

**** November 2022 News from Sentinel Asia Project Office ****

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Topics:

1. [News] Emergency Observation of Disasters
2. Sentinel Asia participated in a session at APRSAF-28
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 28 November)

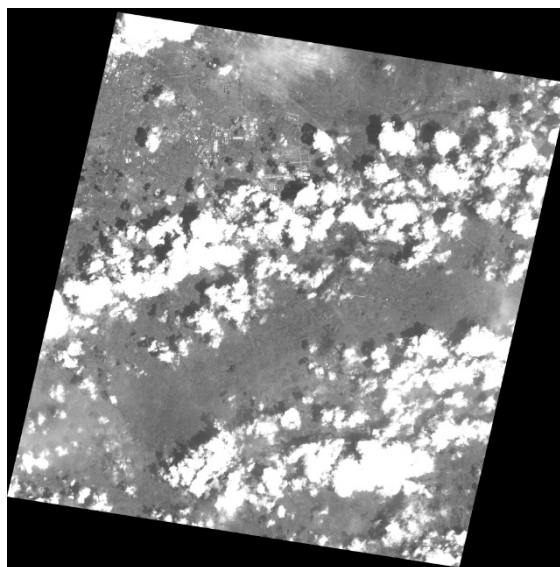
(1) Earthquake in Indonesia on 21 November, 2022 (GLIDE Number [EQ-2022-000363-IDN](https://reliefweb.int/disaster/eq-2022-000363-idn))

A magnitude-5.6 earthquake hit the island of Java, Indonesia, on 21 November. There were more than 260 casualties, and about 22,200 houses were affected, according to ReliefWeb.

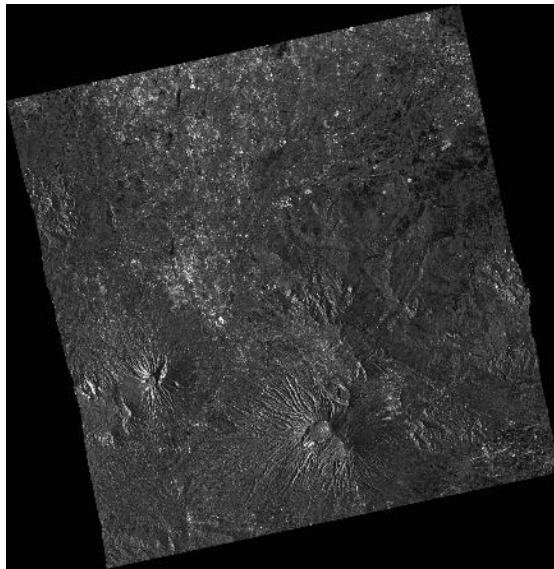
<https://reliefweb.int/disaster/eq-2022-000363-idn>

The National Research and Innovation Agency (BRIN) made an Emergency Observation Request (EOR) to Sentinel Asia on 22 November. Among Data Provider Nodes (DPNs), the Geo-Informatics and Space Technology Development Agency (GISTDA) and the Japan Aerospace Exploration Agency (JAXA) provided data. Among Data Analysis Nodes (DANs), the Earth Observatory of Singapore (EOS), Nanyang Technological University (NTU) provided its Value-Added Products (VAPs). Information on the latest response by Sentinel Asia is available at the link below.

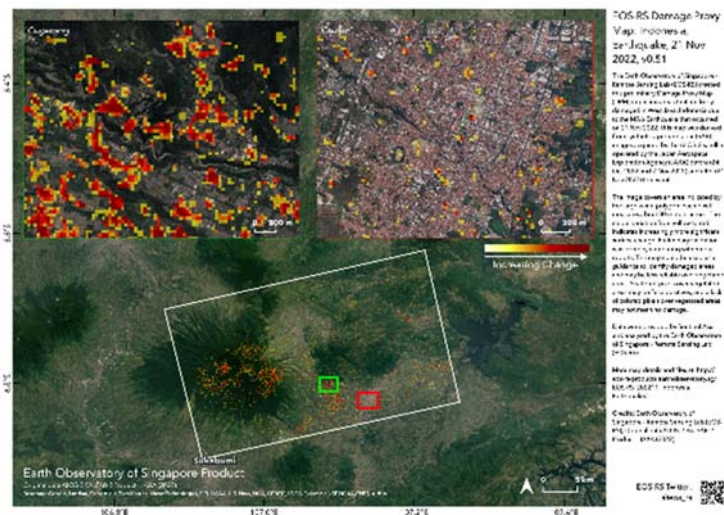
<https://sentinel-asia.org/EO/2022/article20221121ID.html>



Post-disaster satellite image (THEOS-1) provided by GISTDA



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



Value-Added Product by EOS

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2. Sentinel Asia participated in a session at APRSAF-28

The 28th session of Asia-Pacific Regional Space Agency Forum (APRSAF-28) was held in Hanoi, Vietnam, from 15–18 November, co-organized by the Vietnam Academy of Science and Technology (VAST), the Ministry of Education, Culture, Sports, Science and Technology (MEXT) of Japan, and the Japan Aerospace Exploration Agency (JAXA). At the Satellite Applications for Societal Benefit Working Group (SAWG) session, Sentinel Asia reported its recent activities, and various challenges were discussed by experts from space agencies as well as disaster management organizations, universities, and other agencies related to Sentinel Asia. Some Sentinel Asia members including Yamaguchi University, the International Water Management Institute (IWMI), the Asian Disaster Reduction Center (ADRC), the Geo-Informatics and Space Technology Development Agency (GISTDA), the Japan International Cooperation Agency (JICA), the Earth Observatory of Singapore (EOS) of Nanyang Technological University (NTU), and JAXA

presented their projects supporting Sentinel Asia’s activities.



Group photo of SAWG 2022



Plenary session

At the plenary session, Mr. Tatiya Chuentragun, Deputy Executive Director, GISTDA, who also serves as co-chair of the Sentinel Asia Steering Committee, gave a summary report of the Sentinel Asia session. The agenda of the Sentinel Asia session can be found at the link below.

https://www.aprsaf.org/annual_meetings/aprsaf28/pdf/working_groups/Agenda_SAWG.pdf

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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)

