

**\*\* November 2023 News from Sentinel Asia Project Office \*\***

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**Topics:**

1. [News] Emergency Observation of Disasters
2. How to Send an Emergency Observation Request
3. Using the Sentinel Asia Operation System, OPTEMIS

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1. [News] Emergency Observation of Disasters (as of 29 November)

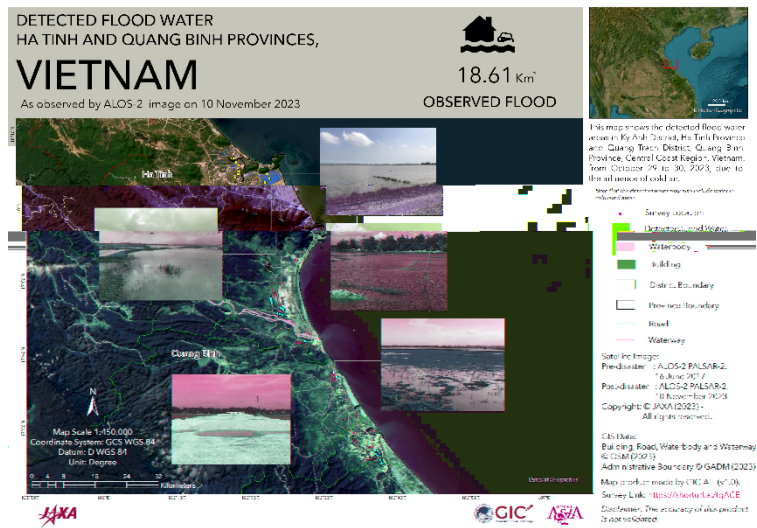
**(1) Heavy Rains and Flooding in Ha Tinh Province, Vietnam, on 30 October, 2023 (GLIDE Number [FL-2023-000213-VNM](https://reliefweb.int/report/viet-nam/vietnam-severe-weather-floods-and-landslides-noaa-cpc-adinet-echo-daily-flash-03-november-2023))**

According to ReliefWeb, since 29 October, heavy rainfall, strong winds, and a tornado event hit several parts of Vietnam. One person died as a result, and another is still missing. Twenty-one people have been displaced and 9,361 affected in Hà Tĩnh Province due to widespread floods and landslides.

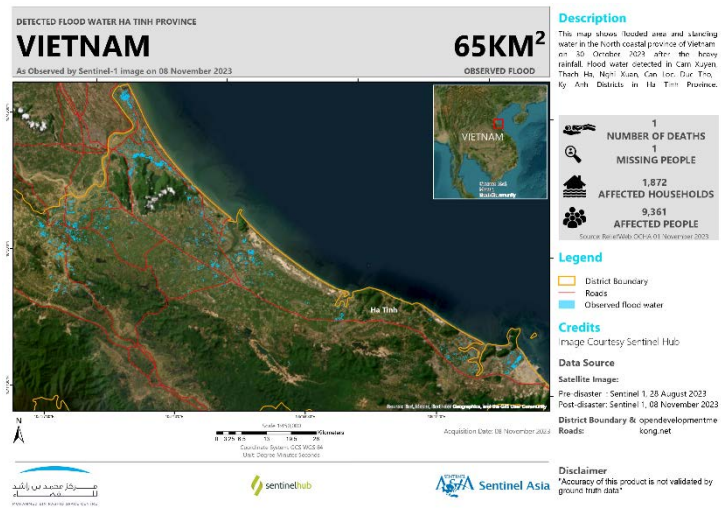
<https://reliefweb.int/report/viet-nam/vietnam-severe-weather-floods-and-landslides-noaa-cpc-adinet-echo-daily-flash-03-november-2023>

Ministry of Natural Resources and Environment (MONRE) of Vietnam made an EOR to Sentinel Asia on 31 October. Among DPNs, JAXA, TASA, ISRO, MBRSC and GISTDA provided data. Among DANs, AIT, JAXA, and MBRSC provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

