

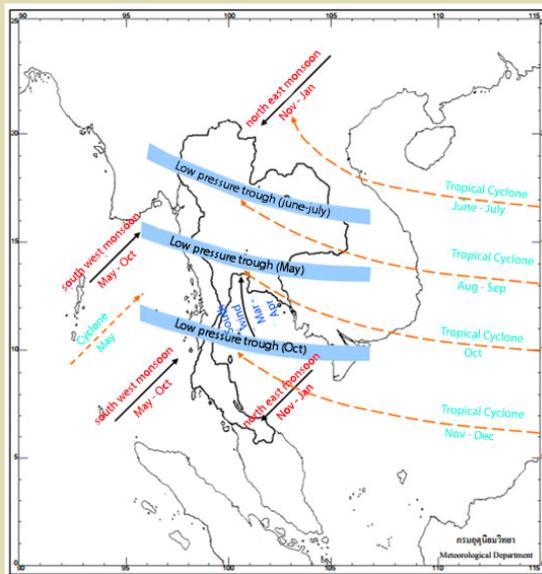
GI Technology for Disaster Management

17th ICC on the Regional Space Applications Programme for Sustainable Development (RESAP)
26th Nov 2013 Bangkok Thailand



Cycle of Disaster

Period and time of seasonal in thailand



Cycle of Disaster

month/ region	north	North east	central	east	south	
					east	west
January						flood drought
February	fire forest	fire forest drought	drought			drought
March	thunderstorm fire forest drought	thunderstorm drought	thunderstorm drought	drought	drought	drought
April	thunderstorm fire forest drought	thunderstorm drought	thunderstorm drought	drought		drought
May	flood thunderstorm	flood thunderstorm	flood thunderstorm	flood	flood	flood
June	flood delay rain	flood delay rain	flood delay rain	flood delay rain	flood	flood

Cycle of Disaster

month region	north	North east	central	east	south	
					east	west
July	typhoon flood delay rain	typhoon flood delay rain	typhoon delay rain	flood delay rain	flood	flood
August	typhoon flood	typhoon flood	typhoon flood	typhoon flood	flood	flood
September	typhoon flood	typhoon flood	typhoon flood	typhoon flood		
October			typhoon flood	typhoon flood	typhoon flood tidal surge landslide	typhoon flood tidal surge landslide
November					typhoon flood tidal surge landslide	typhoon flood tidal surge landslide
December					flood	flood

Cycle of Disaster

Unpredictable Disaster

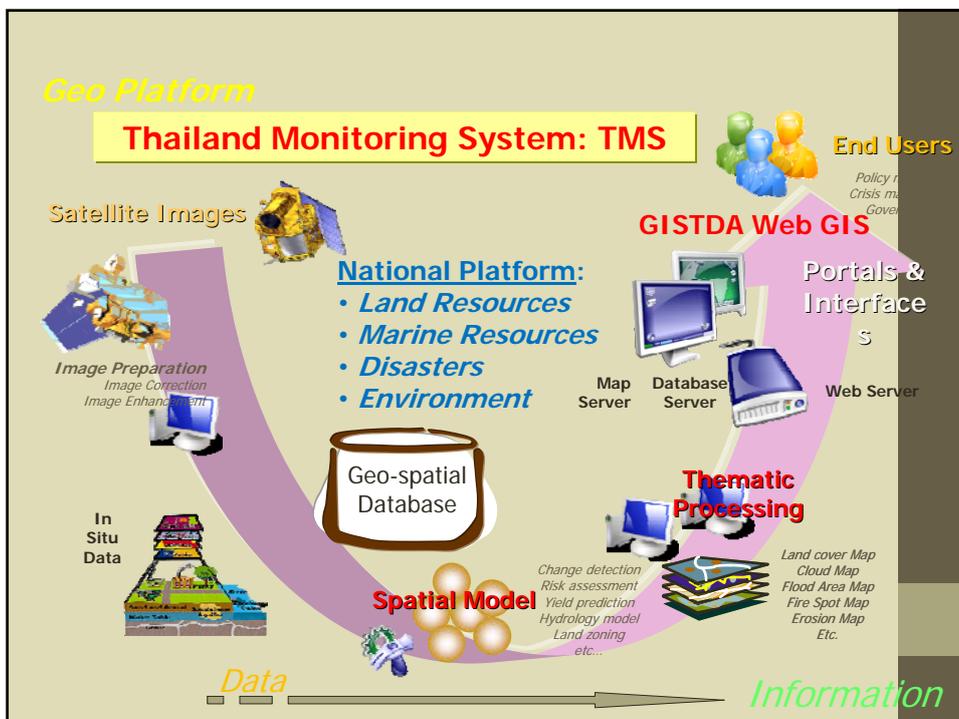
- Tsunami
- Earth quark
- Mud flow
- Etc.



