

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

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Topics:

1. [News] Emergency Observation of Disasters (as of 23 October)
2. [Event] Promotion of Sentinel Asia's activities at the Asia-Pacific Ministerial Conference on Disaster Risk Reduction (APMCDRR)
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 23 October)

(1) Widespread Floods in Nepal on 28 September, 2024 (GLIDE Number [FL-2024-000177-NPL](#))

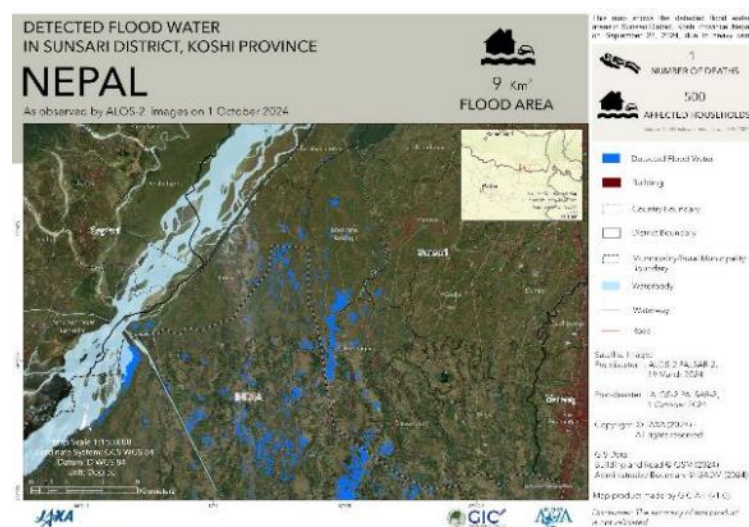
As reported by the Kathmandu Post, torrential monsoon rains that began on 26 September caused massive landslides and river flooding in various provinces of Nepal, blocking the Araniko and BP highways, submerging 500 houses in the Koshi district, and forcing thousands of people to evacuate.

<https://kathmandupost.com/national/2024/09/28/at-least-nine-dead-and-dozens-missing-as-incessant-rain-wreaks-havoc-in-various-provinces>

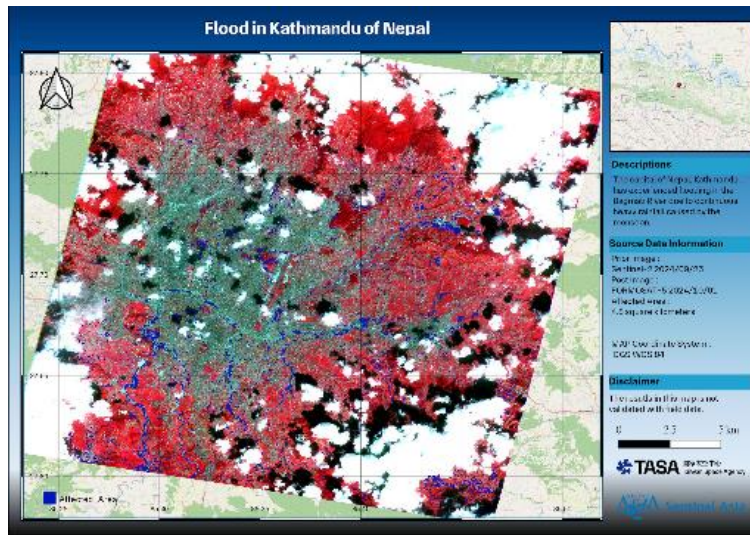
The Department of Hydrology and Meteorology (DHM) under the Ministry of Energy, Water Resources and Irrigation (MoEWRI) made an Emergency Observation Request (EOR) to Sentinel Asia on 28 September. This EOR was escalated to the International Disasters Charter. The International Centre for Integrated Mountain Development (ICIMOD) assumed the role of Project Manager for this Charter activation. Among Data Provider Nodes (DPNs), JAXA, TASA, ISRO, and GISTDA provided data. Among Data Analysis Nodes (DANs), AIT, TASA, JAXA, and MBRSC provided their Value-Added Products (VAPs).

