

**\*\* September 2022 News from Sentinel Asia Project Office \*\***

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**Topics:**

1. [News] Emergency Observation of Disasters
2. [Event] Promoted Sentinel Asia’s activities at the Asia-Pacific Ministerial Conference on Disaster Risk Reduction
3. How to Send an Emergency Observation Request
4. Using the Sentinel Asia Operation System, OPTEMIS

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

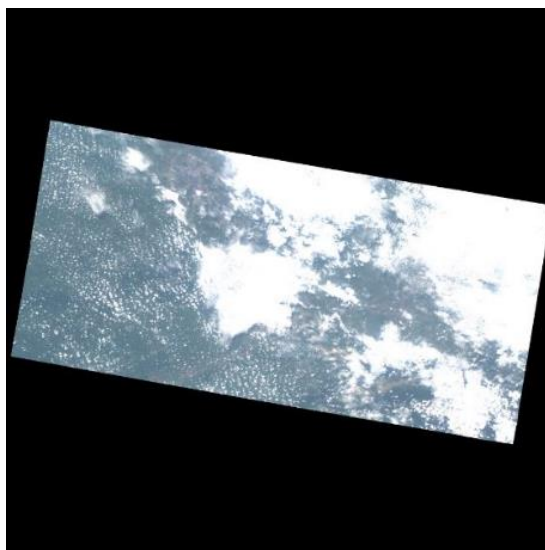
(1) Flood in India on 23 August, 2022 (GLIDE Number [FL-2022-000295-IND](https://sentinel-asia.org/EO/2022/article20220823IN.html))

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

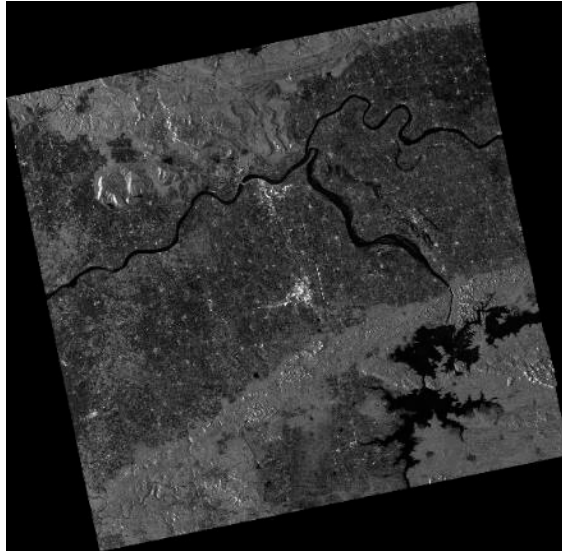
<https://www.hindustantimes.com/india-news/heavy-rains-trigger-flood-fury-in-mp-odisha-6-dead-101661195462428.html>

The Indian Space Research Organisation (ISRO) made an Emergency Observation Request (EOR) to Sentinel Asia on 24 August. Among Data Provider Nodes (DPNs), the Geo-Informatics and Space Technology Development Agency (GISTDA), the Japan Aerospace Exploration Agency (JAXA), and the National Applied Research Laboratories (NARL) provided data. Among Data Analysis Nodes (DANs), the Mohammed Bin Rashid Space Centre (MBRSC) provided its VAPs. Information on the latest response by Sentinel Asia is available at the link below.

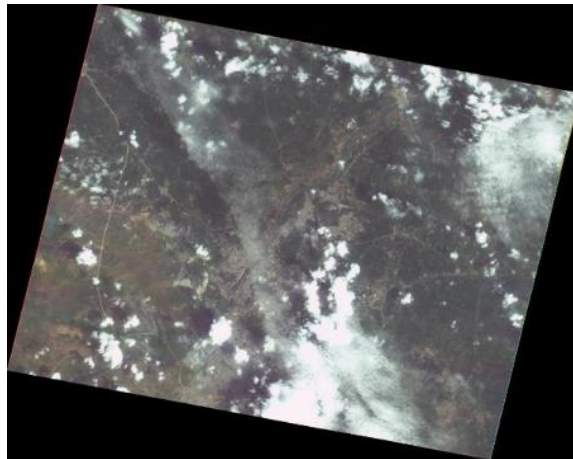
<https://sentinel-asia.org/EO/2022/article20220823IN.html>



