

**** August 2023 News from Sentinel Asia Project Office ****

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Topics:

1. [News] Emergency Observation of Disasters (as of 29 August)
2. [News] BRIN organized Project Manager training on the Disasters Charter for Indonesian agencies
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 August)

(1) Flood, Landslide, and Storm in Vietnam on 5 August, 2023 (GLIDE Number [FF-2023-000136-VNM](#))

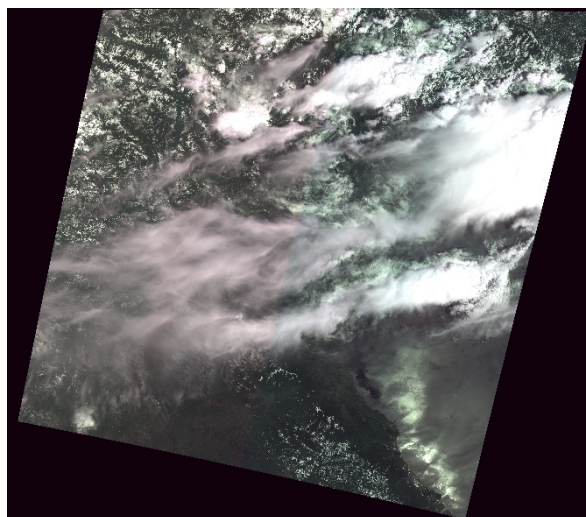
Heavy rain affected northern Vietnam, causing floods and resulting in damage. The VIETNAM POSTS reported that as of 9 August, floods in Yen Bai province have killed four people and 189 houses were lost in Mu Cang Chai district.

<https://vietnam.postsen.com/local/432162/Flooding-in-Yen-Bai-killed-4-people-washed-away-80-billion-VND.html>

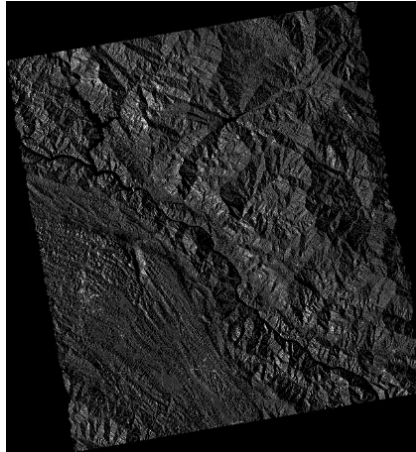
Ministry of Natural Resources and Environment (MONRE) of Vietnam made an EOR to Sentinel Asia on 8 August. Among DPNs, ISRO and JAXA provided data. Among DANs, EOS and MBRSC provided their VAPs.

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

<https://sentinel-asia.org/EO/2023/article20230805VN.html>



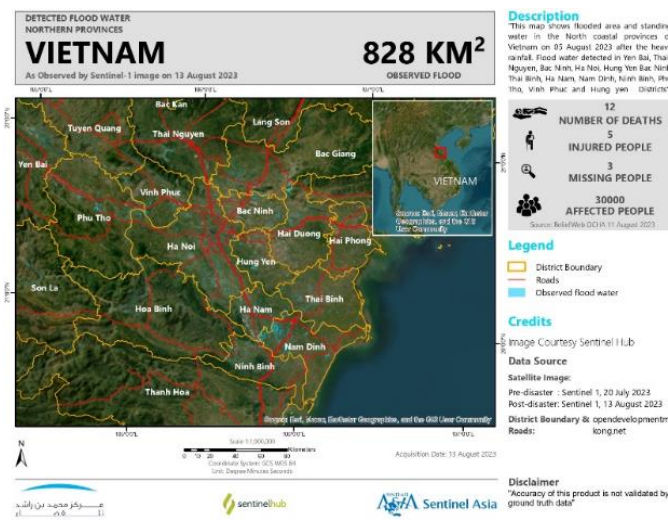
Post-disaster satellite image provided by ISRO



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



Value-Added Product by EOS



Value-Added Product by MBRSC

(2) Landslide in Vietnam on 4 August, 2023 (GLIDE Number [LS-2023-000143-VNM](#))

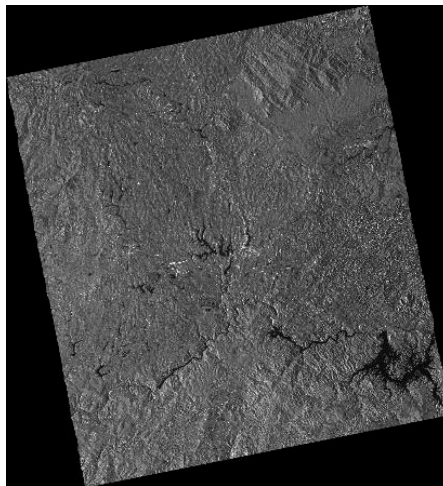
A landslide occurred in Dak Nong province in Vietnam and the cracks on National Highway 14 through Dak Nong City continue to widen. Cracks and subsidence have widened 30–50 cm, and in some places nearly 1m. There are sections of the road that are split, falling 1–2 m deep.

