

5th Joint Project Team Meeting for Sentinel Asia Step-3 (JPTM2018)
Howard Civil Service International House, Taipei, Taiwan, 2018.01.23

Step-3 Activities for Complete DRR Cycle

JPTM2018, Session 2: Sentinel Asia Strategic Plan for the next 10 years

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Concept of Sentinel Asia Strategic Plan

Facilitate collaboration between Space
and Disaster Management Communities

MITIGATION

- Hazard Map
- Early Warning
- Success Story
- Pre-disaster monitoring

RECOVERY

- Mid/Long-term monitoring
- Recovery Status



PREPADNESS

- Training
- Capacity Building
- Standard Operation Procedure (SOP)

RESPONSE

- Emergency Observation
- Data Analysis
- Damage Assessment

Five Pillar Components

- I. Satellite Data Provisions and Systems
- II. Value Added Product (VAP)
- III. End-user Enhancement
- IV. Step-3 Activities (Complete DRR cycle)
- V. Communication, Collaboration and Cooperation

IV. Step-3 Activities for covering entire DRR cycle

The Sendai Framework for Disaster Risk Reduction 2015-2030 was adopted with a suggestion to better use of space based data and GIS for Risk identification and for risk mitigation and reduction. It is suggested that Sentinel Asia could enhance its capacities for risk assessment and early warning to flood, landslide, wildfire and tsunami.

Action Items

- Identify risk elements using Sentinel Asia Data (mapping risk elements)
- Promote disaster monitoring, post disaster monitoring and damage assessment
- Promote knowledge, experience and practical knowledge development through networks; user, DAN and university network
- Align with Sendai Framework to link Sentinel Asia with global forum
- Use Sentinel Asia Working Group activities to develop necessary support for Sentinel Asia activities to cover entire disaster phase.

Contribution, planned and expected

1. Coordinate with donor agencies for supporting Sentinel Asia activities
 - Raising project fund from business communities
2. Promote collaboration with international organizations
 - Develop funding mechanisms to support R&Ds as UNESCAP program
3. Promote collaboration with universities for program development
 - Invite University of Tokyo, Graduate School of Public Policy to develop the funding program
4. Promote collaboration with business communities
 - Facilitate DRR as new business opportunities

Collaboration from others (partners, local agencies and etc.)

- Make suggestion in planning the Program framework, including mechanism for evaluation and reporting
- Apply the Program with relevant partners to promote expansion of Sentinel Asia activities for covering the complete DRR phases

What has been done and what comes next

- Brain storming with the donor agency secretariat from August 2017
- Preliminary proposals to the donor agency secretariat from December
- Consultation with UNESCAP and University of Tokyo



- Presentation to the governing body of the donor agency



- By June 2018, decision making by the governing body of the donor agency