Level of Disaster Intensity, Vulnerability, Managing Competency and Risk Levels of Thailand

Type of Disaster	Intensity	Vulanerability	Managing	Risk Level
Flood	H	H	M	H
Drought	H	M	M	M
Fire	H	M	M	M
Tropical Cyclone	H	H	M	M
Landslide	M	L	M	M
Earthquake	L	L	P	M
Tsumani	L	H	M	M
Flash flood/Mud	L	L	M	M

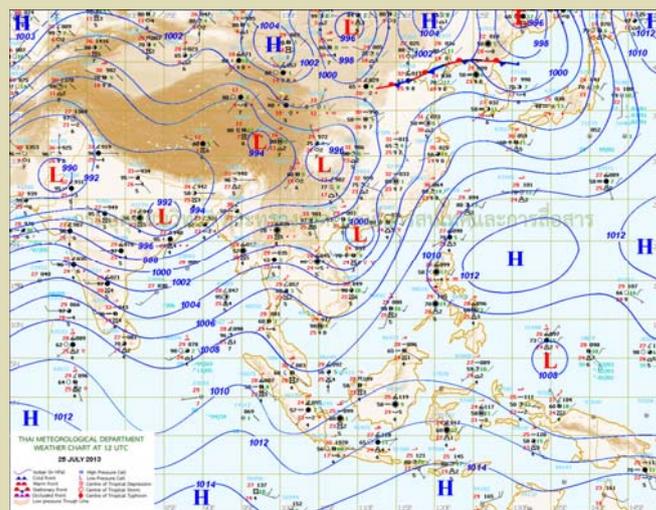
Source: DDPM



Mission and Role

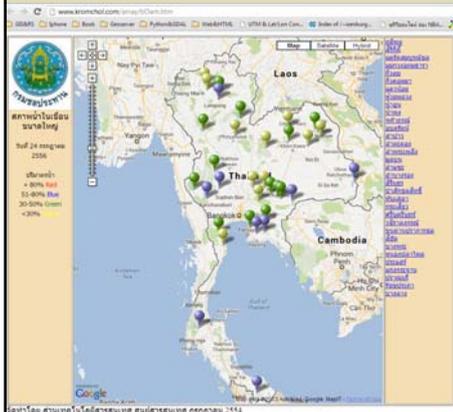
- Program and Planning to order and receive data form satellite
- Process and analysis data
- Damage assessment(household, agricultural area)
- Field survey
- Participation prevention and preparation in future

Program and Planning (Preparation)

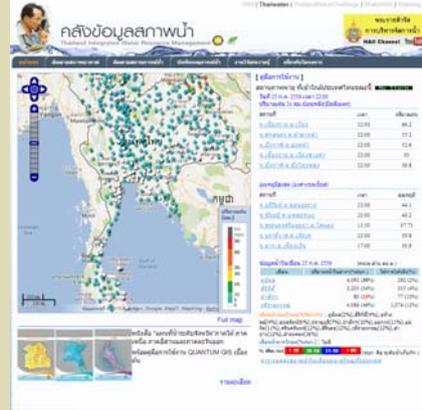


TMD

Program and Planning (Preparation)