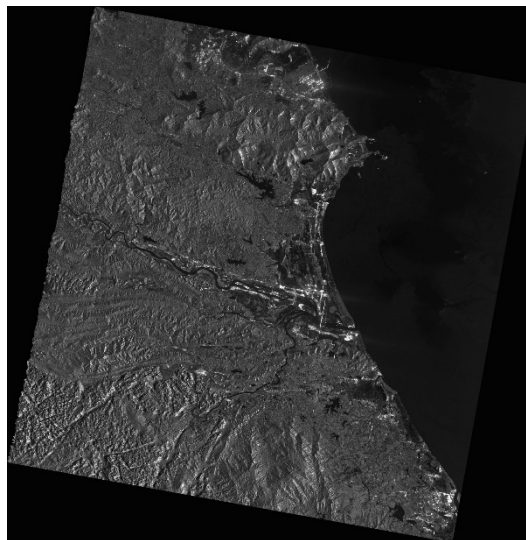
<https://sentinel-asia.org/EO/2023/article20231030VN.html>



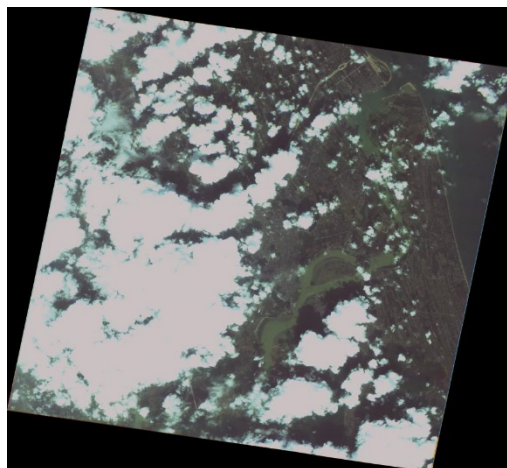
Value-Added Product by AIT



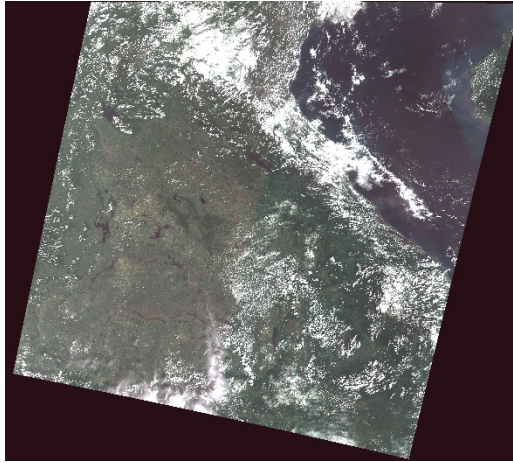
Value-Added Product by MBRSC



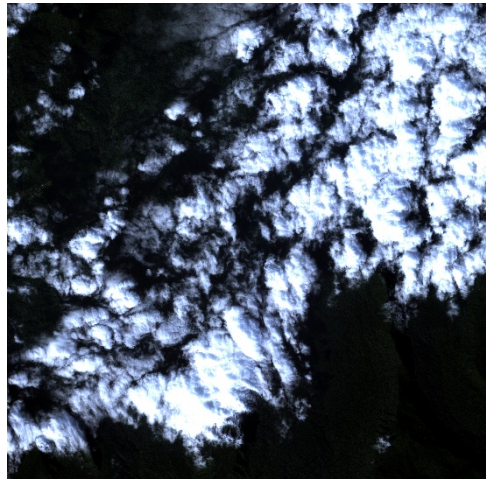
Post-disaster satellite image (ALOS-2) provided by JAXA



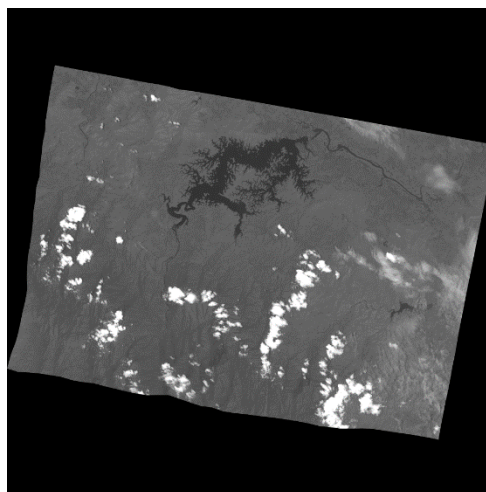
Post-disaster satellite image (FORMOSAT-5) provided by TASA



