

Appendix II-B

Draft Project Plan for Satellite data

Satellite data for disaster risk reduction for RA-II/RA-V

- Possible overall goals
 - All Members in the target region to receive and use geostationary satellite data as full spatial, spectral and temporal resolution subsets for their national region of interest, including generation of key products
 - To develop a mechanism for countries in target area to request and receive and ingest event-driven rapid-scan geostationary satellite data

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Possible RA-II/RA-V WIGOS satellite data project

(joint with SCOPE-Nowcasting)

- Issues to be discussed
 - Specific source of requirements
 - OSCAR; SCOPE-Nowcasting
 - Task Team on Satellite Utilization
 - From satellite users
 - Raw digital data or imagery/products?
 - Digital data → reception system. Data processing system
 - Imagery/product → web site

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Possible RA-II/RA-V WIGOS satellite data project

(joint with SCOPE-Nowcasting)

- **Rapid scan data requirement**
 - Rapid developed convective cloud system
 - Aviation safety
 - Volcanic ash

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Possible RA-II/RA-V WIGOS satellite data project

(joint with SCOPE-Nowcasting)

- **Data formats**
 - Current operation satellites
 - Common data format based on WMO CGMS specification
 - New gen Satellites
 - JMA : Himawari Standard Data format
 - CMA/KMA : will follow the CGMS specification
 - Role of WMO?
 - Guideline for rapid scan
 - Coordination between agencies

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Possible RA-II/RA-V WIGOS satellite data project

(joint with SCOPE-Nowcasting)

- Existing capabilities in countries

	Receiving station	Related S/W	Human capacity
CMA			
JMA			
KMA			

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Possible RA-II/RA-V WIGOS satellite data project

(joint with SCOPE-Nowcasting)

- **Preparation for the next gen Geo-satellite**
 - WMO provide the guideline and suggest for better preparation for the new satellite utilization in conjunction with Vlab, especially for RGB training

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Satellite data; Joint RA-II/RA-V WIGOS Project

- Purpose of project
 - To improve the aviation safety and disaster risk reduction
- Deliverables
 - 1) Full resolution digital data in the national area of interests
 - 2) products in three application category (convection system, tropical cyclone, and volcanic ash)
 - 3) rapid scan data including ability of recipients

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Satellite data; Joint RA-II/RA-V WIGOS Project

- Partners
 - Data providers
 - CMA, JMA, KMA
 - Data users
 - 16 target countries
 - Possible coordination group from RA-II / RA-V
 - RA II WIGOS project to Develop Support for NMHSs in Satellite Data, Products and Training
 - RA V task team on satellite utilization

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Satellite data; Joint RA-II/RA-V WIGOS Project

- Implementation steps, including capacity development
 - 1) find inventories including HW/SW and human capacity of target countries and gap analysis
 - 2) establish list of product on the three application category
 - 3) agreement from CMA, JMA, and KMA
- Timeline
 - - draft project plan : Sep 2015
 - - discussion among CMA/JMA/KMA(CGM-43) : May 2015
 - - presentation in WMO Cg-17 : May-Jun 2015
 - - finalizing project plan(joint workshop) : Oct 2015
 - - discuss application in AOMSUC (side meeting) : Nov 2015
- Funding requirements
 - - facilitate target countries for reception system including HW and SW
 - - training

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