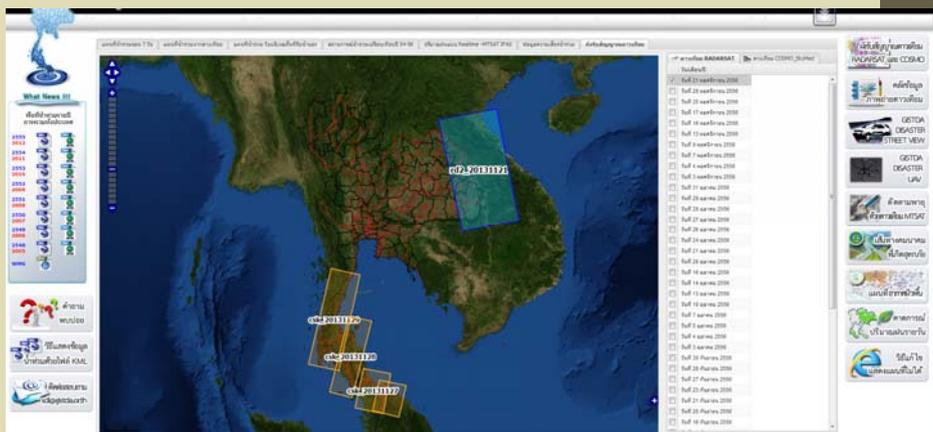


RID

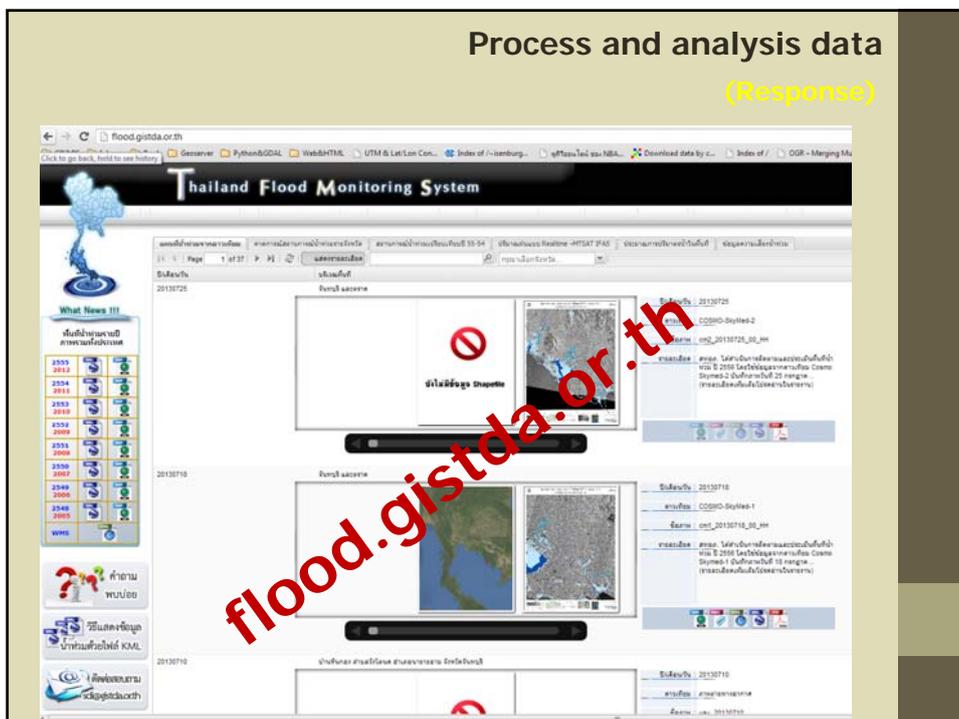
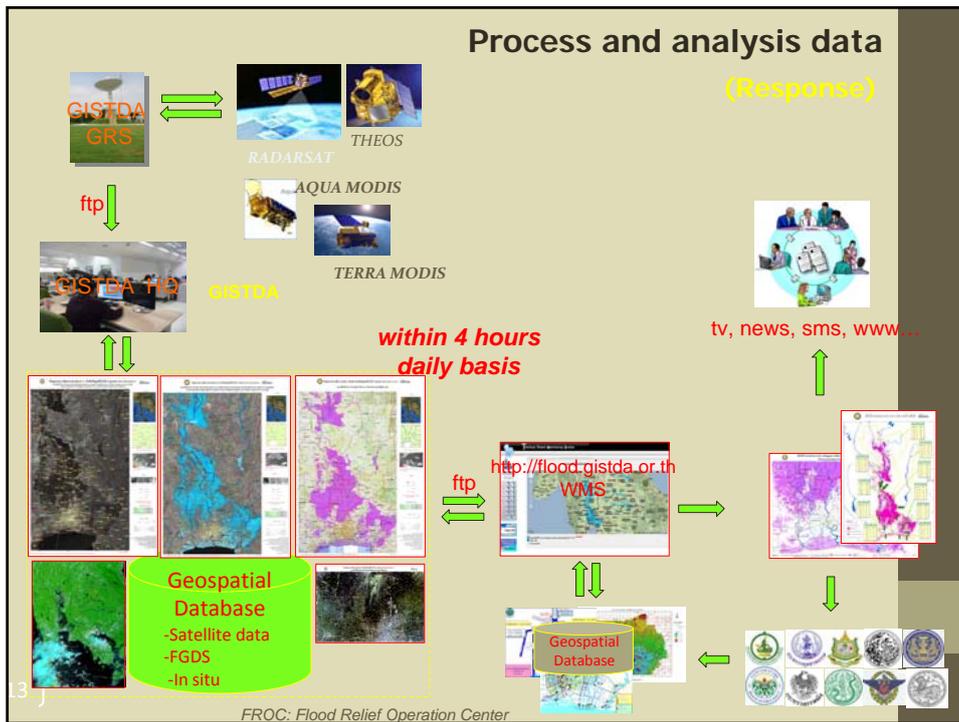


