



THAILAND DPN Report 2019

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Space Technologist

7th Joint Project Team Meeting for Sentinel Asia Step-3 (JPTM2019)

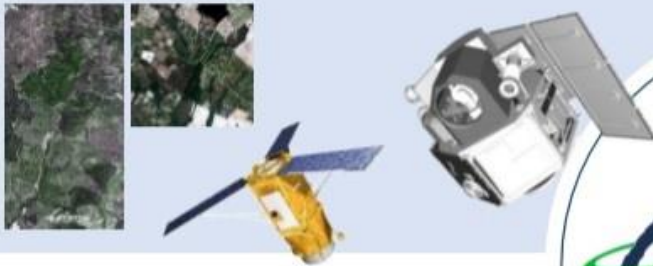
12 - 14 Nov 2019

Bangkok, Thailand



GIS Data and Services

- National GIS center
- Remote sensing satellite operation
- Satellite imageries



Aerospace R&D

- Space projects
- Aerospace industries support
- Aerospace innovation promotion (Space Krenovation Park)



GISTDA

Education, Training and Outreaches

- Asean Research and Training Center for Space Technology and Applications (ARTSA)
- Space Inspirium



- Decision support informations
- Actionnable Intelligence Policy (AIP) platform

Government Ad-hoc Missions



GISTDA (Geo-Informatics and Space Technology Development Agency)

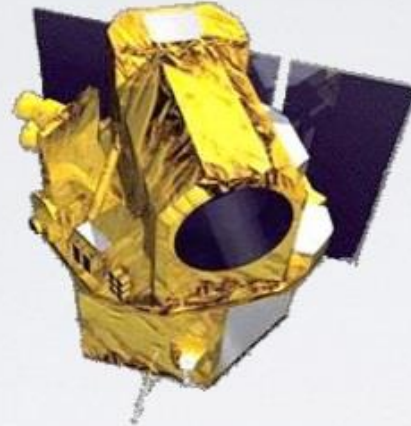
THAICHOTE (THEOS) Earth Observation Satellite



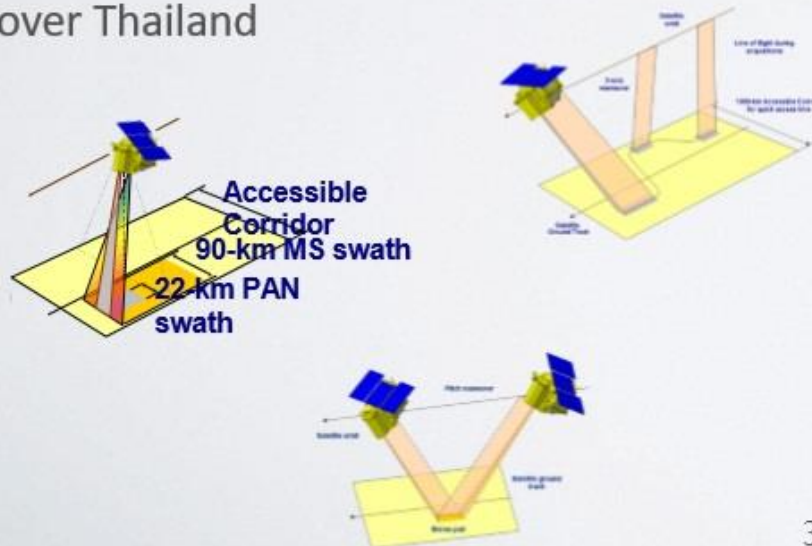
- Optical Payload
2m Panchromatic, 15m MS
(22km swath) (90km swath)

- 'Agile' satellite with high fine pointing accuracy

- Sun-synchronous orbit,
14 orbits/days, 4 access/day
over Thailand



THEOS-2
(0.5m resolution)
TBL 2020



THEOS-2S
(1m resolution)
TBL 2021

Sentinel Asia - Data Provider Nodes (DPN)

