






## KOREA Space Program



우리나라 우주개발계획  
Korea's Space Program

2013 나노스타레오 위성 발사 (KSPAT-3)

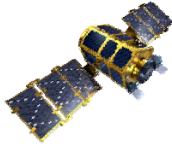


# LEO Earth Observation

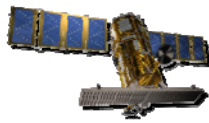
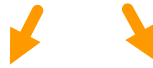
- KOMPSAT program starts based on Mid- and Long-Term Plan for Korea's Space Development.



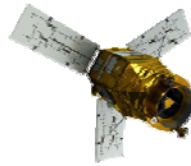
KOMPSAT-1  
 -Launch : 1999  
 -Mission stop : 2008  
 - GSD : 6.6m



KOMPSAT-2  
 -Launch : 2006  
 -Status : Operation  
 - GSD : 1.0m



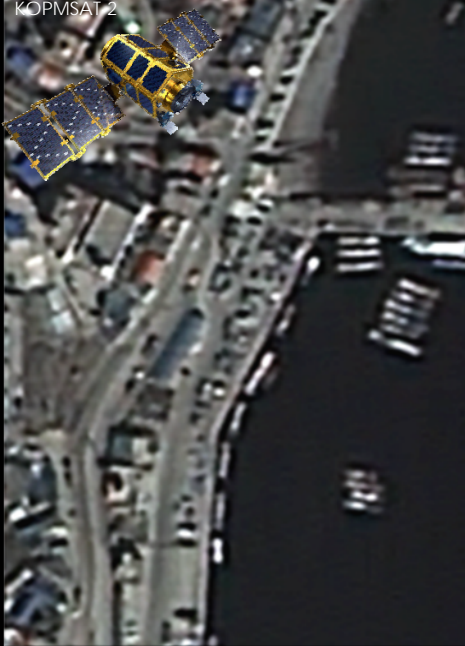
KOMPSAT-5  
 -Launch : 2013  
 -Status : LEOP



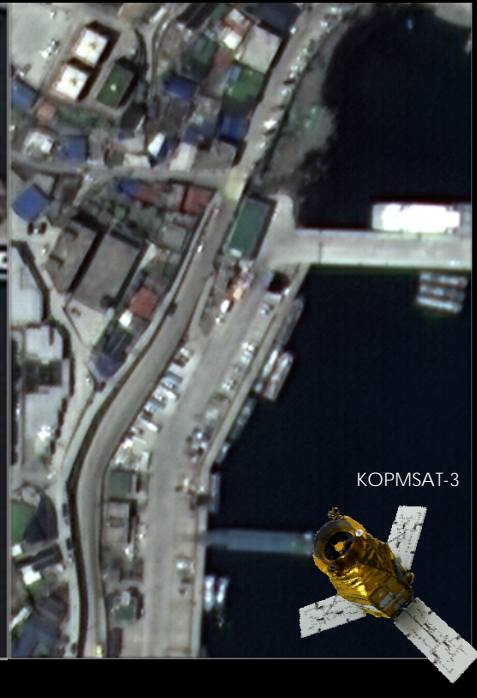
KOMPSAT-3  
 -Launch : 2012  
 -Status : Operation  
 - GSD : 0.7m

KOMPSAT-3A is under development

KOPMSAT 2



KOPMSAT-3



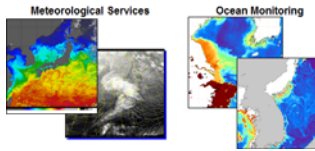


# GEO Earth Observation

**COMS** (Communication, Ocean, Meteorological Satellite) is 1<sup>st</sup> R&D Geo satellite in KOREA.



- **Launch** : 2010
- **Mission**
  - Meteorological Observation(MI)
  - Ocean Color Monitoring (GOCI)
  - Ka-band Communication Experiment
- **Service Area** : Asia and Pacific area