HAI

Program and Planning (Preparation)

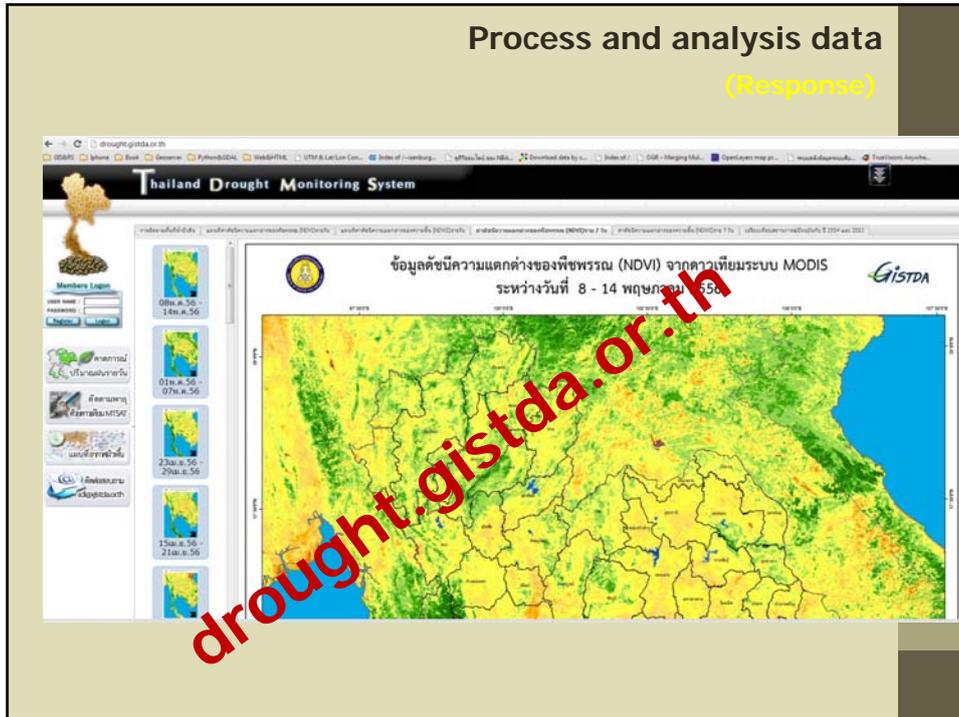


Order Satellite image in prediction disaster area



Process and analysis data

(Response)



Process and analysis data

(Response)



预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_6145

