

**** August 2022 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 31 August)

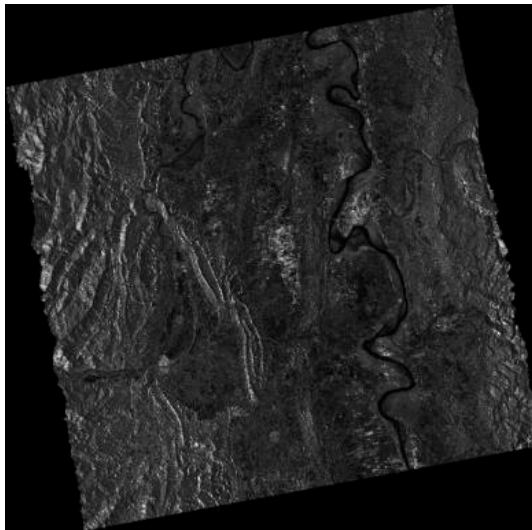
(1) Earthquake in the Philippines on 27 July, 2022 (GLIDE Number [EQ-2022-000273-PHL](https://www.cnnphilippines.com/news/2022/7/27/earthquake-7.3-magnitude-Abra-Luzon.html?fbclid=IwAR11qBYdRXDgv9WhuSILpH04CSJVg7LBsS76vZSLf6ErcHGgzXtr5tVT3x8))

A magnitude 7 earthquake hit Northern Luzon, the Philippines, on 27 July. According to CNN, the National Disaster Risk Reduction and Management Council (NDRRMC) announced that four people, two in Benguet and others in Abra and Kalinga, died.

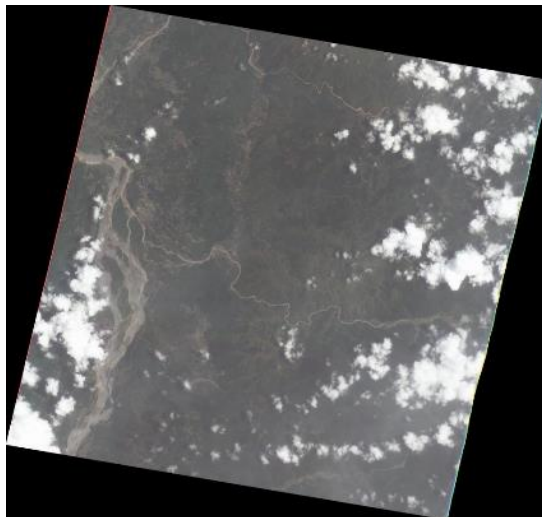
<https://www.cnnphilippines.com/news/2022/7/27/earthquake-7.3-magnitude-Abra-Luzon.html?fbclid=IwAR11qBYdRXDgv9WhuSILpH04CSJVg7LBsS76vZSLf6ErcHGgzXtr5tVT3x8>

The Philippine Institute of Volcanology and Seismology (PHIVOLCS) made an Emergency Observation Request (EOR) to Sentinel Asia on 27 July. This EOR was escalated to the International Disasters Charter. PHIVOLCS assumed the role of Project Manager for this Charter activation. Among Data Provider Nodes (DPNs), the Japan Aerospace Exploration Agency (JAXA) and the National Applied Research Laboratories (NARL) provided data. Among Data Analysis Nodes (DANs), the Asian Institute of Technology (AIT), the Earth Observatory of Singapore (EOS) and the Mohammed Bin Rashid Space Centre (MBRSC) provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

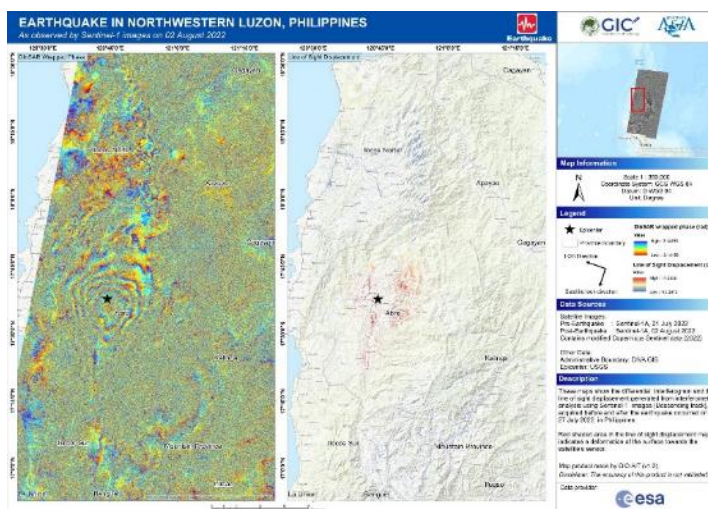
<https://sentinel-asia.org/EO/2022/article20220727PH.html>



