

Summary of 4th Meeting of Sentinel Asia Step 3 - JPTM2017 -



4th Meeting of Sentinel Asia Step 3
8-9 March 2017, Hanoi, Vietnam

Sentinel Asia Secretariat
Japan Aerospace Exploration Agency

General Info.

The fourth Joint Project Team Meeting for Sentinel Asia Step3 (JPTM2017) was held at the Vietnam Academy of Science & Technology(VAST), in Hanoi, Vietnam from 8-9, March, 2017. It was jointly organized by the Japan Aerospace Exploration Agency (JAXA), the Ministry of Agriculture and Rural Development(MARD) of Vietnam and the Vietnam Academy of Science and Technology(VAST).

Number of Participants : 65 (30 int'l participants and 35 Vietnamese participants)

Number of Organizations : 26

Member status: 104 organizations (86 organizations from 27 countries & regions and 15 international organizations as of Feb 2017)

New members since JPTM2016 in Jan 2016;

- Ministry of Works and Human Settlement, Bhutan (MoWHS): March 2016
- Ministry of Emergency Situations of Republic of Armenia (MES): May 2016
- Department of Meteorology and Hydrology, Myanmar (DMH): July 2017
- Asian disaster Preparedness center (ADPC): July 2016
- National Research Institute for Earth Science and Disaster Resilience (NIED): Dec. 2016

Summary of meeting(1/3)

Sentinel Asia Evolution Progress:

- 10 year achievements' of SA activities were shared, and
- SA Steering Committee meeting was held in January 2017 in Bangkok and discussed for the long-term strategy of SA and explained mile stone of formulation of the strategy, which is expected to be presented at APRSAF-24 in Nov., 2017.

Promotion of Sentinel Asia Step 3

In terms of joint drive promotion of SA Step 3, several endeavors and progress implemented by the members are shared:

- Emergency observation request(EOR) format modification and its procedure's clarification were explained,
- Feedback from Disaster Management Organizations and Queastionnaire results were shared for further improved operation of SA,
- Concept overview for the SA Step 3 system was proposed and welcomed by participants,
- GISTDA's own mission planning tool called OPTEMIS's utilization in SA EOR was introduced and proposed, which was very much appreciated participants and the detail of cooperation will be continuously discussed GISTDA and related members, and,
- Utilization of WINDS satellite and its regional servers shall be terminated in 2017.

Summary of meeting(2/3)

Vietnam's Activities regarding SA were shared:

Vietnam SA member organizations, MARD, MONRE, and VAST, are actively participating in SA activities since its initiation and recently work closely on the occasion of disaster happens such as flood in Nov. 2016. MARD & VAST made an agreement regarding utilization of satellite data in disaster events three months ago(Dec 2016??).

Cooperation with other initiatives

- ADB presented about the on-going DRR related TA project by using SBT and OWM in target countries Armenia, Bangladesh, Fiji, and Philippines, which will be completed in June 2017 and its achievements will be shared with SA.
- Status of cooperation with International Disaster Charter(IDC) was shared.
- Mr. Yusuke Muraki, JAXA Mission Planning Dept., presented about new concepts of satellite and sensor constellations for disaster management based on regional cooperation in Asia Pacific region.

Mitigation & Preparation

- AIT, Principal DAN, is currently leading SA member linkage promotion activities in target countries, Indonesia, Philippines, Sri Lanka, and Vietnam. Domestic coordination procedure to use SA is a key issue for each country and tailor made protocol is necessary. Coordination meetings were held in the said countries.
- PHIVOLCS introduced Sentinel Asia Philippine Success Story project. Currently, Landslide early warning system using GSMaP is under test operation in Rizal local government unit. Its utilization in the other area, ambitiously whole country, is expected in the future.

Summary of meeting(3/3)

Working Group Activities:

- Water Related Disaster WG was held in the JPTM, where three presentations were conducted.
- Tsunami WG had a web meeting and introduced a future activity plan, which includes training courses on the occasion of the next JPTM.

Enforcement of DAN's activity

- AIT, Principal DAN, is presenting the P-DAN website for coordination among DANs.
- JAXA member of the Int'l WG on Satellite based Emergency Mapping(IWG-SEM) introduced its activities and its first deliverable, Emergency Observation Guideline, which includes flood case as a case study. The document is available from the following link: <http://www.un-spider.org/network/iwg-sem>

Next Host Organization:

- JAXA, as a SA Sec, introduced the next JPTM plan, which will be held in Taipei, Taiwan early 2018 with co-hosted by NSPO, NARLabs, and JAXA.