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



Post-disaster satellite image (KhalifaSat KHCS) provided by MBRSC



Post-disaster satellite image (THEOS1) provided by GISTDA



(2) Earthquake in Nepal on 3 November, 2023 (GLIDE Number [EQ-2023-000214-NPL](#))

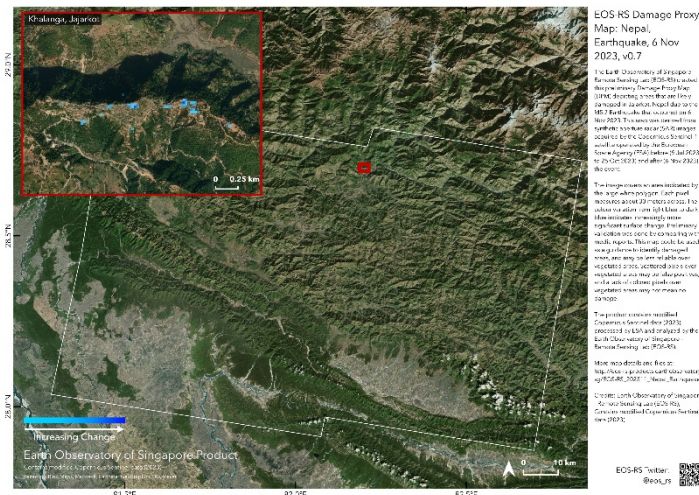
CNN reported on 4 November that a deadly quake struck Nepal. The magnitude of this earthquake was 5.6 according to the United States Geological Survey and it struck about 42 kilometers from Jumla, Nepal, in Karnali Province. The depth was relatively shallow at 18 km, and the tremors could be felt as far away as India's capital, New Delhi.

The quake killed 157 people and injured 170 others, making this quake the deadliest in the country since 2015.

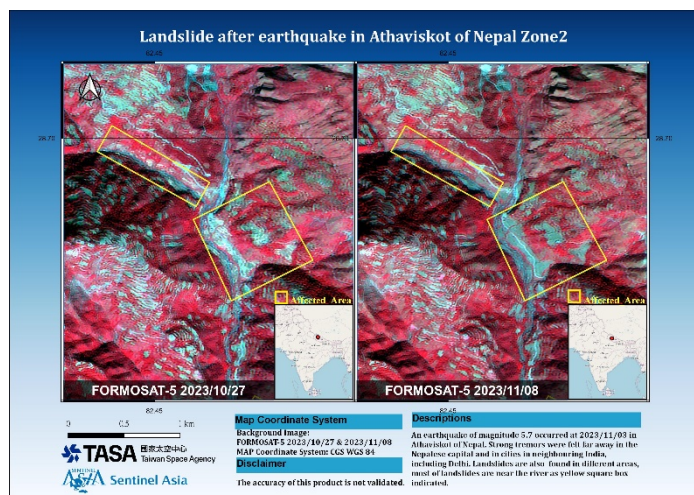
[https://edition.cnn.com/2023/11/03/asia/nepal-earthquake-northwest-hnk-intl/index.html?trk=public\\_post\\_comment-text](https://edition.cnn.com/2023/11/03/asia/nepal-earthquake-northwest-hnk-intl/index.html?trk=public_post_comment-text)

The Disaster and Conflict Management Division, Ministry of Home Affairs of Nepal made an EOR to Sentinel Asia on 5 November. Among DPNs, JAXA, TASA, and ISRO provided data. Among DANs, EOS, TASA, and MBRSC provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

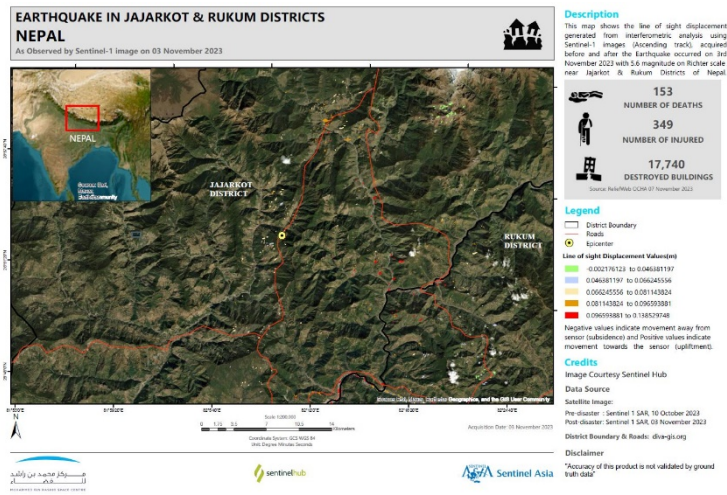
<https://sentinel-asia.org/EO/2023/article20231103NP.html>