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

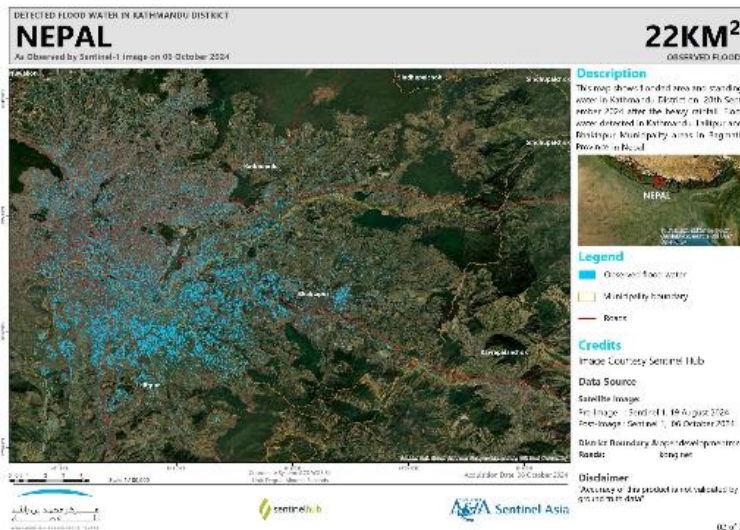
<https://sentinel-asia.org/EO/2024/article20240928NP.html>



