

Earth Observation Technologies for Crop Monitoring - A Workshop to Promote Collaborations among GEOGLAM/JECAM/Asia-RiCE 2018



Objectives



The GEO Global Agricultural Monitoring initiative (GEOSS Task AG0703a) was endorsed by the G20 Summit, and aims to enhance regional and global agricultural production estimates (for wheat, maize, soybean, and rice) through the use of Earth observations (EO).

The Joint Experiment of Crop Assessment and Monitoring (JECAM) is developed in the framework of the GEO Global Agricultural Monitoring initiative (GEOSS Task AG0703a) and Agricultural Risk Management (GEOSS Task AG0703b). It is the cornerstone of the R&D component of the GEOGLAM initiative supported by the G20.

Asian agencies are implementing the Asia-RiCE (Asian Rice Crop Estimation & Monitoring) component of the GEOGLAM initiative. The goal of Asia-RiCE is to foster the widespread use of EO for 'wall-to-wall', whole country, timely and accurate forecasts of rice production at national, regional, and global scales, as an input to the GEOGLAM Crop Monitor and FAO AMIS (Agricultural Market Information System).

Participants from both JECAM and Asia-RiCE will discuss the results of the application of Earth observations over their selected experiment sites, reporting research and application results using various time series satellite data acquired with the support of CEOS.

The meeting will particularly highlight the benefits and the opportunities of the JECAM/Asia-RiCE network for conducting comprehensive studies using geographically distributed experiment sites. Diversity in approaches, field measurements and reporting protocols, as well as best practices in various cropping systems, will be shared and discussed in this workshop.



Audience

The GEOGLAM research community, including all JECAM and Asia-RiCE teams are invited to this 2018 Workshop.



Date

17 – 20 September (Monday – Thursday), 2018



Venue

Taiwan Agricultural Research Institute (TARI), Council of Agriculture
No.189, Zhongzheng Rd., Wufeng Dist., Taichung City 41362, Taiwan.



Hosting Institutions

- Taiwan Agricultural Research Institute (TARI), Council of Agriculture, Executive Yuan, Taiwan
- Center for Space and Remote Sensing Research (CSRSR), National Central University, Taiwan
- Agriculture and Food Agency, Council of Agriculture, Executive Yuan, Taiwan
- Information Management Center, Council of Agriculture, Executive Yuan, Taiwan

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More details about agenda will be out soon.