

**** December 2025 News from Sentinel Asia Project Office ****

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Topics:

1. [News] Emergency Observation of Disasters (as of 25 December)
2. [Event] Asia Conference on Disaster Reduction (ACDR) 2025 in Tokyo
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 25 December)

(1) Heavy Rains Flood in Southern Thailand on 19 November, 2025 (GLIDE Number AV-2025-000199-TJK)

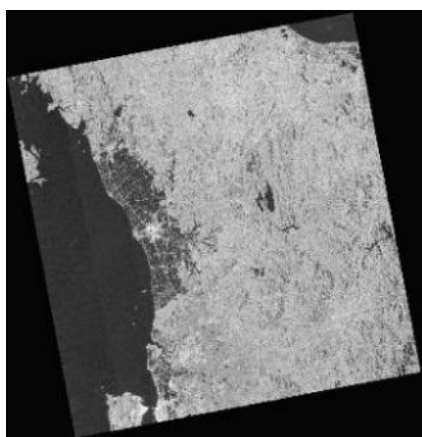
Tremendous rain in November caused severe flooding in Thailand, especially in the southern area. The government declared a state of emergency in Songkhla province on 25 November, Deutsche Welle reported.

<https://www.dw.com/en/deadly-floods-hit-southern-thailand-after-heavy-rains/a-74897131>

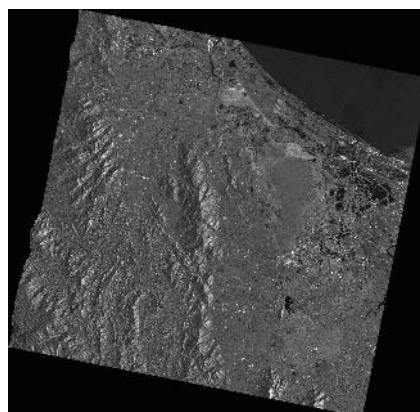
Geo-Informatics and Space Technology Development Agency (GISTDA) made an Emergency Observation Request (EOR) to Sentinel Asia on 25 November. Among Data Provider Nodes (DPNs), ISRO, JAXA, JSC National Company Kazakhstan Gharysh Sapary (KGS), and TASA provided data. Among Data Analysis Nodes (DANs), AIT, EOS, 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/2025/article20251119TH.html>



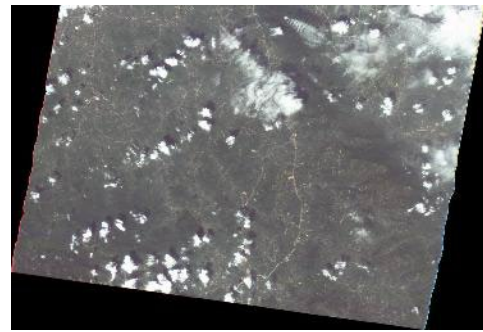
Post-disaster satellite image (EOS-04)
provided by ISRO



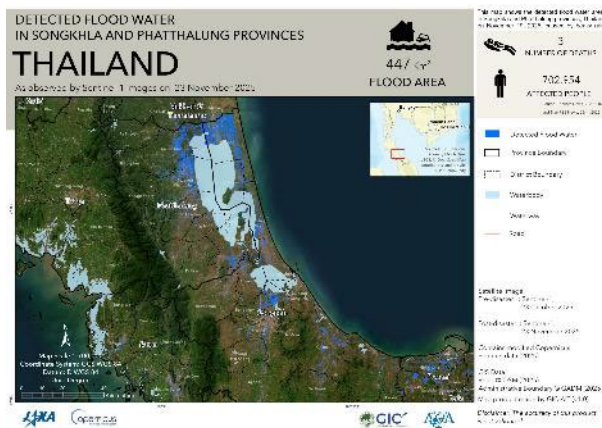
Post-disaster satellite image (ALOS-2)
provided by JAXA



Post-disaster satellite image (KazEOSat-1)
provided by KGS



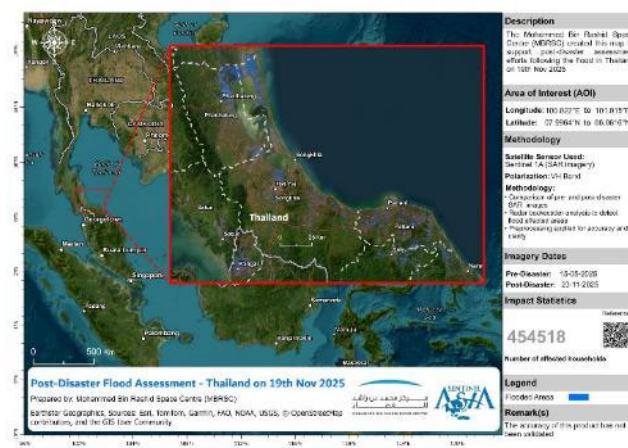
Post-disaster satellite image (FORMOSAT-5)
provided by TASA