<https://vietnam.postsen.com/news/425052/The-crack-on-National-Highway-14-through-Dak-Nong-widens-and-lengthens.html>

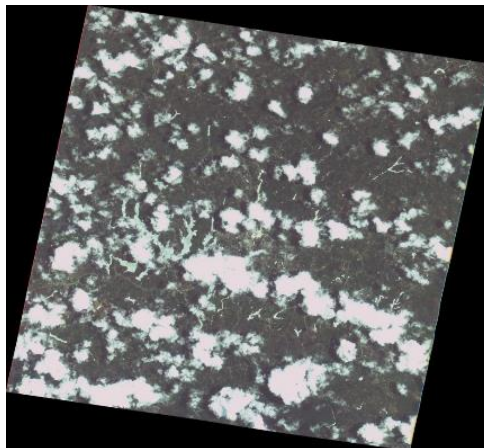
MONRE made an EOR to Sentinel Asia on 16 August and this EOR was escalated to the International Disasters Charter. MONRE assumed the role of Project Manager for this Charter activation. Among DPNs, JAXA and TASA provided data.

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

<https://sentinel-asia.org/EO/2023/article20230816VN.html>



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



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

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2. [News] BRIN organized Project Manager training on the Disasters Charter for Indonesian agencies

“The International Charter: Space and Major Disasters” (“the Charter”) is an international framework for space agencies, currently 17, to provide satellite observation images in response to disaster emergencies worldwide. Sentinel Asia has close relations to the Charter. In addition to some members of Sentinel Asia also being members of the Charter, any member organizations of Sentinel Asia can request emergency observation by Charter satellites at the same time that they send an Emergency Observation Request (EOR) to Sentinel Asia when needed. “Project Manager” is a role within the Charter to manage activation and communicate with users and space agencies.

The National Research and Innovation Agency (BRIN) is an active member of Sentinel Asia. On 12th July 2023, BRIN, with the support of the Japan Aerospace Exploration Agency (JAXA), organized Project Manager Training at the BRIN Office in Jalan Pemuda, Rawamangun, Jakarta.

BRIN was launched in 2021 by merging research institutes under Indonesian ministries, including the National Institute of Aeronautics and Space of Indonesia (LAPAN) and the Agency for the Assessment and Application of Technology Indonesia (BPPT), both of which are long-time members of Sentinel Asia. The Secretariat of the Indonesian Space Agency (INASA) of BRIN handles international collaboration activities with other space agencies of the world, as well as administrative matters for Sentinel Asia.

For the Project Manager Training, in addition to the participants from BRIN, they invited the National Disaster Management Agency (BNPB) and ASEAN Coordinating Centre for Humanitarian Assistance on disaster management (AHA Centre), and 21 people participated in total.

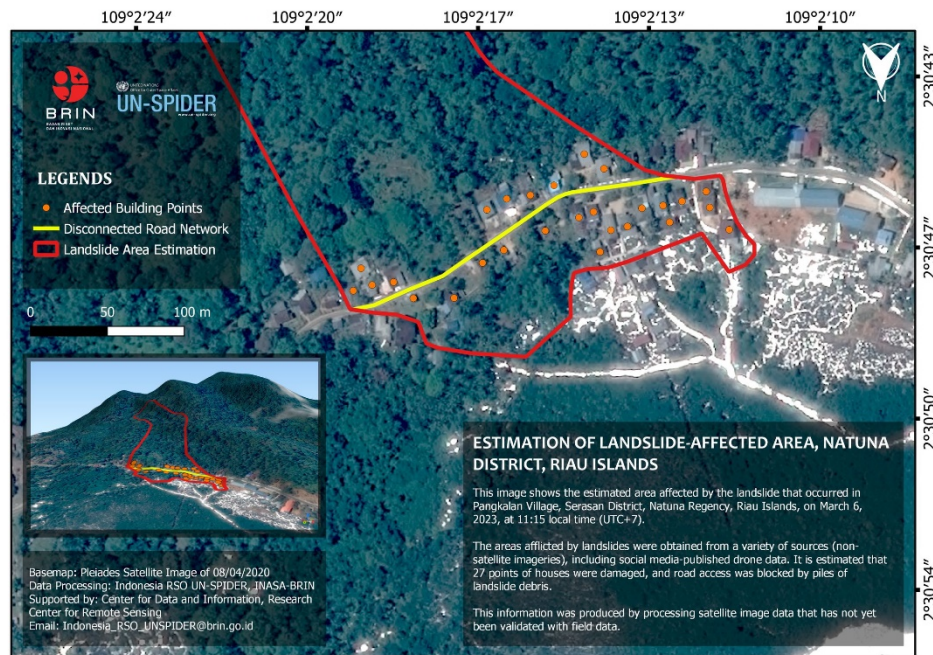
The training started with opening remarks by Prof. Dr. Erna Sri Adiningsih, Executive Director, INASA, BRIN, and participants learned about how Sentinel Asia’s cooperation process works and the importance of the role of Project Managers in invoking it. There was a presentation by Mr. Suwarsono, who has been a Project Manager at BRIN, including its former organization LAPAN, and shared his own experience. In the second half of the training, the European Space Agency joined and lectured on the Charter Mapper, the Charter’s newly introduced processing environment. The participants deepened their understanding of its web-based operation system.

The International Charter: Space and Major Disasters

<https://disasterscharter.org/>

How the Charter Works

<https://disasterscharter.org/web/guest/how-the-charter-works>



A Value-Added Product produced by BRIN for a landslide in Indonesia, 06 March, 2023.

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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

4. Using the Sentinel Asia Operation System, OPTEMIS

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

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