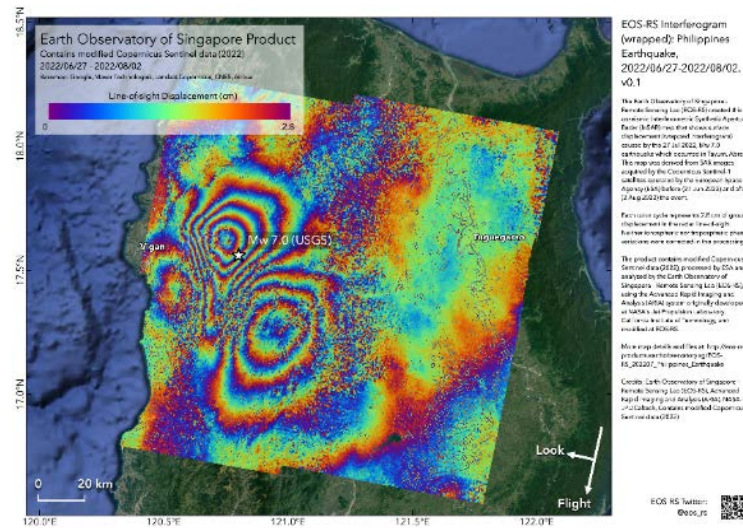
Satellite image (ALOS-2) provided by JAXA



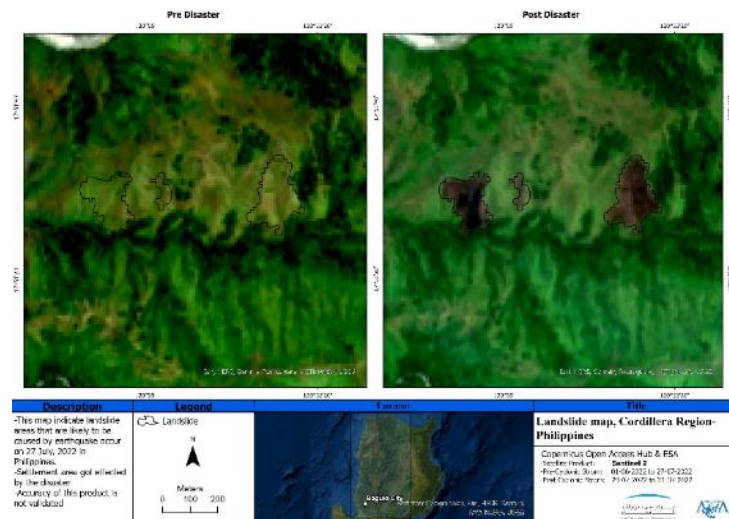
Satellite image (FORMOSAT-5) provided by NARL



Value-Added Product by AIT



Value-Added Product by EOS



Value-Added Product by MBRSC

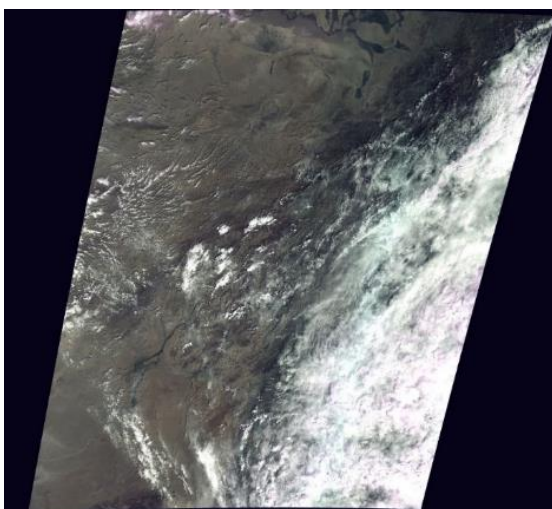
(2) Flood in Pakistan on 17 August, 2022 (GLIDE Number [FL-2022-000254-PAK](#))

Heavy rains in Pakistan in July caused flooding. Balochistan province in southwestern part of the country was the hardest hit. According to the Climate Home News, at least 550 people were killed across Pakistan.