Value-Added Product by AIT



Value-Added Product by EOS



Value-Added Product by MBRSC

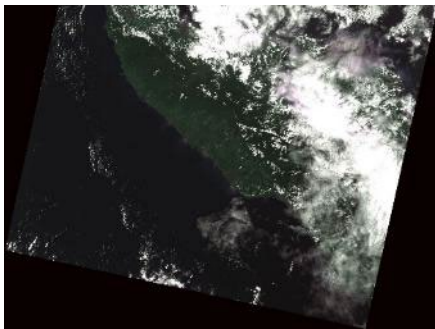
(2) Flood and Landslide in North Sumatra, Indonesia, on 28 November, 2025 (GLIDE Number LS-2025-000214-IDN)

Indonesia also suffered the flooding and landslides. Tropical Cyclone Senyar in the Malacca Strait caused damage across Aceh, North Sumatra, and West Sumatra.

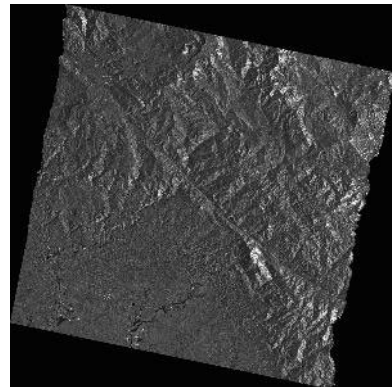
The National Research and Innovation Agency of Indonesia (BRIN) made an EOR to Sentinel Asia on 29 November. This EOR was escalated to the International Disasters Charter. BRIN assumed the role of Project Manager for this Charter activation. Among DPNs, ISRO, JAXA, KGS, and TASA provided data. Among DANs, AIT, EOS, and JAXA provided their value-added products (VAPs).

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

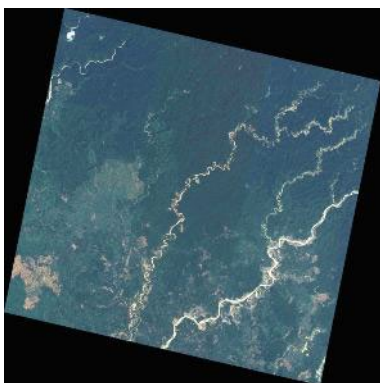
<https://sentinel-asia.org/EO/2025/article20251128ID.html>



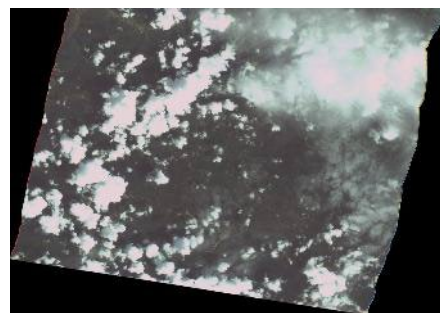
Post-disaster satellite image (Resourcesat-2A)
provided by ISRO



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



Post-disaster satellite image (KazEOSat-1)
provided by KGS



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



Value-Added Product by AIT



Value-Added Product by EOS

(3) Flood Due to Cyclone Ditwah in Sri Lanka on 26 November, 2025 (GLIDE Number FL-2025-000213-LKA)

United Nations announced that Cyclone Ditwah struck Sri Lanka on 28 November and geospatial analysis from the United Nations Development Programme (UNDP) shows floodwaters from the cyclone inundated more than 1.1 million hectares—almost 20% of the country's land area.

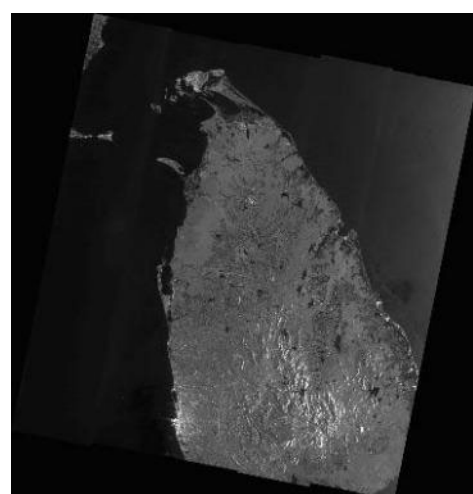
The Disaster Management Centre (DMC) of Sri Lanka and Japan International Cooperation Agency (JICA) made EORs to Sentinel Asia on 1 December. This EOR was escalated to the International Disasters Charter. DMC assumed the role of Project Manager for this Charter activation. Among DPNs, ISRO, JAXA, KGS, and TASA provided data. Among DANs, EOS, MBRSC, and TASA provided their value-added products (VAPs).