Sentinel Asia Constellation contributing to Emergency Observations



ISRO

RESOURCESAT-2, OCEANSAT-2/OCM
IMS-1, CARTOSAT-1&2, RISAT-1

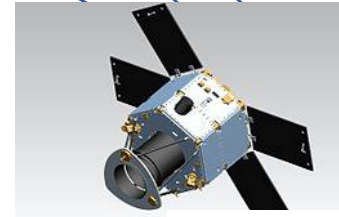


JAXA



ALOS-2

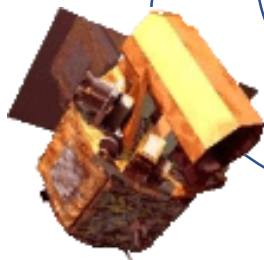
MBRSC



DubaiSat-2

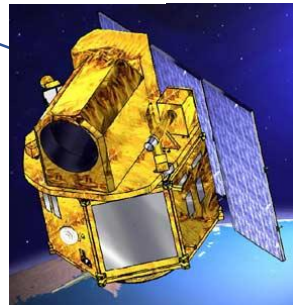
Sentinel Asia Constellation

NARLabs

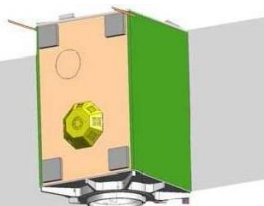