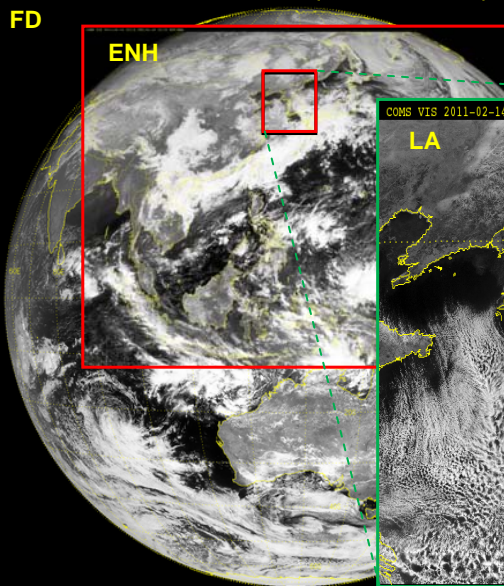
GEO-KOMPSAT is under development for Weather, Ocean, Environmental monitoring.



COMS VIS 2011-02-14 02:45 UTC(02.14 11:45 KST)KMA

**FD**

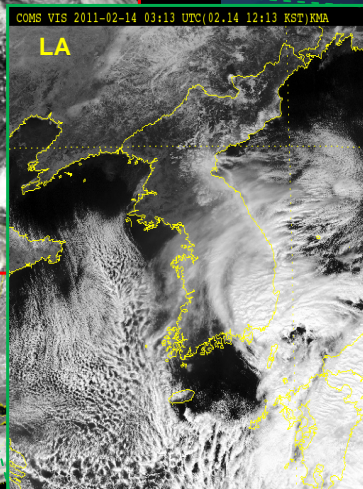
**ENH**

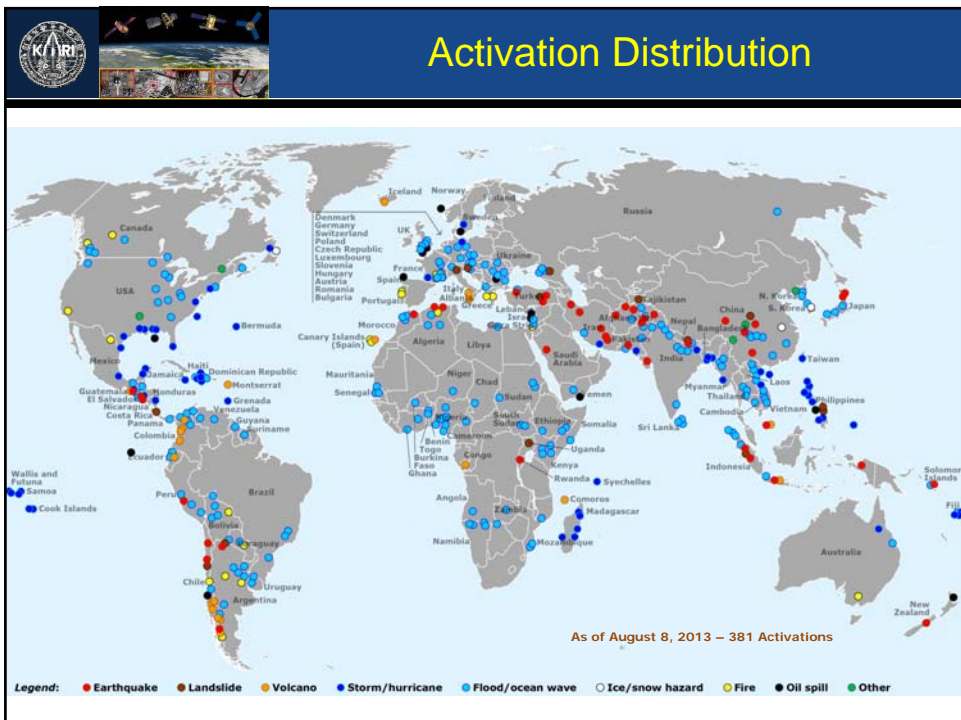
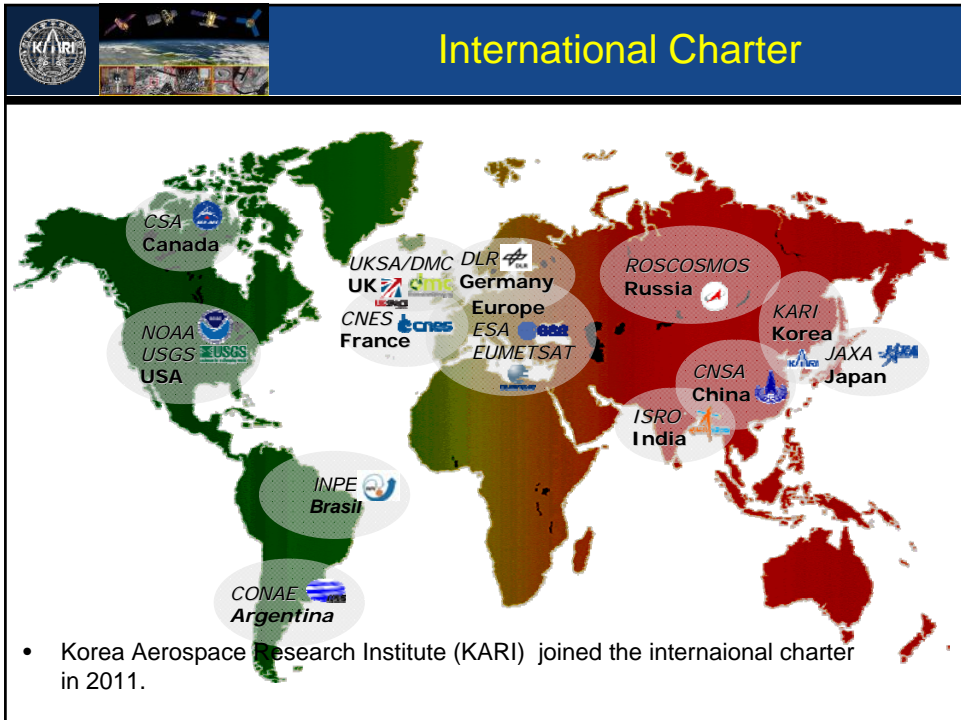