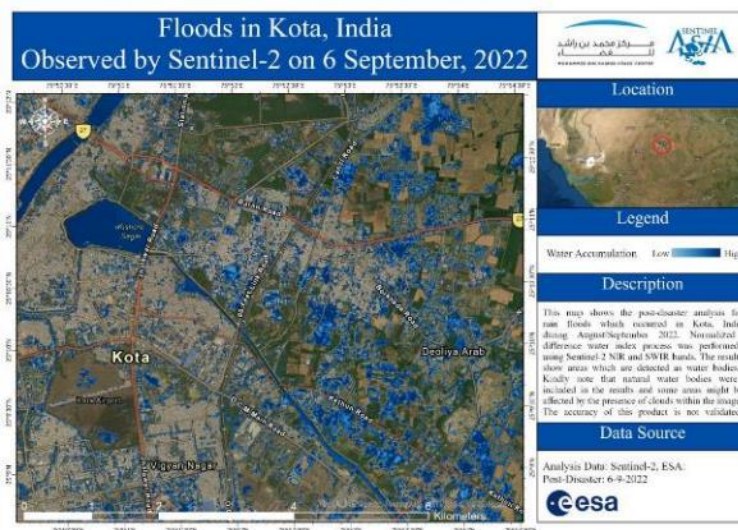
Satellite image (THEOS1) provided by GISTDA



Satellite image (ALOS-2) provided by JAXA



Satellite image (FORMOSAT-5) provided by NARL



Value-Added Product by MBRSC

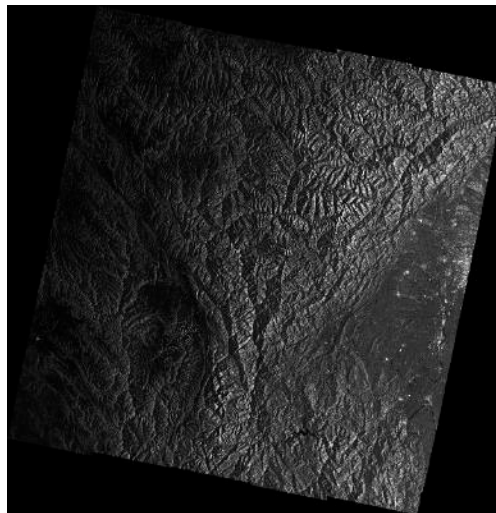
(2) Earthquake in China on 5 September, 2022 (GLIDE Number [EQ-2022-000303-CHN](#))

A magnitude 6.8 earthquake struck China's Sichuan Province on 5 September, killing dozens of the residents, USA Today reported.

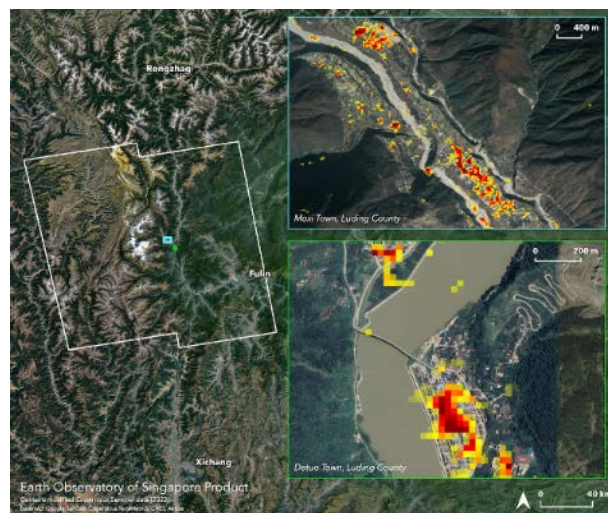
(<https://www.usatoday.com/picture-gallery/news/world/2022/09/08/6-8-magnitude-earthquake-shakes-china/8022272001/>)

The Institute of Geology, China Earthquake Administration (CEA) made an EOR to Sentinel Asia on 6 September. Among DPNs, JAXA provided data. Among DANs, the Earth Observatory of Singapore (EOS) provided its VAPs. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2022/article20220905CN.html>