FORMOSAT-5

GISTDA



THEOS-1 >> Thaichote



CRISP

XSAT

VAST



VNREDSat-1A

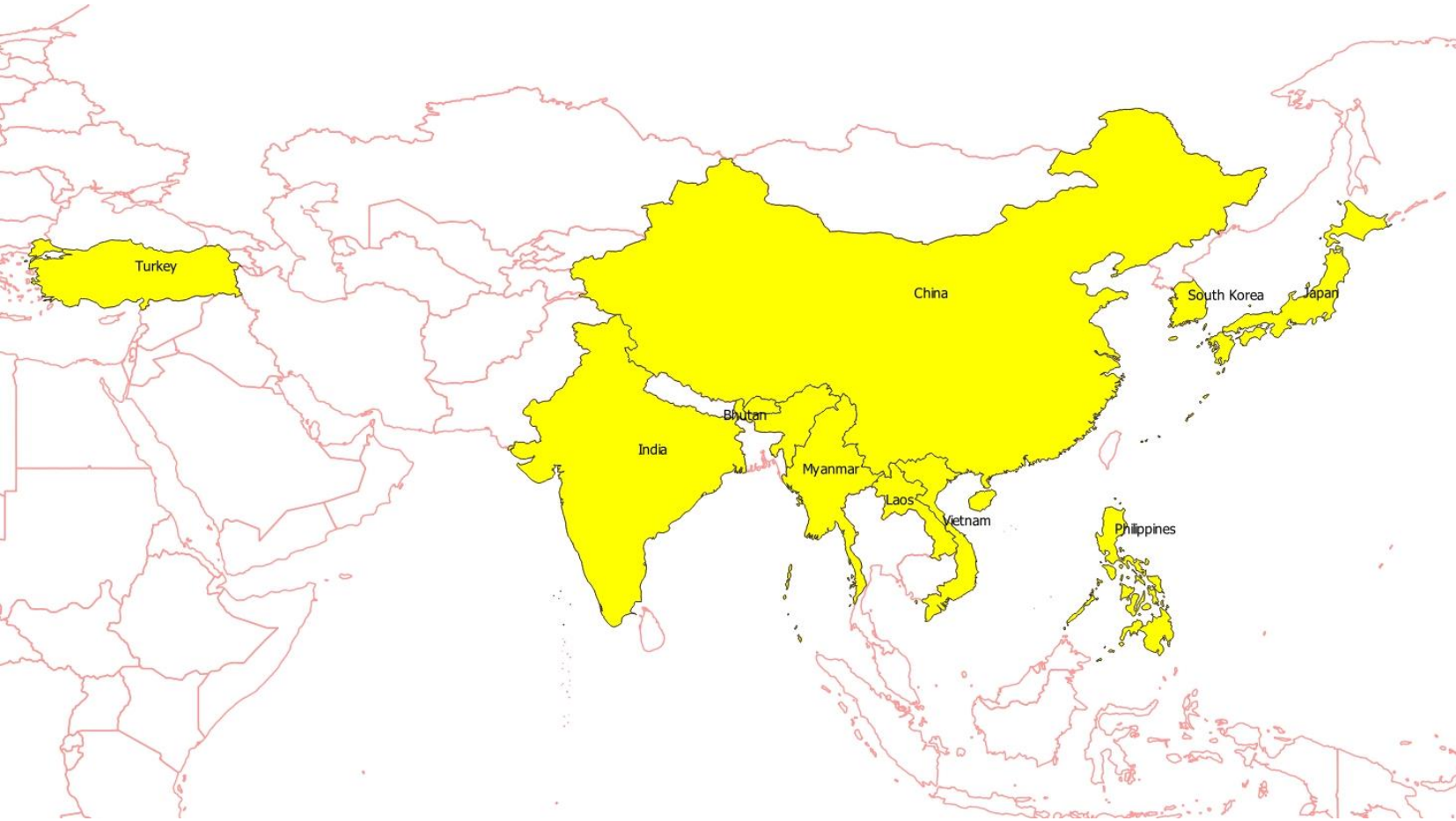
KARI KOMPSAT-1



<https://sentinel.tksc.jaxa.jp/>

<http://sentinelasia.gistda.or.th/>

