

## **One day ISRS-ACRS –GEOGLAM-ISPRS WG III/10**

### **Pre-Symposium Tutorial on Agricultural Monitoring**

**22<sup>nd</sup> October, 2017 (Sunday)**

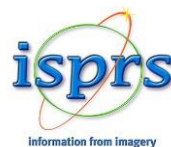
**Hosted by MNCFC, New Delhi and ISRS-Delhi Chapter**

**Venue: RS&GIS Lab, MNCFC, Pusa Campus, New Delhi – 110 012**

#### **About the Tutorial**

GEOGLAM is the Group on Earth Observations' Global Agricultural Monitoring Initiative. The main objective of GEOGLAM is to reinforce the international community's capacity to produce and disseminate relevant, timely and accurate forecasts of agricultural production at national, regional, and global scales by using Earth Observation data. Many countries use satellite remote sensing data for agricultural monitoring and crop production forecasting. With the continuous improvement of the data available from satellite and the geospatial technology, there has been tremendous progress in the scope of agricultural monitoring. This pre-symposium tutorial will deal with three major agricultural monitoring programmes: one global programme (CropWatch of China), one regional programme (AsiaRice being coordinated by Japan) and one national programme (FASAL project of India), apart from an overview lecture of GEOGLAM. Additionally the experts from different centres of ISRO will provide demonstrations of various recent advances in remote sensing and geospatial technology. This pre-symposium tutorial is being jointly organized by Indian Society of Remote Sensing (ISRS), Asian Conference on Remote Sensing (ACRS), GEOGLAM, International Society of Photogrammetry and Remote Sensing (ISPRS) Working Group III/10 (Biodiversity and Natural Ecosystems Monitoring). The pre-symposium Tutorial is hosted Mahalanobis National Crop Forecast Centre of Ministry of Agriculture & Farmers' Welfare and ISRS Delhi Chapter.

- Proposed Participants: Young Researchers and Students (Max 30)
- Registration Fee: Indian: Rs. 1000/- International: USD 50
- The registration will include working lunch, tea and Registration kit
- Last Date of Registration: 16<sup>th</sup> October, 2017



## Tentative Programme

Time	Programme	Guest/Speaker
09:00-09:30	Registration	
09:30-10:00	Inaugural	Chief Guest & Guest of Honour
10:00-10:15	Tea	
10:15-10:30	Overview of GEOGLAM	GEOGLAM Sectt (Christina Justice)
10:30-11:00	Global Programme: CropWatch of China	CAS, Beijing (Zhang Miao)
11:00-11:30	Regional Programme: AsiaRice	JAXA (Shin-ichi Sobue)
11:30-12:00	National Programme: FASAL/NPSTA of India	MNCFC (S. S. Ray)
12:00-12:30	Indian EO Programme to support Agricultural Monitoring	SAC (ISRO), Ahmedabad
12:30-13:30	Lunch	
13:30-14:15	Demo: UAV Data Analysis	NESAC (ISRO), Shillong
14:15-15:00	Demo: Bhuvan	NRSC (ISRO), Hyderabad
15:00-15:45	Demo: MOSDAC & VEDAS	SAC (ISRO), Ahmedabad
15:45-16:30	Demo: Object based Analysis of High Resolution Data (LISS IV + Cartosat) for Orchards	IIRS/MNCFC
16:30-17:00	Valedictory	President ISRS, Chair, ACRS 2017