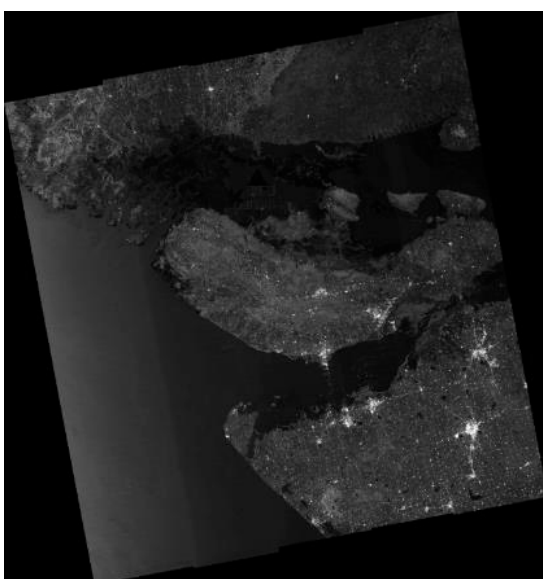
<https://www.climatechangenews.com/2022/08/11/pakistan-struggles-to-rebuild-after-deadly-flash-floods/>

The Asian Disaster Reduction Center (ADRC) made an EOR to Sentinel Asia on 18 August. Among Data Provider Nodes (DPNs), the Indian Space Research Organisation (ISRO), JAXA, and NARL provided data. Among Data Analysis Nodes (DANs), AIT and EOS provided their VAPs. Information on the latest response by Sentinel Asia is available at the link below.

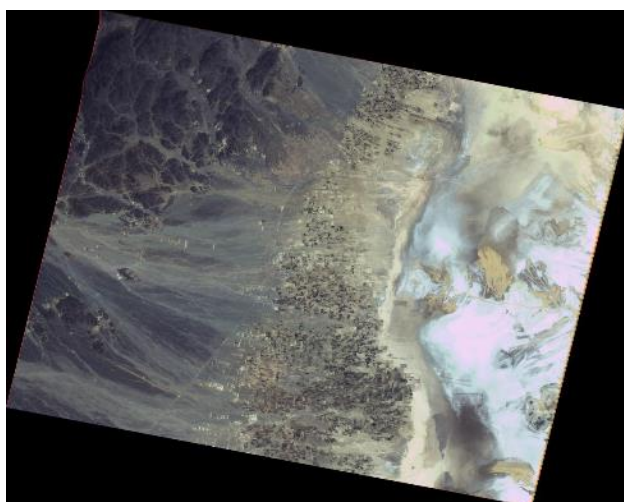
<https://sentinel-asia.org/EO/2022/article20220817PK.html>



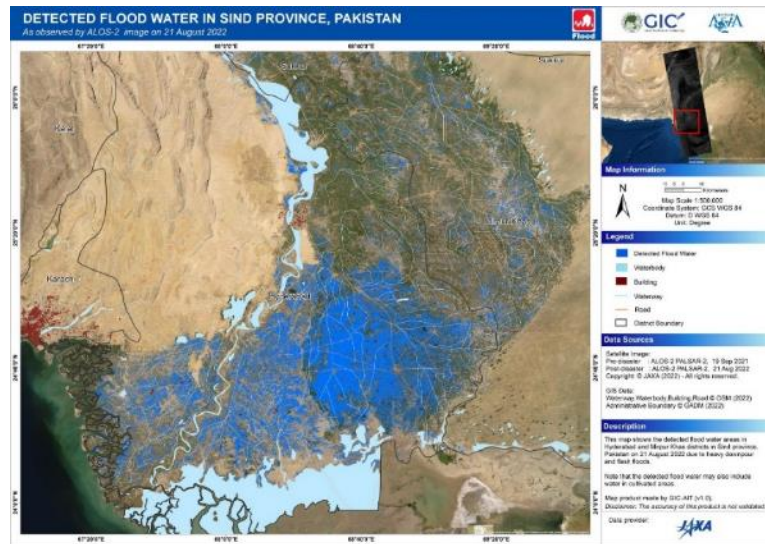
Satellite image (Resourcesat-2) provided by ISRO