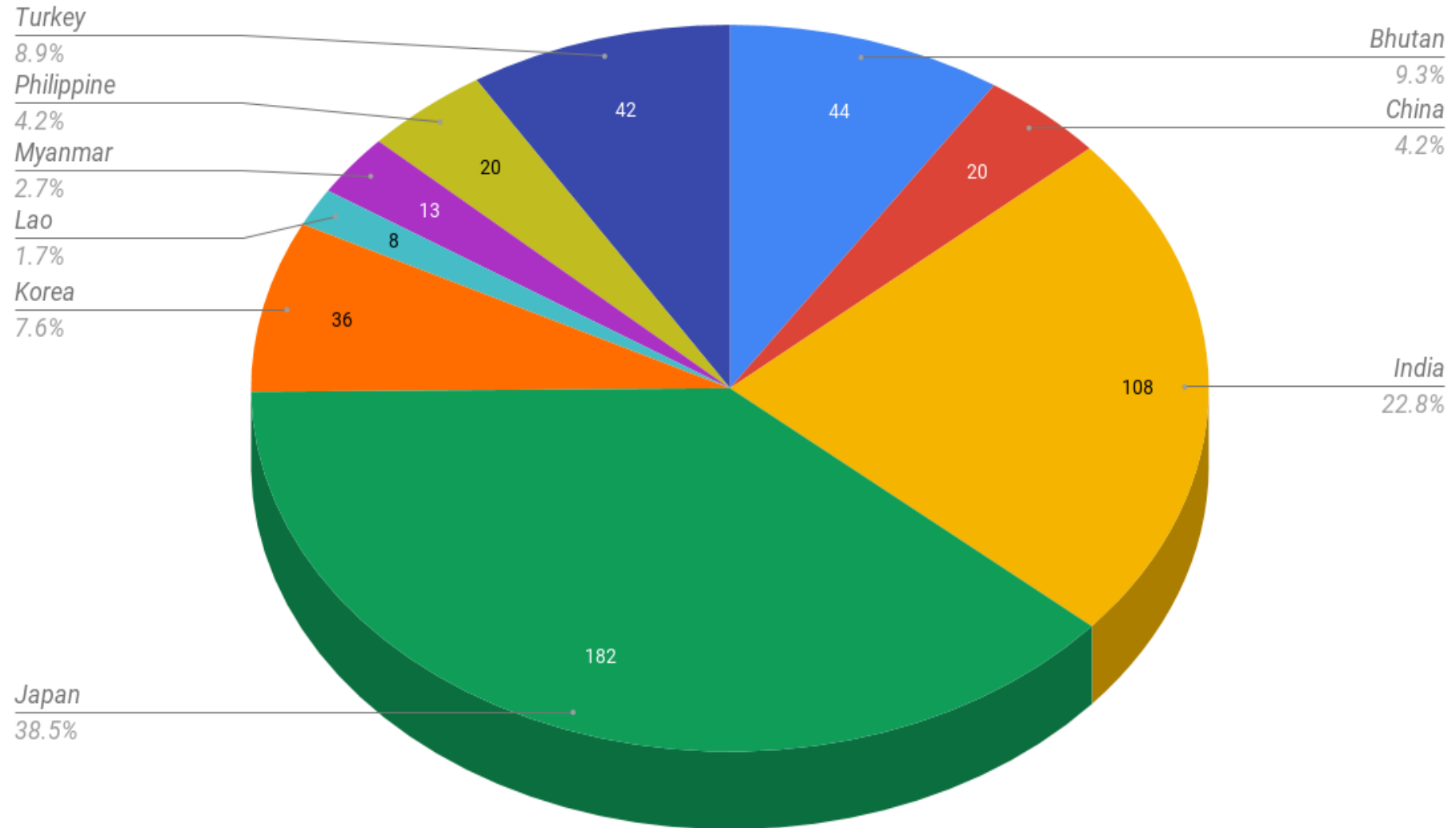
Thaichote Images To Sentinel Asia 2019



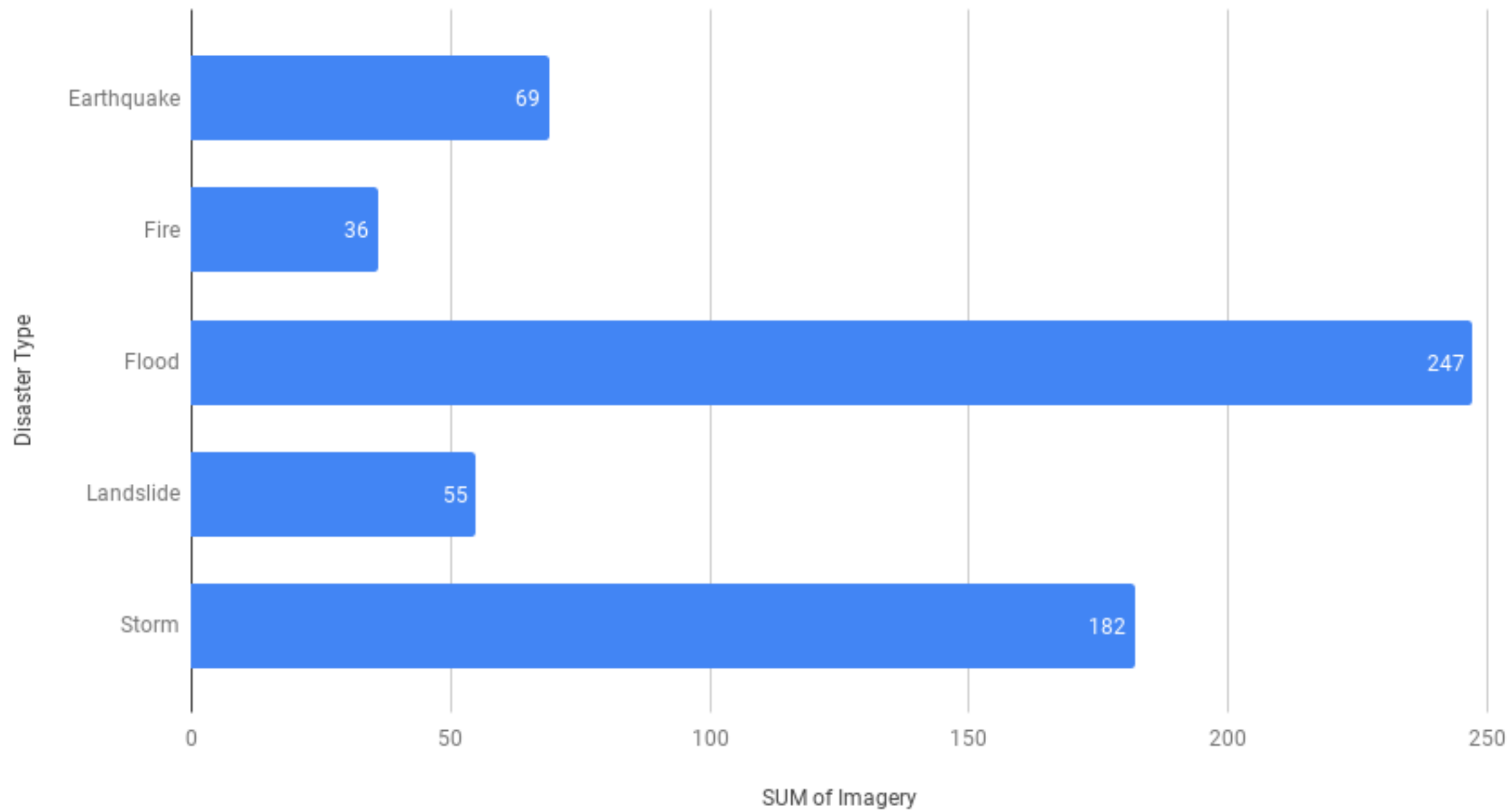
2019 : 589 scenes (for 60 time 12 requests 9 country)

