



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

Pre-Symposium Tutorial on Agricultural Monitoring

22nd October, 2017 (Sunday)

Hosted by MNCFC, DAC&FW, New Delhi and ISRS-Delhi Chapter

Venue: 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 Space Research Organization, 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: USD50
- The registration will include working lunch, tea and Registration kit
- Last Date of Registration: 16th October, 2017. **The registration can be done online through the website ncfc.gov.in**
- Contact: Smt. Neetu, Sci-SD, MNCFC, Pusa Campus, New Delhi – 110 012, Email: neetu.ncfc@nic.in



Tentative Programme

Time	Programme	Guest/Speaker
09:00-09:30	Registration	Local Organizing Team
09:30-10:00	Inaugural	Chief Guest, Guest of Honour & President, ISRS
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 (Prakash Chauhan)
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 (S A Sharma)
15:45-16:30	Demo: Object based Analysis of High Resolution Data (LISS IV + Cartosat) for Orchards	IIRS/MNCFC
16:30-17:00	Demo: Sensor based High throughput Crop Phenotyping	IARI, New Delhi (R N Sahoo)
17:00-17:30	Valedictory	Chief Guest Chair, ACRS 2017



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Registration Form

Name	
Profession/Designation	
Organization/ Institute	
Address	
Mob. No., Email	
Registration Fee (Mode of Payment)	Bank Draft/ Account Transfer/ On the Spot
Details of Payment (Date, BD No/Acct of Transfer, Amount)	
Signature	
Comments (to be filled by Organizers)	

The registration can be done online through “ncfc.gov.in”. The registration fee can be paid through

- i) Bank Draft in favour of “**Indian Society of Remote Sensing, Delhi Chapter**” payable at **New Delhi**
- ii) Account Transfer to following account:
Name of Account : Indian Society of Remote Sensing, Delhi Chapter
Account No. : 90292010025176
Bank and address: Syndicate Bank, IARI, Pusa Campus Branch, New Delhi – 110 012
IFSC Code : SYNB0009029
- iii) On the Spot Payment