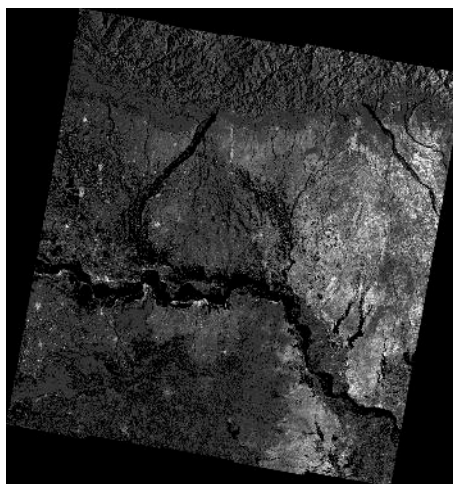
Value-Added Product by AIT



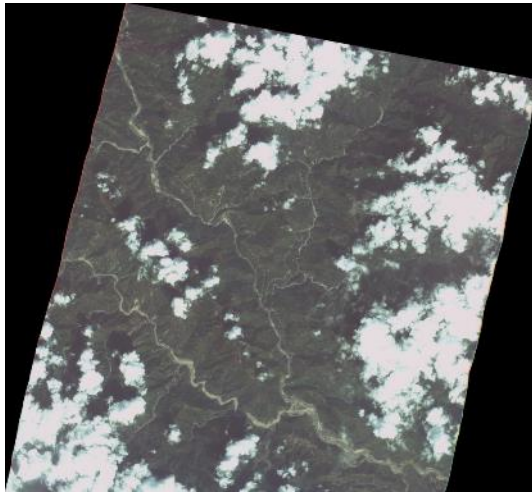
Value-Added Product by TASA



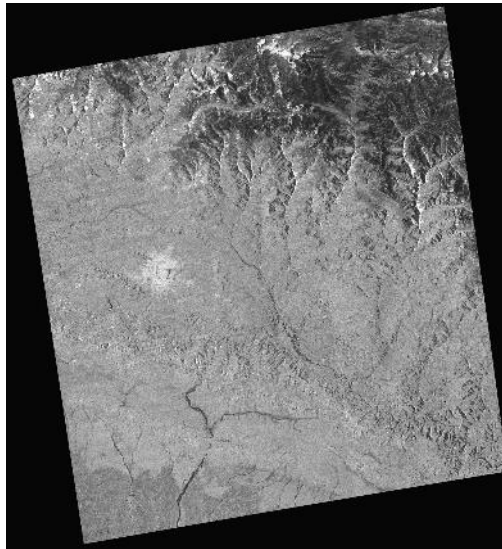
Value-Added Product by MBRSC



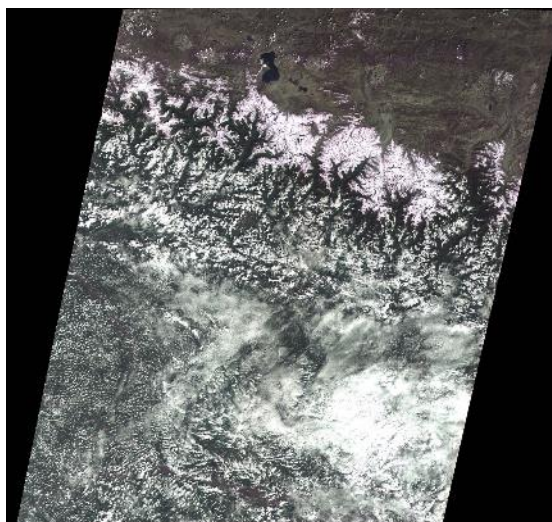
Post-disaster satellite image (ALOS-2) provided by JAXA



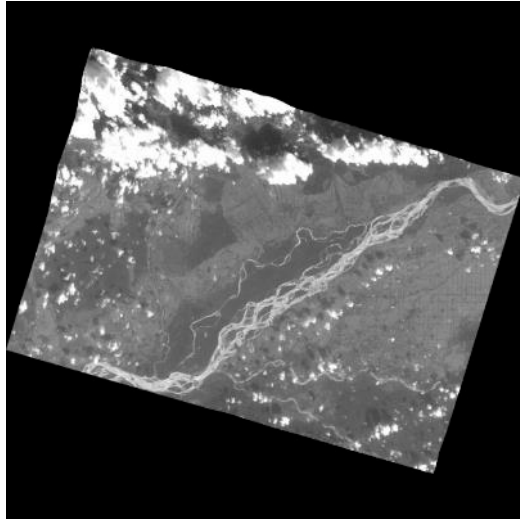
Post-disaster satellite image (FORMOSAT-5) provided by TASA



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



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



Post-disaster satellite image (THEOS1) provided by GISTDA

(2) Flood by Typhoon Krathon in Philippines on 29 September, 2024 (GLIDE Number [TC-2024-000178-PHL](#))

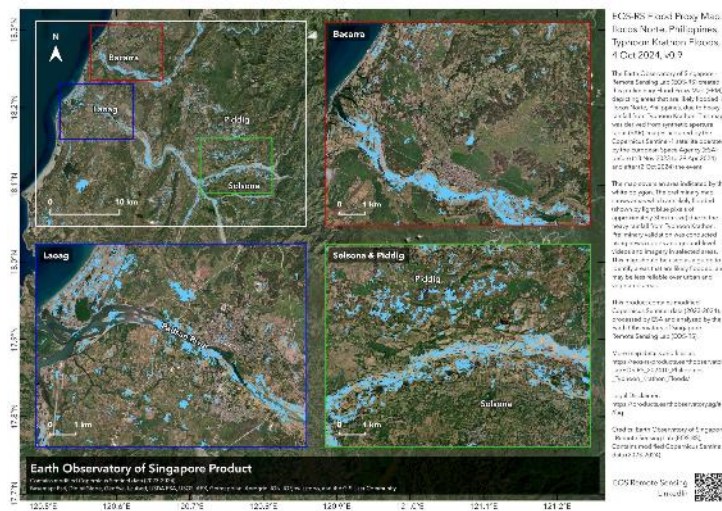
In the northern Philippines, the strong impact of Typhoon Krathon, known as Super Typhoon Julian in the Philippines, caused landslides in the province of Benguet, and flooding affected 13,000 families in the provinces of Ilocos Norte and Ilocos Sur as of 1 October, GMA News Online reported.