- FD (Full Disk)
- ENH (Extended Northern Hemisphere)
- LA (Local Area)

COMS VIS 2011-02-14 03:13 UTC(02.14 12:13 KST)KMA

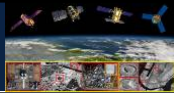
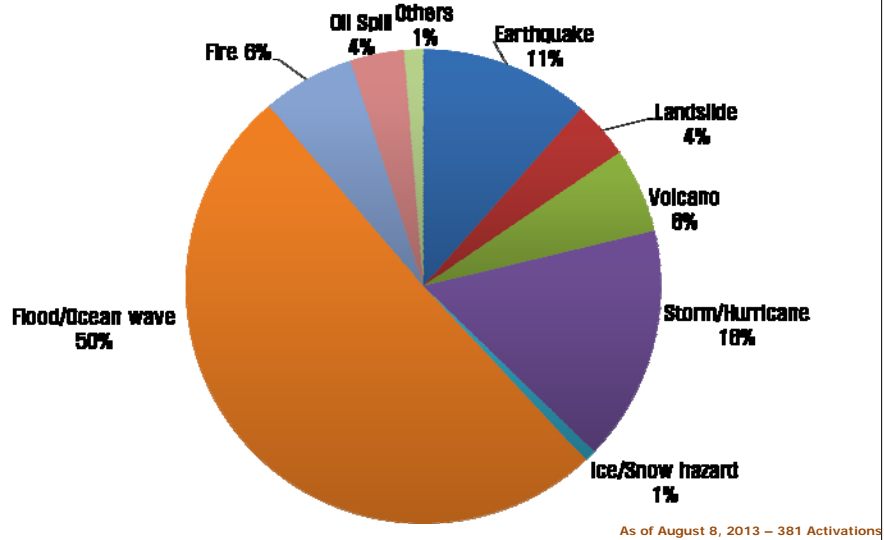
**LA**