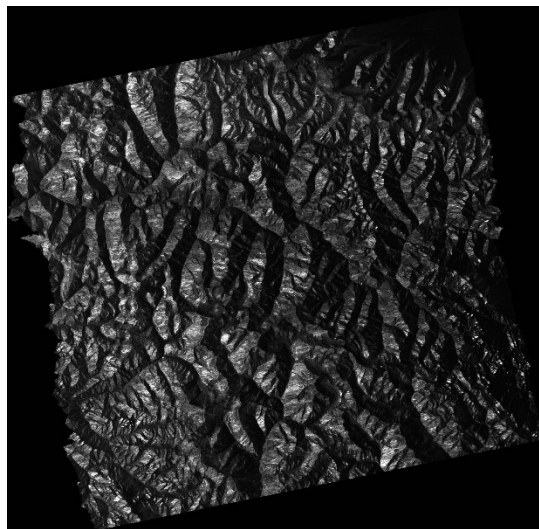
Value-Added Product by EOS



Value-Added Product by TASA



Value-Added Product by MBRSC

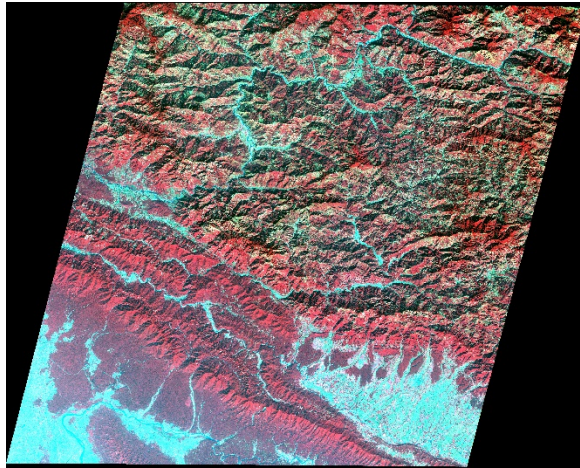


Post-disaster satellite image (ALOS-2) provided by JAXA



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





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

(3) Flood in Thua Thien Hue Province, Vietnam, on 15 November, 2023 (GLIDE Number [FL-2023-000222-VNM](#) )

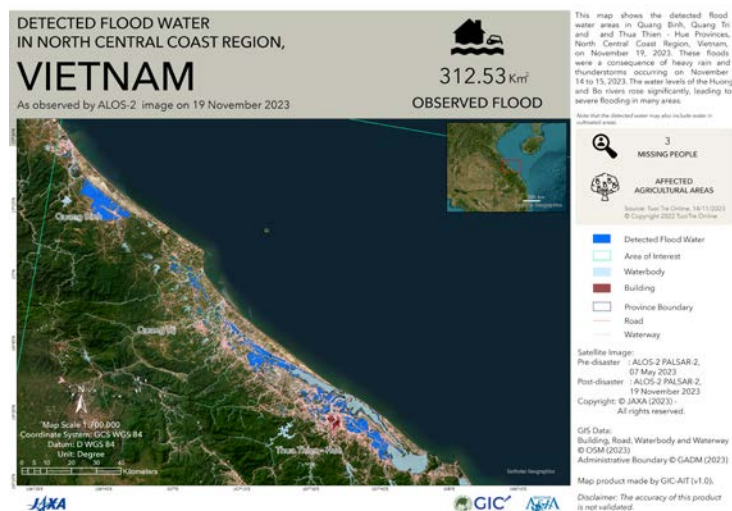
Heavy rainfall, thunderstorms, and strong winds affected several parts of Vietnam on 13-14 November, causing floods and landslides that resulted in casualties and damage.

Three people were missing in Quang Tri Province. At least 525 people have been displaced in shelters and a total of 6,820 people have been affected by floods across Quang Tri, Thua Thien Hue, and Ha Tinh provinces in central Vietnam, ReliefWeb reported.