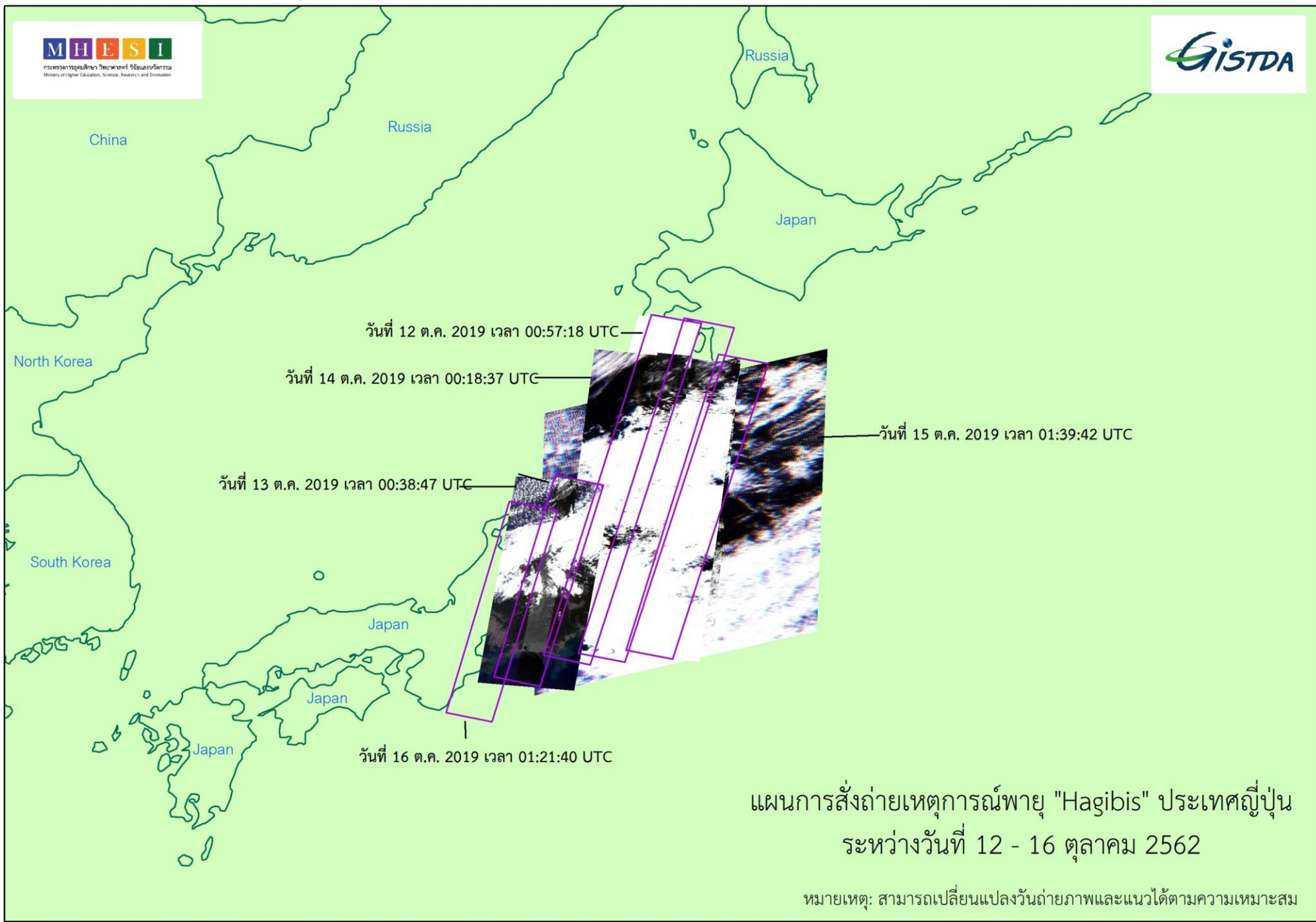
No	ACQ date	Country	Disaster Type
1	06/04/2019	Korea	Fire
2	07/04/2019	Korea	Fire
3	04/05/2019	India	Flood
4	04/05/2019	India	Flood
5	05/05/2019	India	Flood
6	06/06/2019	Turkey	Landslide
7	06/06/2019	Turkey	Landslide
8	06/06/2019	Turkey	Landslide
9	28/06/2019	China	Earthquake
10	25/06/2019	Bhutan	Flood
11	26/06/2019	Bhutan	Flood
12	27/06/2019	Bhutan	Flood
13	29/06/2019	Bhutan	Flood
14	28/06/2019	Vietnam	Earthquake
15	28/06/2019	Vietnam	Earthquake
16	02/07/2019	Vietnam	Earthquake
17	15/09/2019	Lao	Flood
18	22/08/2019	Myanmar	Landslide
19	06/09/2019	Vietnam	Flood
20	08/09/2019	Vietnam	Flood
21	11/09/2019	Vietnam	Flood
22	02/10/2019	India	Flood
23	03/10/2019	India	Flood
24	03/10/2019	India	Flood
25	05/10/2019	India	Flood
26	06/10/2019	India	Flood
27	13/10/2019	Japan	Storm
28	14/10/2019	Japan	Storm
29	15/10/2019	Japan	Storm
30	16/10/2019	Japan	Storm
31	21/10/2019	Japan	Storm
32	30/10/2019	Philippine	Earthquake
33	31/10/2019	Philippine	Earthquake
34	11/11/2019	Vietnam	Flood

