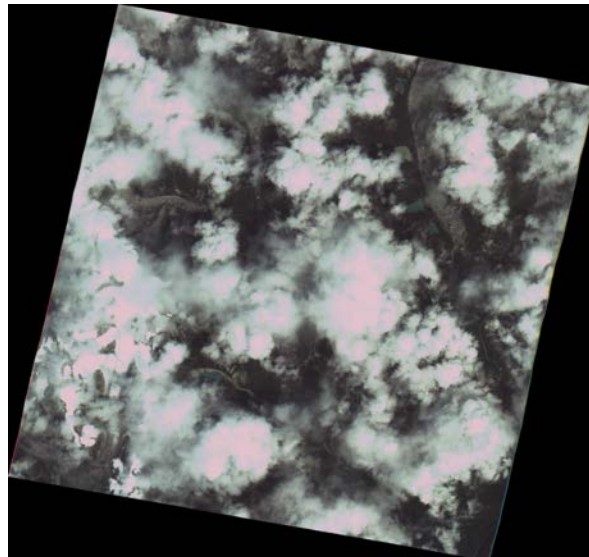
DHM, Ministry of Energy, and Water Resources and Irrigation made an EOR to Sentinel Asia on 16 August. This EOR was escalated to the International Disasters Charter. ICIMOD assumed the role of Project Manager for this Charter activation. Among DPNs, JAXA and TASA provided data. Among DANs, EOS and JAXA provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.
<https://sentinel-asia.org/EO/2024/article20240816NP.html>



Value-Added Product by EOS



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



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

- (10) Mudflows flood in the Issyk-Kul district, Kyrgyz on 18 August, 2024 (GLIDE Number [MS-2024-000151-KGZ](#))

Mudslides and floods caused by heavy rains damaged hundreds of houses in towns and villages around Kyrgyzstan's resort region of Issyk-Kul on 18 August.

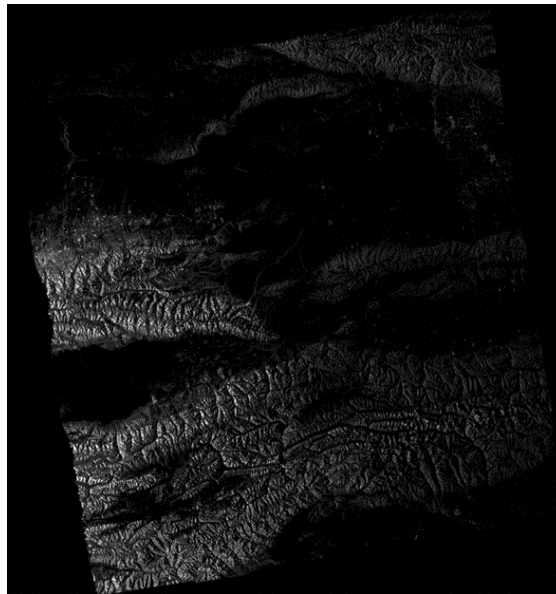
According to Current Time, in the Issyk-Kul region of Kyrgyzstan, more than 100 houses were flooded as a result of mudflows. This was reported by the Kyrgyz service Radio Liberty with reference to the press service of the Ministry of Emergency Situations.

<https://www.currenttime.tv/a/kyrgyzstan-seli/33083971.html>

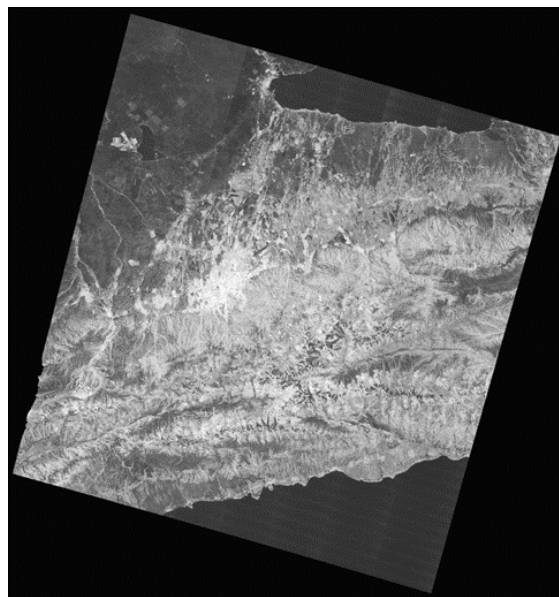
CAIAG made an EOR to Sentinel Asia on 20 August. This EOR was escalated to the International Disasters Charter. AIT assumed the role of Project Manager for this Charter

activation. Among DPNs, JAXA and ISRO provided data. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2024/article20240818KG.html>



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



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

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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