Satellite image (ALOS-2) provided by JAXA



Value-Added Product by EOS

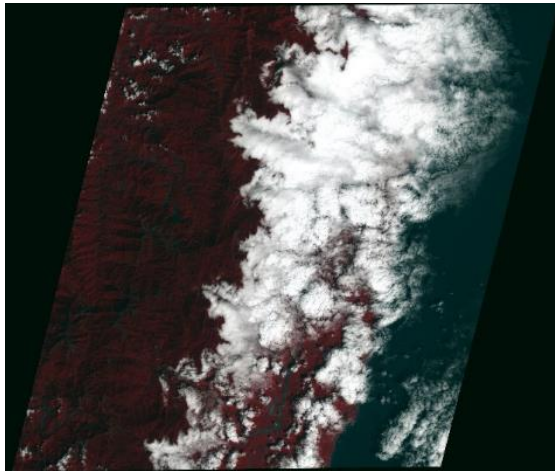
(3) Earthquake in Taiwan on 17 September, 2022 (GLIDE Number [EQ-2022-000303-CHN](#))

On 18 and 19 September, a series of earthquakes including ones at magnitude 6.4 and 6.5 hit Taiwan, leaving one dead and many injured, according to the Guardian.

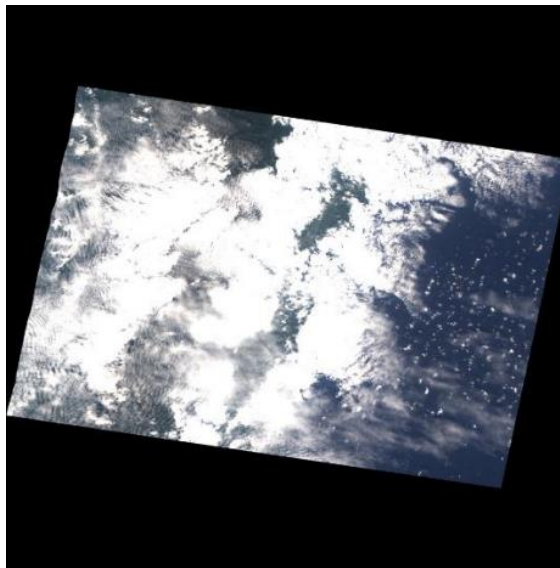
<https://www.theguardian.com/world/2022/sep/18/taiwan-earthquake-damage-hualien>)

The National Applied Research Laboratories (NARL) made an EOR to Sentinel Asia on 19 September. Among DPNs, ISRO and GISTDA provided data. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2022/article20220917TW.html>



Satellite image (Resourcesat-2A) provided by ISRO



Satellite image (THEOS-1) provided by GISTDA

(4) Storm, Flood, and Landslide in the Philippines on 25 September, 2022 (GLIDE Number [TC-2022-000318-PHL](#))

A strong typhoon Noru (Karding) made landfall in the Philippines and passed over Luzon Island, causing heavy damage, Channel News Asia reported.

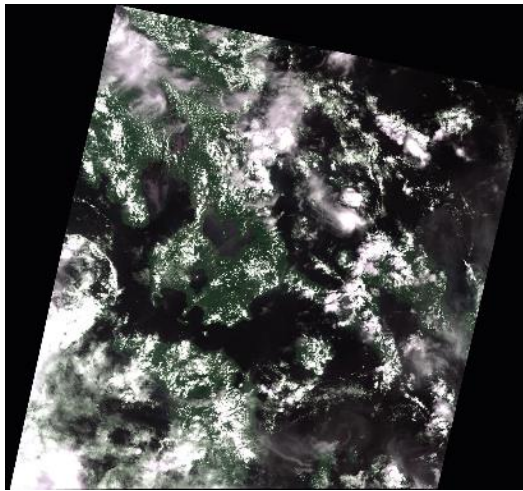
<https://www.channelnewsasia.com/asia/typhoon-noru-philippines-marcos-aid-thousands-evacuate-flood-dead-2964846>)

The ASEAN Coordinating Centre for Humanitarian Assistance on disaster management (AHA