https://www.gmanetwork.com/news/topstories/regions/922144/julian-floods-landslide-luzon/story/#goog_rewarded

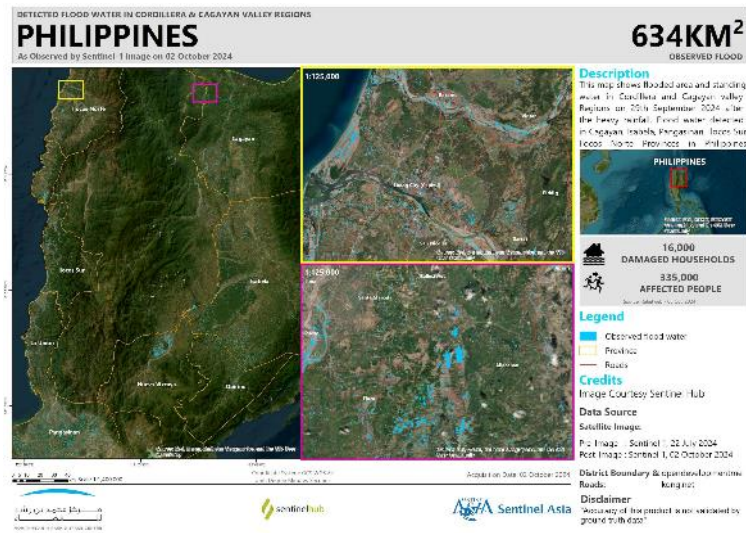
The Philippine Space Agency (PhilSA) made an EOR to Sentinel Asia on 30 September. Among DPNs, JAXA, TASA, ISRO, and GISTDA provided data. Among DANs, JAXA, EOS, and MBRSC provided their VAPs.

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

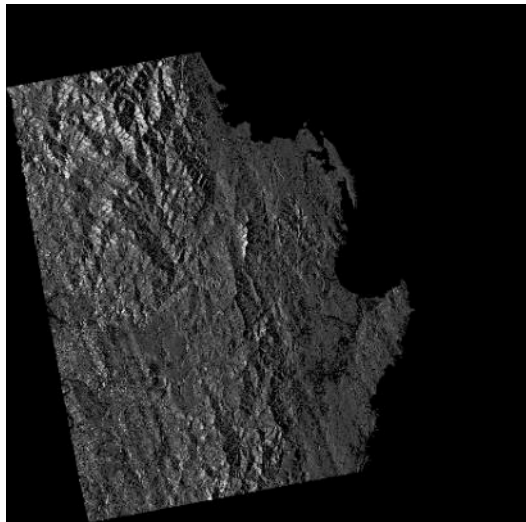
<https://sentinel-asia.org/EO/2024/article20240929PH.html>