Summary of Imagery by Country



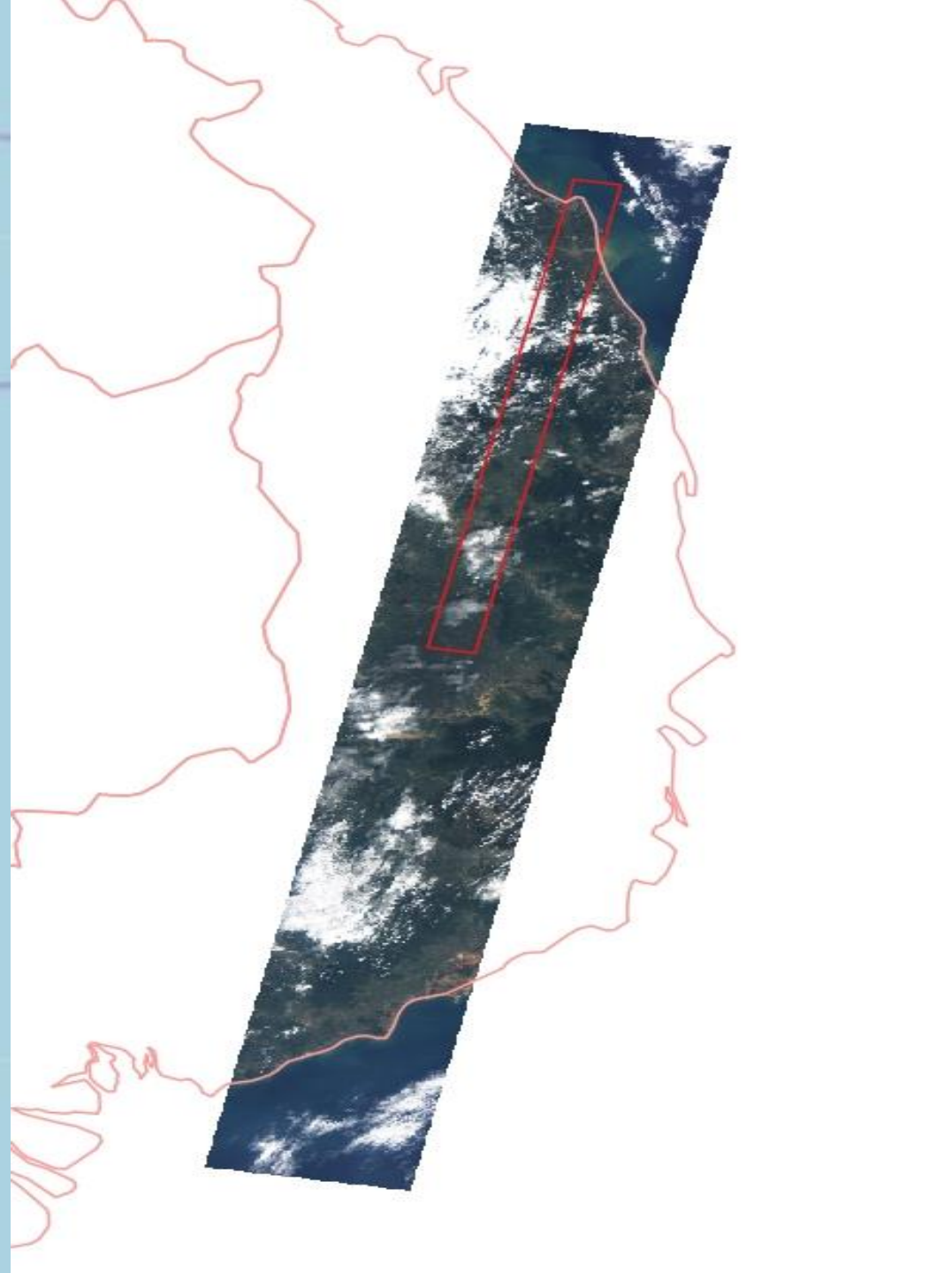
Summary of Imagery vs. Disaster Type

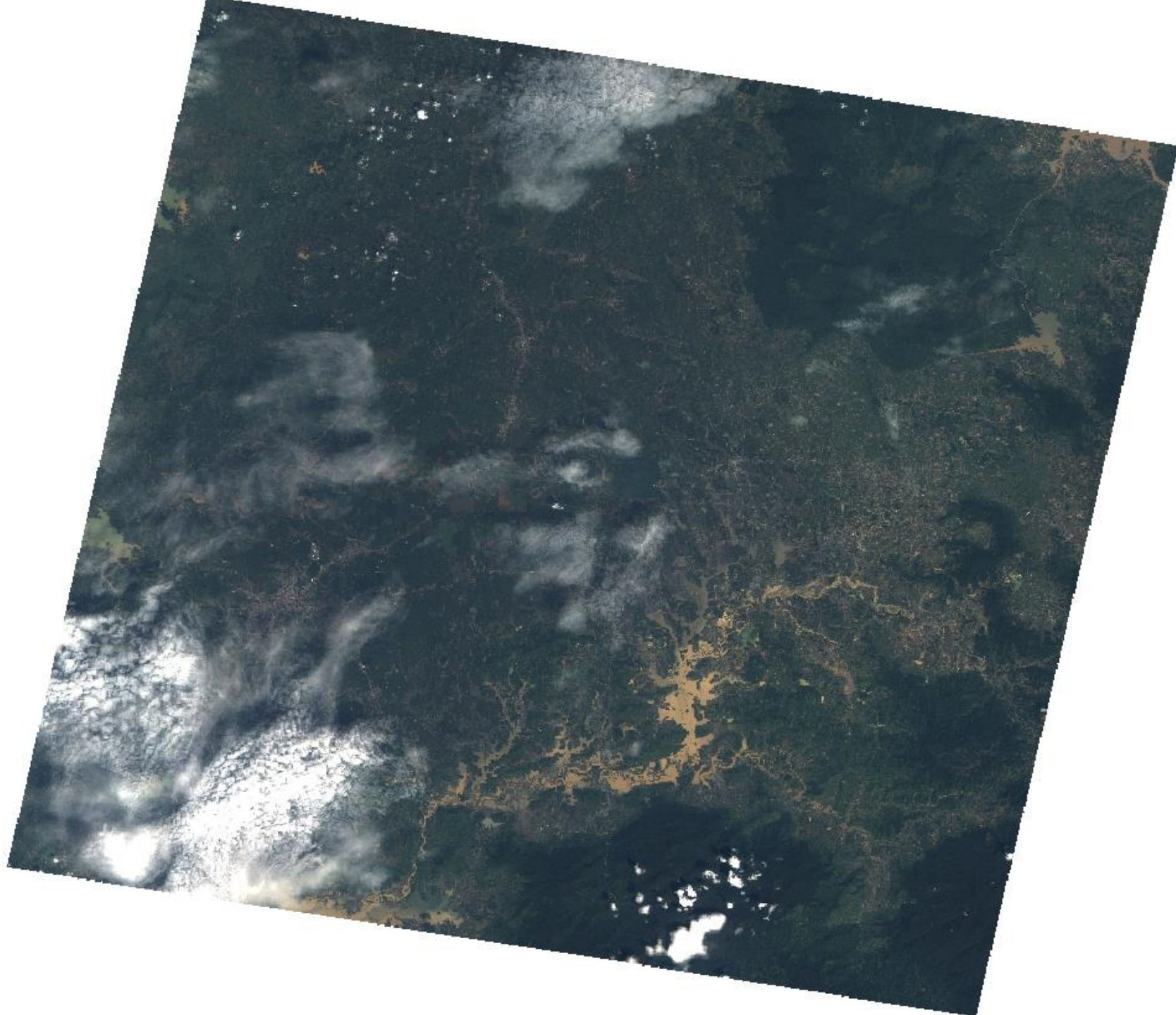




แผนการส่งถ่ายเหตุการณ์พายุ "Hagibis" ประเทศญี่ปุ่น
ระหว่างวันที่ 12 - 16 ตุลาคม 2562

หมายเหตุ: สามารถเปลี่ยนแปลงวันถ่ายภาพและแนวได้ตามความเหมาะสม





Thaichote Imagery
Acq on 12-Nov-2019

Flood, Vietnam

Thank you for your attention

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กระทรวงการอุดมศึกษา วิทยาศาสตร์ วิจัยและนวัตกรรม
Ministry of Higher Education, Science, Research and Innovation

