

**** September 2020 News from Sentinel Asia Project Office ****

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Topics:

1. [News] Emergency Observation of Disasters Occurring in September 2020
2. [Announcement] UN World Food Programme joined JPT as a DAN
3. Events
4. How to send Emergency Observation Request
5. Using Sentinel Asia Operation System, OPTEMIS

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1. [News] Emergency Observation of Disasters Occurring in August/September 2020. (as of 30September)

(1) Typhoon Haishen in Japan

Asian Disaster Reduction Center (ADRC) made an Emergency Observation Request (EOR) by Sentinel Asia for the typhoon named HAISHEN in Kyusyu, Japan. The typhoon triggered floods and has caused damages to the houses and buildings. Among Data Provider Nodes (DPNs), Indian Space Research Organization (ISRO) and National Applied Research Laboratories (NARL) provided their observation data. This EOR was escalated to the International Disasters Charter as “Sentinel Asia Escalation”, with Dr. Nagai of Yamaguchi University playing the role of Project Manager. The information on the latest response by Sentinel Asia is available from the following link.

<https://sentinel-asia.org/EO/article20200904JP.html>



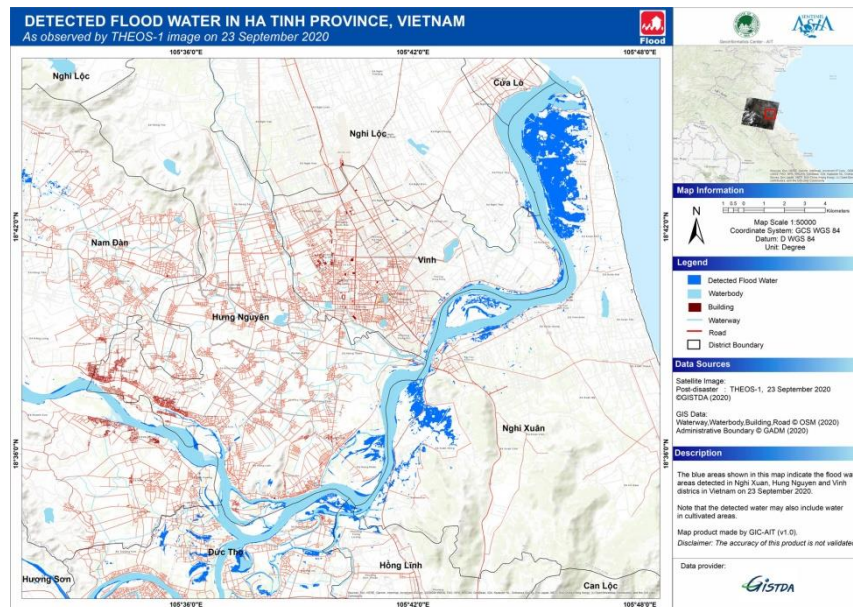
Satellite image by NARL

(2) Tropical Storm Noul in Vietnam

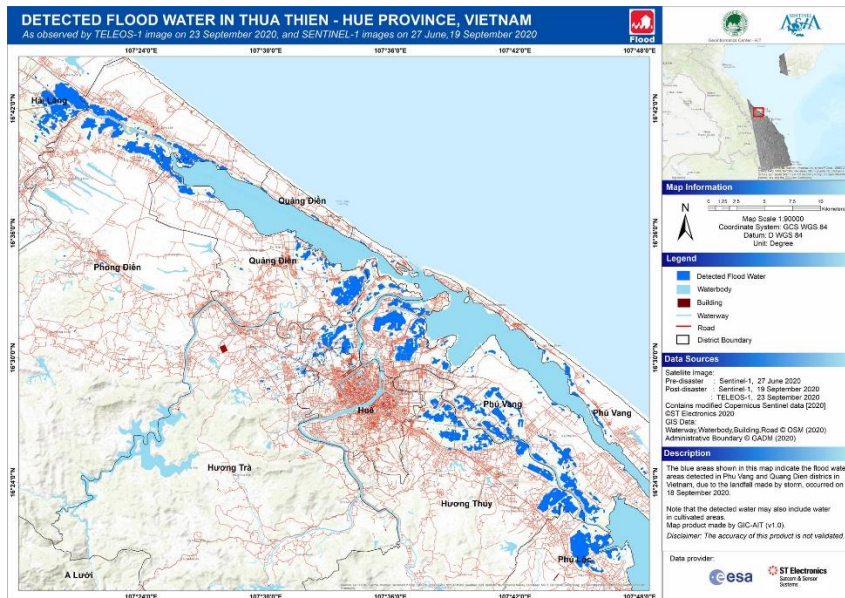
Tropical Storm Noul caused damages and killed several people in South West Asia. Department of National Remote Sensing -Vietnam Ministry of Natural Resources and Environment (MONRE) made an EOR. Among Data Provider Nodes (DPNs), Centre for Remote Imaging, Sensing and Processing (CRISP), Geo-Informatics and Space Technology Development Agency (GISTDA), ISRO, Japan Aerospace Exploration Agency (JAXA), and NARL provided their observation data. In this EOR, although the area of interest of the requester was considerably wide, in planning observations, DPNs succeeded in sharing observation areas effectively via OPTEMIS.

Among Data Analysis Nodes (DANs), JAXA and Asian Institute of Technology (AIT) analyzed the satellite data and provided their products, including their first product using TELEOS-1 data provided by CRISP. The information on the latest response by Sentinel Asia is available from the following link.

<https://sentinel-asia.org/EO/article20200917VN.html>



Product by AIT using Thaichote data provided by GISTDA



Product by AIT using TELEOS-1 data provided by CRISP

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2. [Announcement] UN World Food Programme joined JPT as a DAN

The United Nations World Food Programme (WFP) became a new Joint Project Team member of Sentinel Asia as well as a member of DAN in September 2020. WFP is the leading humanitarian organization saving lives and changing lives, delivering food assistance in emergencies and working with communities to improve nutrition and build resilience. WFP's Emergency Division (EMEG) operates different units active in GIS, Earth Observation and modeling. WFP actively supports various emergency relief efforts around the world with GIS analysis to assist logistical planning for food distribution and humanitarian assistance.

<https://www.wfp.org/>

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3. [Events]

Upcoming Events:

- APRSAF Online 2020, 19th November 2020
- The 8th Joint Project Team Meeting (JPTM) (Date and Place: TBC)

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4. How to send Emergency Observation Request

JPT member organizations are entitled to send Emergency Observation Request (EOR) for disasters in the Asia-Pacific region.

