



# THAILAND DPN REPORT 2018

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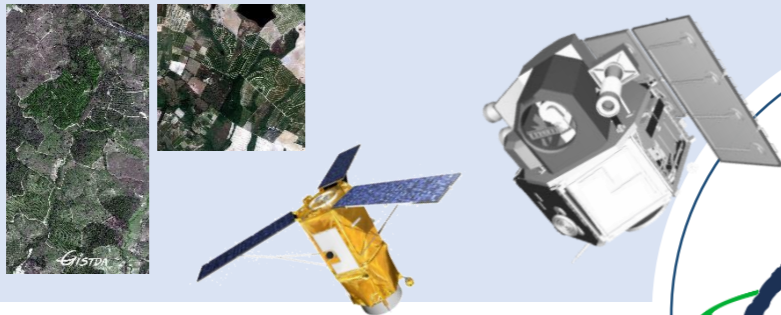
Wasanchai Vongsantivanich  
Head of Strategic and Operation Aerospace Research Center (SOAR)

6<sup>th</sup> SENTINEL ASIA JPTM STEP-3  
November 1<sup>st</sup> 2018,



## GIS Data and Services

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



**GISTDA**

## Aerospace R&D

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



## 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



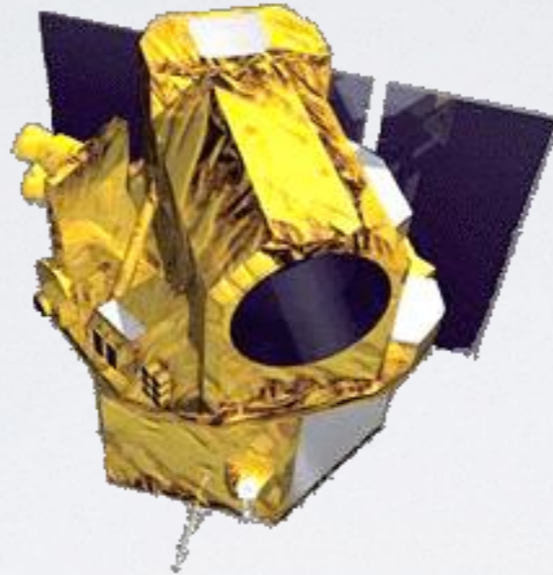


# GISTDA (Geo-Informatics and Space Technology Development Agency)

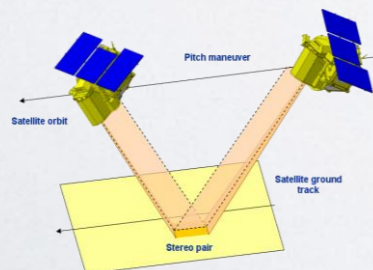
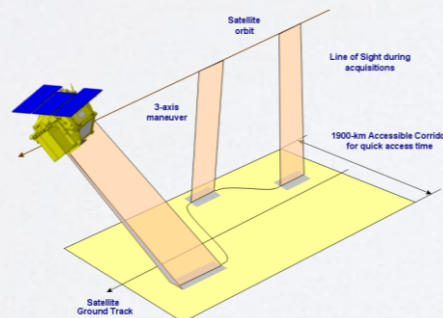
## THAICHOTE (THEOS) Earth Observation Satellite



- 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

# THEOS IMAGES TO SENTINEL ASIA 2017 - 2018



1	30-Apr-2017	Nepal	flood
2	31-May-2017	Sri Lanka	flood
3	23-Jun-2017	Bangladesh	Landslide
4	29-Jun-2017	China	Landslide
5	12-Jun-2017	Philippines	Earthquake
6	3-Aug-2017	Vietnam	flood
7	16-Aug-2017	China	Earthquake
8	19-Aug-2017	Nepal	Flood
9	22-Jan-2017	Nepal	Flood
10	22-Sep-2017	Vietnam	Flood
11	17-Oct-2017	Vietnam	flood
12	20-Oct-2017	Taiwan	flood
13	6-Nov-2017	Vietnam	Flood
14	9-Nov-2017	Vietnam	Flood
15	22-Nov-2017	Korea	earthquake
16	6-Dec-2017	Indonesia	earthquake
17	6-Jun-2017	Sri Lanka	flood
18	9-Jul-2018	Japan	flood Land slide
19	10-Jul-2018	Japan	flood, Land slide
20	11-Jul-2018	Japan	flood, Land slide
21	12-Jul-2018	Japan	flood Land slide
22	14-Jul-2018	Japan	flood Land slide
23	8-Aug-2018	Indonesia	earthquake

2017: 312 scenes (for 16 requests)

2018: 80 scenes (for 6 requests)