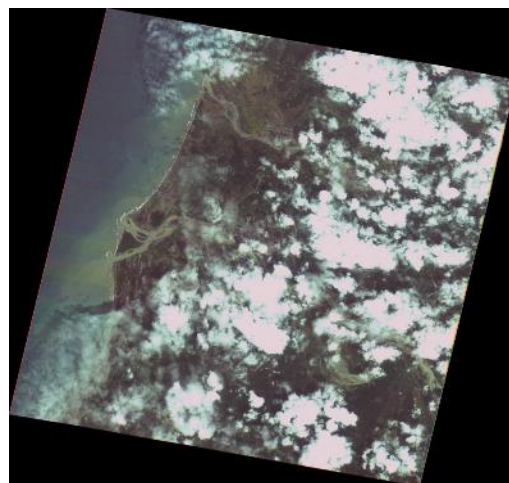
Value-Added Product by EOS



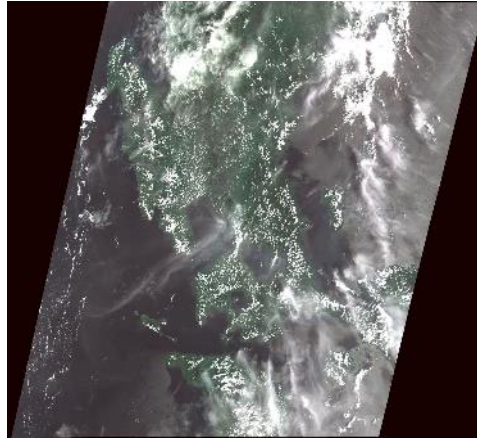
Value-Added Product by MBRSC



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



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



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



Post-disaster satellite image (THEOS1) provided by GISTDA

(3) Flood by Tropical Storm Trami in Philippines on 23 October, 2024 (GLIDE Number [TC-2024-000193-PHL](#))

Powerful tropical storm Trami, known as Kristine in the Philippines, made landfall in the Philippines, forcing the evacuation of more than 500,000 people, and as of 27 October, the death toll from the storm had reached 110, with many more missing, ABS-CBN News reported. <https://news.abs-cbn.com/news/2024/10/27/death-toll-from-kristine-rises-to-110-2116>

The Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) and the Philippine Space Agency (PhilSA) made an EOR to Sentinel Asia on 23 October. This EOR was escalated to the International Disasters Charter. The PhilSA-Space Mission Control and Operations Division (SMCOD) assumed the role of Project Manager for this Charter activation. Among DPNs, JAXA and ISRO provided data. Among DANs, EOS, JAXA, and AIT provided their VAPs.

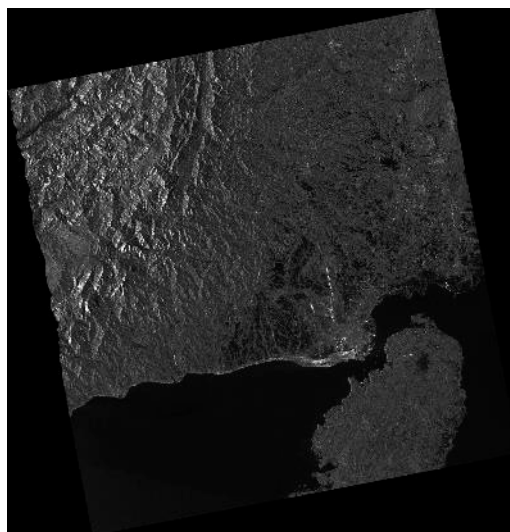
Information on the latest response by Sentinel Asia is available at the link below. <https://sentinel-asia.org/EO/2024/article20241023PH.html>



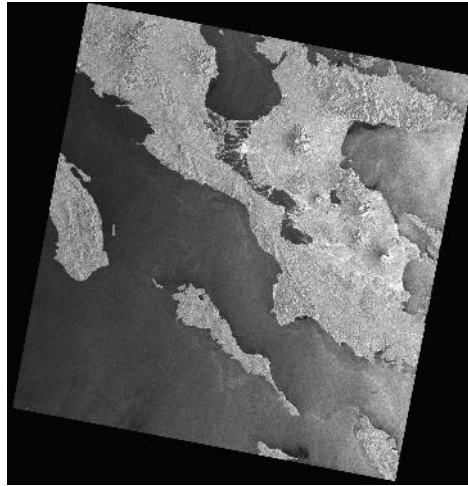
Value-Added Product by EOS



Value-Added Product by AIT



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



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

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2. [Event] Promotion of Sentinel Asia’s activities at the Asia-Pacific Ministerial Conference on Disaster Risk Reduction (APMCDRR)

The Asia-Pacific Ministerial Conference on Disaster Risk Reduction was held from 14 to 18 October 2024 in Manila, the Philippines. The Sentinel Asia Secretariat ran an exhibition booth to promote Sentinel Asia’s activities during the APMCDRR2024. The Sentinel Asia booth welcomed more than 100 participants including Mr. Kamal Kishore of India, Special Representative of the Secretary General for Disaster Risk Reduction. For more information on APMCDRR 2024, please refer to <https://apmcdrr.undrr.org/>.

Opening Ceremony



Sentinel Asia Exhibition booth