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

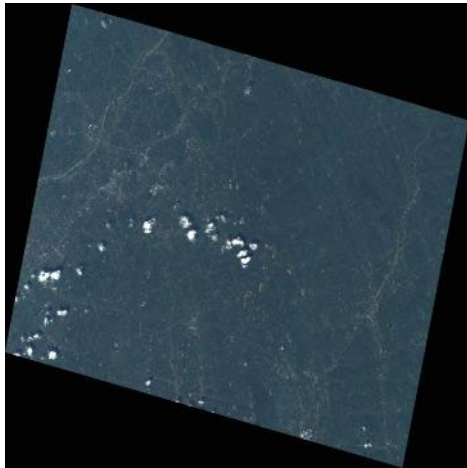
<https://sentinel-asia.org/EO/2025/article20251126LK.html>



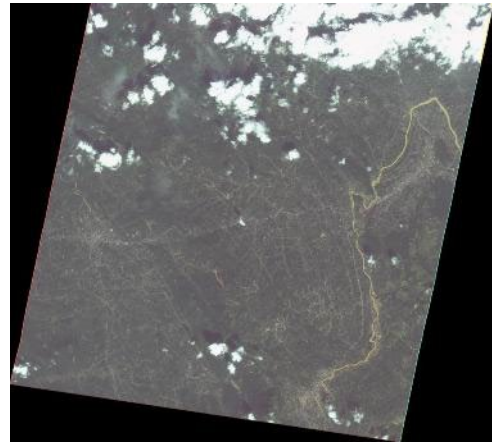
Post-disaster satellite image (Resourcesat-2A)
provided by ISRO



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



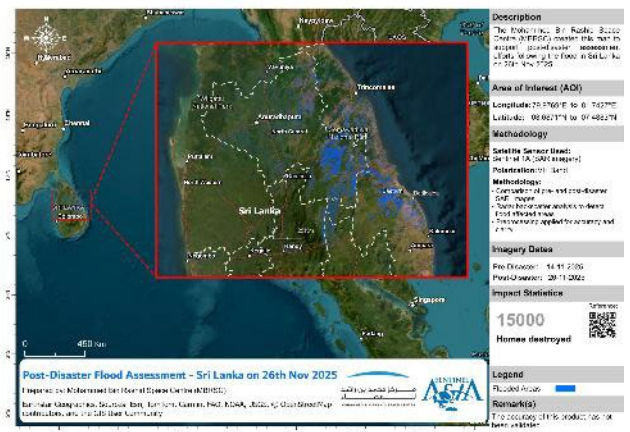
Post-disaster satellite image
(KazEOSat-1) provided by KGS



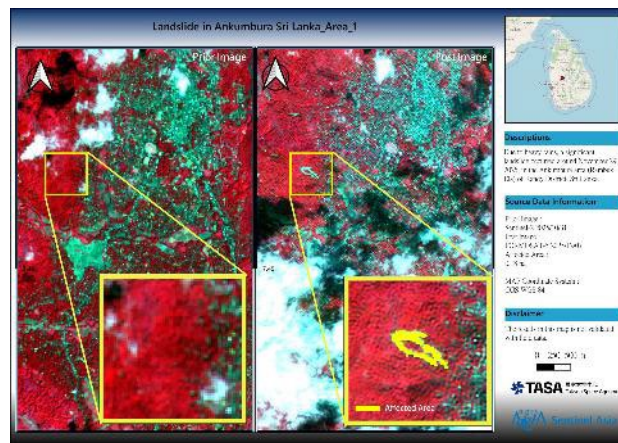
Post-disaster satellite image
(FORMOSAT-5) provided by TASA



Value-Added Product by EOS



Value-Added Product by MBRSC



Value-Added Product by TASA

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2. [Event] Asia Conference on Disaster Reduction (ACDR) 2025 in Tokyo

From 17 to 19 December, Asia Conference on Disaster Reduction (ACDR) 2025, titled “Forging Resilience Together: Toward a Sustainable Society Prepared for Mega-Disasters”, was held in Tokyo, Japan marking the 30th anniversary of the Great Hanshin-Awaji Earthquake. The conference was organized by the Cabinet Office of Japan.

ACDR is held annually either in Japan or in a member country of the Asia Disaster Reduction Center (ADRC), providing a platform to share experiences and discuss opportunities and challenges in promoting disaster management across the Asia-Pacific region.

During the meeting, Dr. Shiro Kawakita from JAXA presented Sentinel Asia’s activities and the use of space-based technologies for disaster management.



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3. 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

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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4. Using Sentinel Asia Operation System, OPTEMIS

Sentinel Asia launched a new operation system, OPTEMIS. Please refer to the website on how to create an account for OPTEMIS.

https://sentinel-asia.org/e-learning/Emergency_Observation_Request.html

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