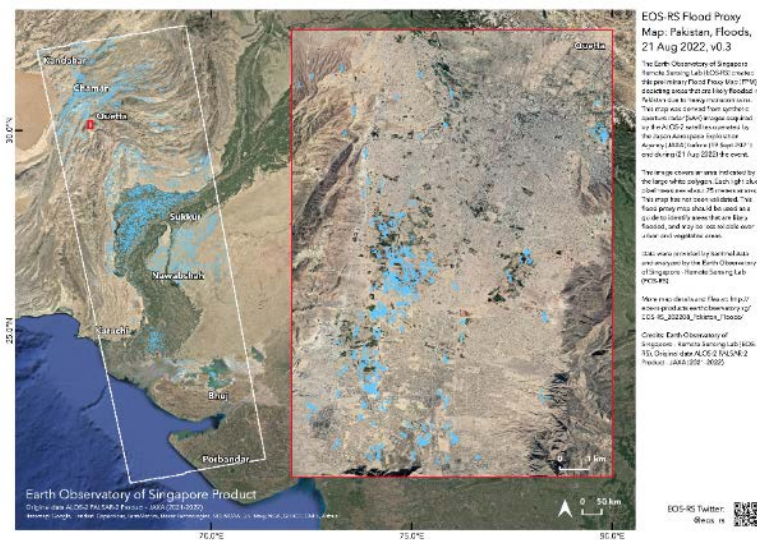
Satellite image (ALOS-2) provided by JAXA



Satellite image (FORMOSAT-5) provided by NARL



Value-Added Product by AIT



Value-Added Product by EOS

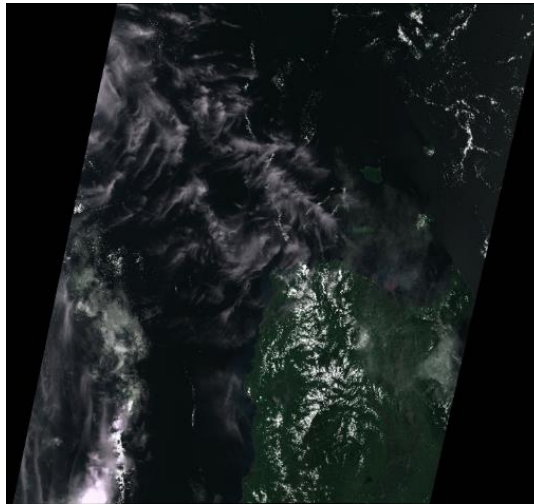
(3) Storm, Flood, and Landslide in the Philippines on 23 August, 2022 (GLIDE Number [TC-2022-000294-PHL](#))

Tropical Storm Ma-On (Florita) struck Luzon Island in the Philippines on 23 August. The Business Standard reported that three people died and four were injured, with nearly 50,000 people in almost 400 villages affected.

https://www.business-standard.com/article/international/3-killed-4-injured-in-philippines-as-tropical-cyclone-ma-on-intensifies-122082500521_1.html

The Manila Observatory (MO) made an EOR to Sentinel Asia on 23 August. Among Data Provider Nodes (DPNs), Geo-Informatics and Space Technology Development Agency (GISTDA), ISRO, JAXA, and NARL provided data. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2022/article20220823PH.html>



Satellite image (Resourcesat-2A) provided by ISRO

(4) Flood in India on 23 August, 2022 (GLIDE Number [FL-2022-000295-IND](#))

Heavy rain in India caused flooding in several areas of the nation. At least six people were killed and many evacuated, according to Hindustan Times.

<https://www.hindustantimes.com/india-news/heavy-rains-trigger-flood-fury-in-mp-odisha-6-dead-101661195462428.html>)

ISRO made an Emergency Observation Request (EOR) to Sentinel Asia on 24 August. Among Data Provider Nodes (DPNs), GISTDA, JAXA, and NARL provided data. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2022/article20220823IN.html>

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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](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

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