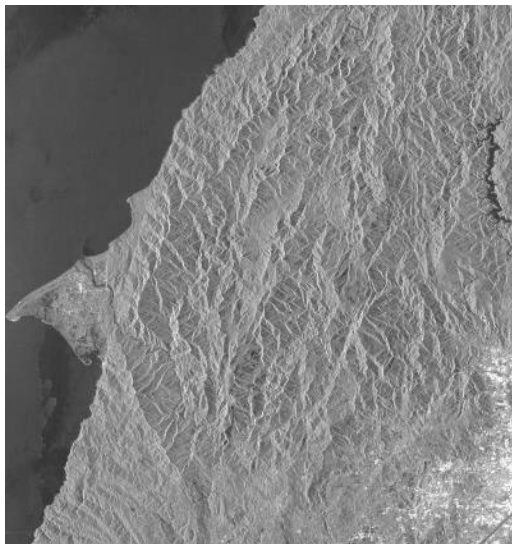


Centre) made an EOR to Sentinel Asia on 25 September. Among DPNs, ISRO and JAXA provided data. Among DANs, EOS provided its VAPs. Information on the latest response by Sentinel Asia is available at the link below.

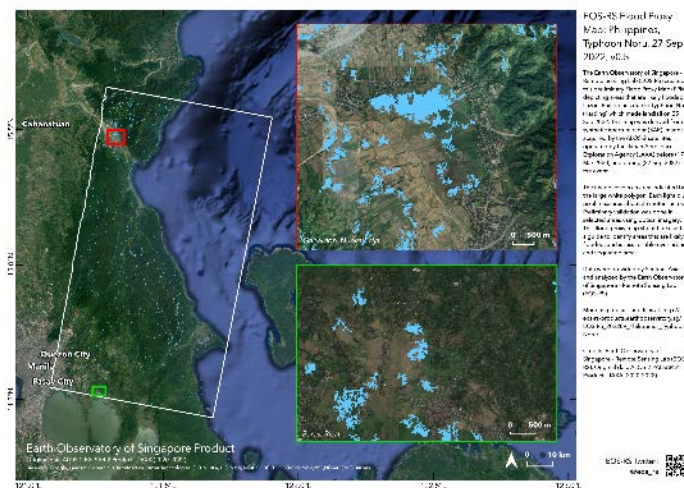
<https://sentinel-asia.org/EO/2022/article20220925PH.html>



Satellite image (Resourcesat-2A) provided by ISRO



Satellite image (ALOS-2) provided by JAXA



Value-Added Product by EOS

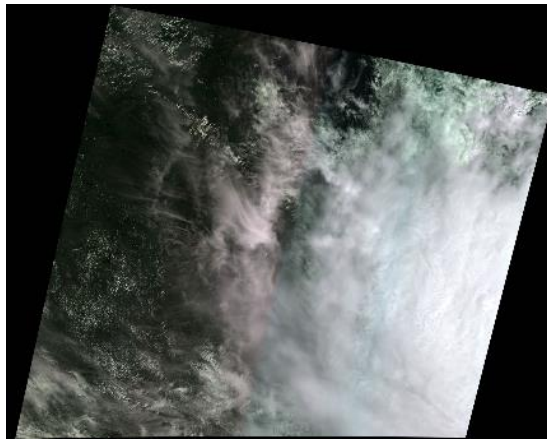
(5) Storm, Flood, and Landslide in Vietnam on 28 September, 2022 (GLIDE Number [TC-2022-000318-PHL](#))

After passing over the Philippines and the South China Sea, Typhoon Noru (Karding) made landfall in Vietnam. According to Channel News Asia, Noru was downgraded to a tropical depression, but there is still risk of flooding and landslides.

(<https://www.channelnewsasia.com/asia/typhoon-noru-vietnam-tropical-storm-flood-risk-2969821>)

The Ministry of Natural Resources and Environment (MONRE) made an EOR to Sentinel Asia on 28 September. Among DPNs, ISRO provided data. Information on the latest response by Sentinel Asia is available at the link below.

<https://sentinel-asia.org/EO/2022/article20220928VN.html>



Satellite image (Resourcesat-2) 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 19 to 22 September 2022 in Brisbane, Australia.

The Sentinel Asia Secretariat ran an exhibition booth to promote Sentinel Asia’s activities during the APMCDRR. The Sentinel Asia booth welcomed more than 100 participants per day.

For more information on APMCDRR 2022, please refer to <https://apmcdrr.undrr.org/>.



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