## Activations by Disaster Type




## KOREA Charter Support using K2

Nation	Disasters Type	Date	Supporting Data		
			New tasking	Archive	
Haiti	Earthquake	2010 Jan. 12	1		
Japan Tsunami + 8		2011	15	7	
Russia Flood + 15		2012	17	12	
Mozambique	Flood	2013	Jan. 21	2	1
Madagascar	Cyclone		Feb. 24	2	
Canada	Petroleum oil fire		July 15	1	
China	Earthquake		July 22	1	3
Sudan	Flood		Aug. 12	1	3
Senegal	Flood		Aug. 29	1	
Colorado	Flood		Sep. 23	2	
Pakistan	Earthquake		Sep. 30	3	2
Philippines	Earthquake		Oct. 16	3	
Australia	Forest fire		Oct. 18	2	
Cambodia	Flood		Oct. 21	1	
<b>Total</b>				<b>80 (New tasking 52 scenes and Archive 28 scenes)</b>	





Vworld



- In 2013, Korea administration announced government 3.0 plan to allow wider public access to government data.
- Spatial Information Industry Promotion Institute provides Vworld service. Vworld is made to improve users accessibility.
  - Spatial information such as Image Map, 3D map through Open API.



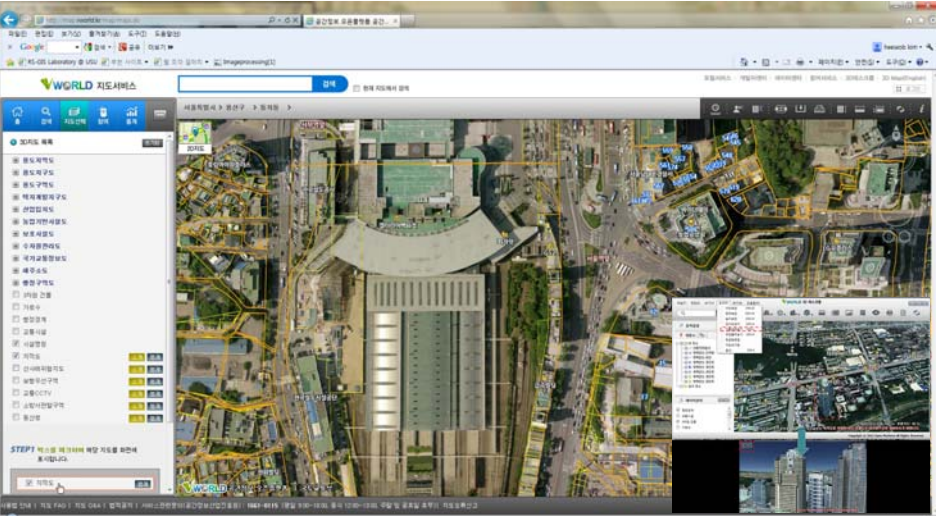
History



Gradient

Vworld



Vworld map service

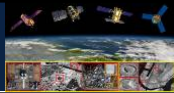
Landscape



## Cadastral Information

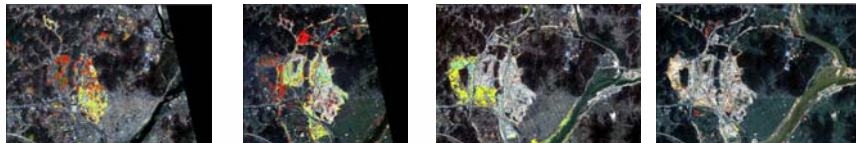
- Cadastral map is important in the point of national management.
- KOREA CADASTRAL SURVEY CORPORATION performed demo business related with Cadastral map by support of KOICA.

Korea International Cooperation Agency (KOICA)



## K2 Application

Land change in Sejong city, KOREA (2007/10~2013/6)



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\\_6154](https://www.yunbaogao.cn/report/index/report?reportId=5_6154)