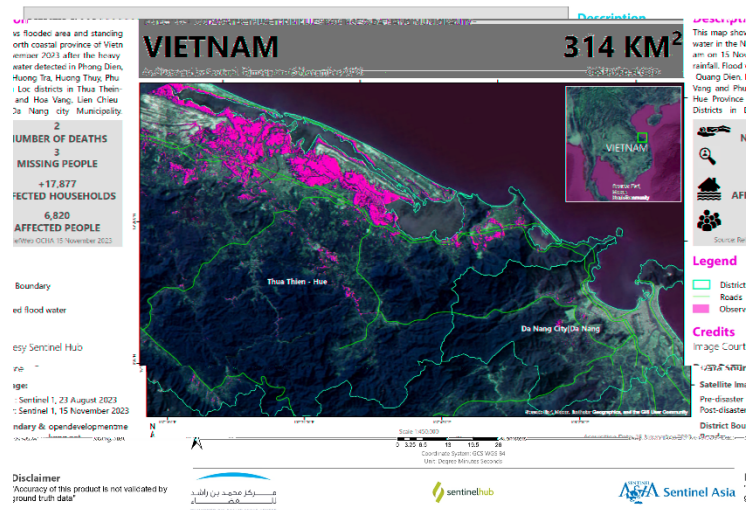
<https://reliefweb.int/report/viet-nam/vietnam-severe-weather-floods-and-landslides-adinet-nckmf-echo-daily-flash-15-november-2023>

MONRE made an EOR to Sentinel Asia on 15 November. Among DPNs, ISRO, TASA and GISTDA provided data. Among DANs, AIT and MBRSC provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

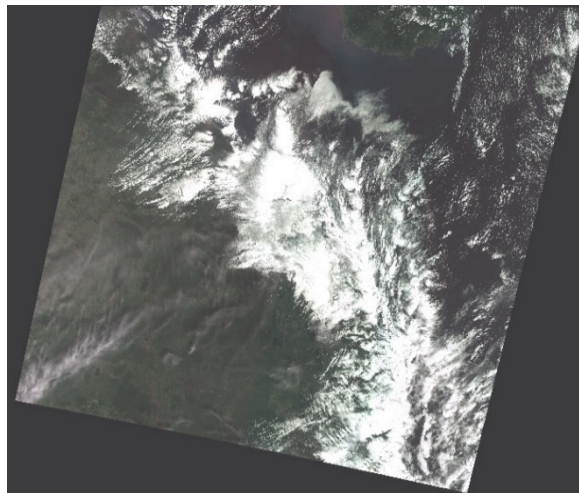
<https://sentinel-asia.org/EO/2023/article20231115VN.html>



