

Asia-RiCE Highlight

on behalf of Asia-RiCE Team

CEOS/SIT GEOGLAM ad-hoc Meeting
22nd April 2016

❖ General

- ▶ 2015 Asia-RiCE Report was completed
- ▶ Updating Asia-RiCE work plan for phase-2
 - ▶ re-constructing the structure:
Lead: Shin-chi, Co-Lead: Thuy Le Toan (CESBIO)
- ▶ Expand to rice outlook activity
 - ▶ Indonesia, Thailand, Vietnam, Phillipines + Laos, Myanmar, Cambodia
 - ▶ Myanmar, Cambodia are still in training by AFSIS
 - ▶ JAXA's Agro-met distribution system (JASMIN) is also being expanded to whole Southeast Asia, South Asia and East Asia.
- ▶ Standardization of the validation data collection

Summary (cont'd)

❖ Projects

- ▶ Wall to Wall activity: Indonesia and Mekong Delta
- ▶ New rice monitoring projects (SAFE initiative under the APRSAF)
 - Myanmar: Kick-Off Meeting@Nay Phi Taw, 15th Mar
(Ministry of Agriculture and Irrigation (MOAI) of Myanmar)
 - Kick-Off Meeting @ Myanmar, 15th Mar
(Department of Planning and Statistics, Ministry of Agriculture, Forestry and Fisheries)
- ▶ ADB Project (consist of training, field survey, and validation)
 - will be completed in Nov, the result will be shared in GEOGLAM

❖ Other New Topics

- ▶ Start to discussion methane emission evaluation by using SAR and GHG missions (e.g. GOSAT-1/2) over Mekong delta region with CNES
- ▶ Soil salinity in lower Mekong Delta region
(few rain and sea water intrusion to river and croplands)

❖ **Upgrading SDMS Specification**

- ▶ X2Go server
- ▶ 500 GB and change (<- 30GB)
- ▶ 8 am to 8 pm Monday-Saturday Indonesian time.
- ▶ SDMS (54.238.48.139) address and login (analyst)

❖ **Wall to Wall monitoring in Indonesia**

- ▶ Assess the spec of cloud system to generate wall to wall rice map and use the result as the benchmark for developing the national monitoring system

❖ **Collaboration with Data Cube (CSIRO) and ESA**

- ▶ Utilizing multi-frequency data, especially Sentinel-1 and ALOS-2 SAR over Mekong Delta

Vietnam SAR Based Rice Crop Monitoring Scheme

