

Sentinel Asia Status



Takehisa Chiba

**Japan Aerospace Exploration Agency
(JAXA)**

Member Status

Space Community

APRSAF

Satellite Image

Promotion of Utilization

Capacity Building

SENTINEL ASIA

80 organizations from 25
countries & regions and 15
international organizations
In total: 95* organizations

Joint Project Team (JPT)

International Community

UNESCAP, UNOOSA
ASEAN, AIT and
International Disaster Charter
etc.

International Cooperation

Disaster Reduction Community

ADRC

Member Countries
(30 member countries)

Disaster Information

Utilization (User)

2. New Members

- (1) February 2014, National Committee for Disaster Management (NCDM): Cambodia**
- (2) March 2014, Tokyo Institute of Technology: Japan**
- (3) July 2014, Tohoku University: Japan**
- (4) August 2014, Asian Disaster Preparedness Center (ADPC): Thailand**

3. New Satellite

- (1) ALOS-2 will be available soon**
- (2) VNRedSat (under coordination)**



4. Sentinel Asia Success Story

- Regional cooperation to promote utilization of Sentinel Asia by end-users in each country
 - Local awareness and knowledge transfer through capacity building
 - Human resources and human network development
-
- Success Story in the Philippines from 2009
 - EO (Emergency Observation) Success Story by Mini-Project in Sri Lanka, Philippines, Bangladesh, and Myanmar from 2013
 - In 2014, Indonesia & Vietnam are included for target countries for EO Success Story Mini-Project.

5. Sentinel Asia Evolution

- APRSAF-20(2013/12 Hanoi), Action was set to study the Sentinel Asia Evolution plan until next APRSAF-21(2014/12)
- JAXA internally set task force team and studied draft Evolution plan
- Asked organizations for comments to the draft Evolution plan and incorporated to the plan.
- We appreciate any comments to the plan.
- Details will be presented tomorrow (Nov.20).



Emergency Observation Request (EOR) Review

Following EOR has been triggered

Country	Region	Type	Date	Charter Escalation	Requester
Malaysia	Kuantan Pahang	Flood	4 December		ANGKASA
Tonga	Vava'u and Ha'apai	Tropical Cyclone	16 January		SOPAC in collaboration with Tonga National Emergency Management
Brunei	Jerudong, Tutong District, Temburong District	Flood Landslide	16 January		Survey Department
Indonesia	Jakarta and Manado	Flood Landslide	3 February		LAPAN
Indonesia	Sinabung Volcano, Sumatra	Volcanic Eruption	6 February		BPPT
Indonesia	Mount Kelud, Java	Volcanic Eruption	13 February	Yes	LAPAN
Malaysia	East of Malaysia, South China sea	✕Missing plane	11 March		ANGKASA
					7

Emergency Observation Request (EOR) Review

Following EOR has been triggered during April 2014 – Sep 2014 (6 months)

Country	Region	Type	Date	Charter Escalation	Requester
Solomon	Solomon Islands	Flood	3 April	Yes	SOPAC
Tajikistan	Khatlon's districts of Shouroobod, Vose and Kulob	Landslide	13 April		CESCD
Japan	Kyushu Pref, Wakayama Pref,	Flood	7 July		JAXA
Nepal	Sindhupalchowk district	Landslide	2 Aug	Yes	ICIMOD
China	Yunnan	Earthquake	3 Aug	Yes	Chinese Univ. of Hong Kong
Japan	Hiroshima	Landslide	19 Aug		JAXA
India	Six states in Northan India	Flood	24 Aug	Yes	AIT
Japan	Ontakesan, Nagano Pref.	Volcano Eruption	28 Sep		JAXA