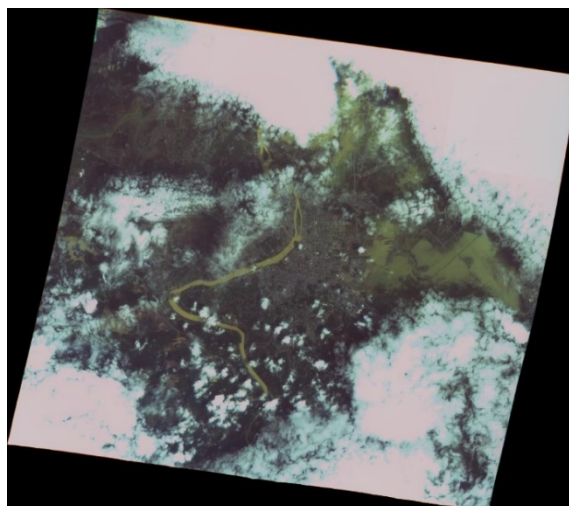
Value-Added Product by AIT



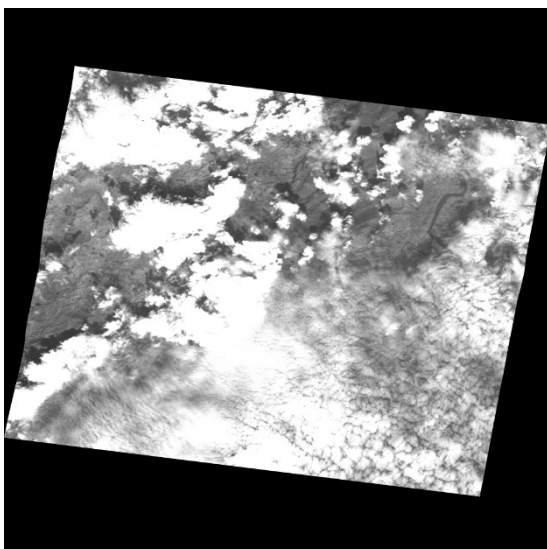
Value-Added Product by MBRSC



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



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



Post-disaster satellite image (THEOS1) provided by GISTDA

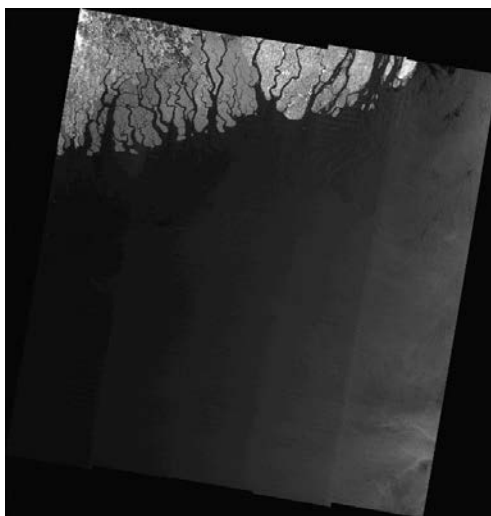
(4) Cyclone Midhili in Bangladesh on 17 November, 2023 (GLIDE Number [TC-2023-000230-BGD](#))

According to La prensa Latina, as of 18 November at least three people died and 39 remained missing as tropical cyclone Midhili made landfall on the Bangladesh coast. Midhili is the second cyclone to hit the Bangladesh coast in less than a month, after Hamoon struck the southeastern Cox's Bazar coast in late October, killing at least five people.

<https://www.laprensalatina.com/three-dead-39-missing-in-bangladesh-due-to-cyclone-midhili/>

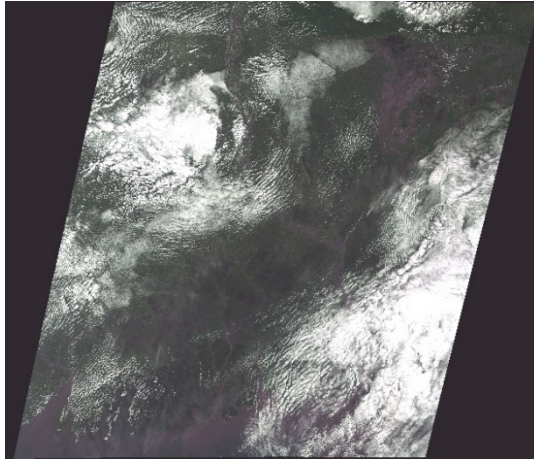
The Bangladesh Water Development Board made an EOR to Sentinel Asia on 17 November. Among DPNs, JAXA, ISRO, and TASA, GISTDA provided data. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2023/article20231117BD.html>

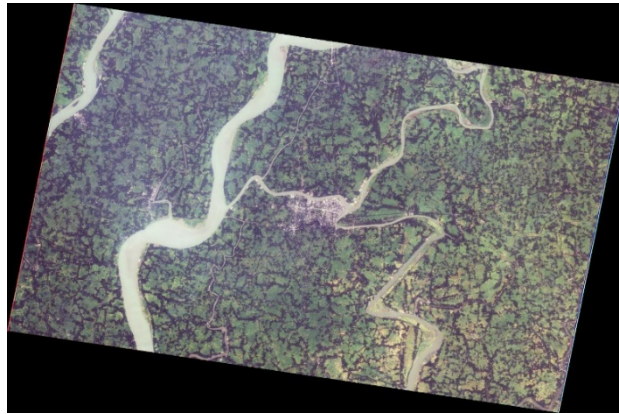


Post-disaster satellite image (ALOS-2) provided by JAXA

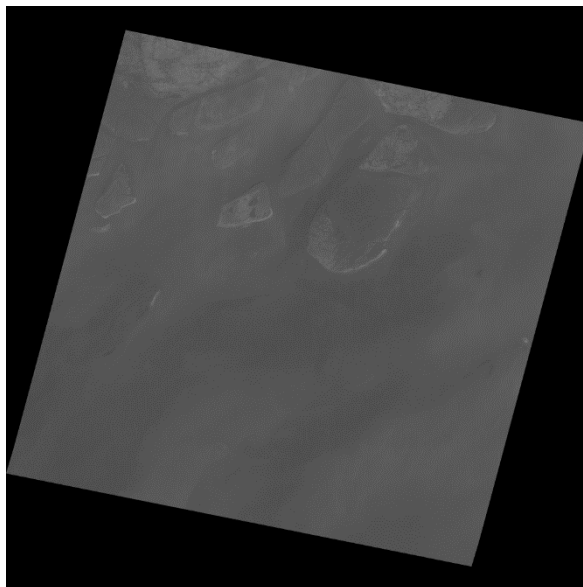




Post-disaster satellite image (Resourcesat-2) provided by ISRO



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



Post-disaster satellite image (THEOS1) provided by GISTDA

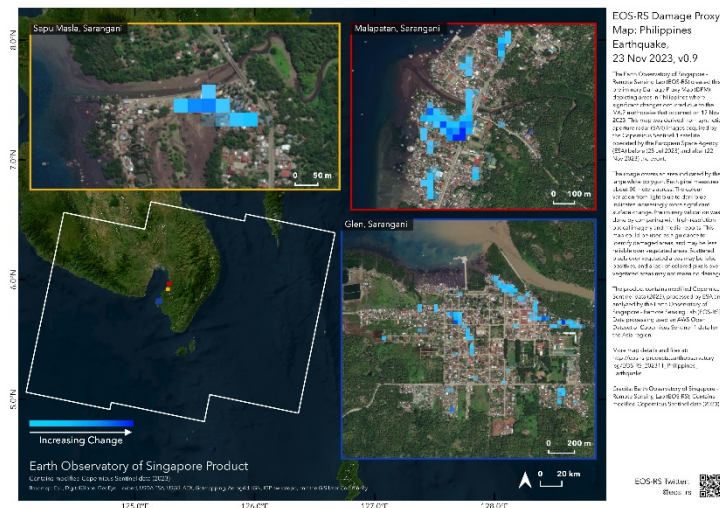
(5) Earthquake in Southern Mindanao, Philippines on 17 November, 2023 (GLIDE Number [EQ-2023-000228-PHL](https://www.abc.net.au/news/2023-11-18/philippines-earthquake-mindanao-island-magnitude-6-7/103121352))

A magnitude-6.7 earthquake struck the southern Philippines on 17 November, killing six people, injuring dozens, and damaging buildings. The undersea earthquake struck off Mindanao island, the Philippines, at a depth of 60 kilometers, ABC News reported.

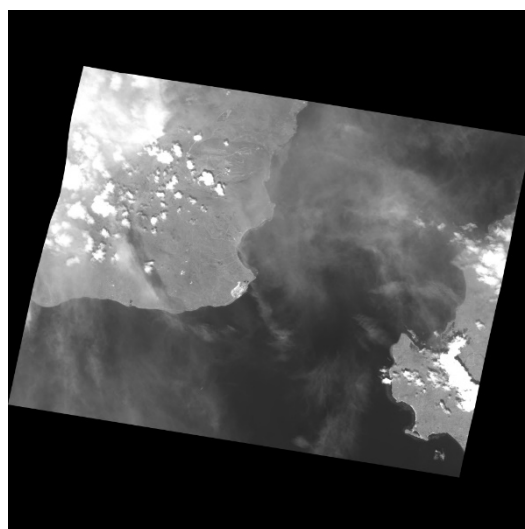
<https://www.abc.net.au/news/2023-11-18/philippines-earthquake-mindanao-island-magnitude-6-7/103121352>

The Philippine Institute of Volcanology and Seismology (PHIVOLCS) made an EOR to Sentinel Asia on 17 November and this EOR was escalated to the International Disasters Charter. PHIVOLCS assumed the role of Project Manager for this Charter activation. Among DPNs, GISTDA and TASA 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/2023/article20231117PH.html>



Value-Added Product by EOS



Post-disaster satellite image (THEOS1) provided by GISTDA

