

Indo-French Monsoon School
on
REMOTE SENSING
Indian Institute of Science
Bangalore

OCTOBER 28-30, 2019

Programme



भारतीय विज्ञान संस्थान

Department of Civil Engineering
Indian Institute of Science
Bangalore

DAY 1

(Monday, 28th October 2019)

Sl. No.	Title	Presenter	Start	Finish
1.	Welcome		9:00 AM	9:30 AM
2.	Monsoon School: Information & Program	Dr. Sekhar MUDDU & Nicolas BAGHDADI	9:30 AM	10:00 AM
3.	Theia - French Land Data Center	Nicolas BAGHDADI	10:00 AM	10:30 AM
4.	Mapping of soil moisture and irrigation in agricultural areas	Nicolas BAGHDADI, Mehrez ZRIBI	10:30 AM	11:00 AM
5.	Evapotranspiration & drought studies	Eswar RAJASEKARAN	11:00 AM	11:30 AM
6.	Soil moisture applications in Indian context	Sat Kumar TOMAR, Ahmad AL-BITAR	11:30 AM	12:00 Noon
Lunch			12:00 Noon	14:00 Hrs.
7.	Disaster Rapid Mapping at ICube-SERTIT within the EMS Copernicus Service and the International Space and Major Disaster Charter frameworks	Hervé YESOU	14:00 Hrs.	14:30 Hrs.
8.	Energy balance for irrigation monitoring	Gilles BOULET	14:30 Hrs.	15:00 Hrs.
9.	Drought estimation and mapping	Mehrez ZRIBI	15:00 Hrs.	15:30 Hrs.
Break			15:30 Hrs.	16:00 Hrs.
10.	Soil primary properties estimation from VNIR/SWIR imagery	Cécile GOMEZ	16:00 Hrs.	16:30 Hrs.
11.	Microwave remote sensing basis	M. Zribi / N. Baghdadi	16:30 Hrs.	17:30 Hrs.

DAY 2
(Tuesday, 29th October 2019)

Theoretical Courses

Sl. No.	Title	Presenter	Start	Finish
1.	Microwave remote sensing basis	M. Zribi / N. Baghdadi	09:00 Hrs.	10:00 Hrs.
Break			10:00 Hrs.	10:30 Hrs.
2.	Thermal infrared basis	E. Rajasekaran	10:30 Hrs.	12:30 Hrs.
3.	Agro meteorology applications in Indian context	Bimal BHATTACHARYA	12:30 Hrs.	01:00 Hrs.
Applications				
4.	Orfeo toolbox	H. Bazzi	14:00 Hrs.	16:00 Hrs.
	Irrigation, drought	M. Zribi		
5.	Orfeo toolbox	H. Bazzi	16:15 Hrs.	18:15 Hrs.
	Soil moisture with SMOS/SMAP	A. Al Bitar & Sat Kumar Tomar		

DAY 3
(Wednesday, 30th October 2019)

Theoretical Courses

Sl. No.	Title	Presenter	Start	Finish
1.	Energy balance	G. Boulet	09:00 Hrs.	10:30 Hrs.
Break			10:30 Hrs.	11:00 Hrs.
2.	Soil primary properties estimation	C. Gomez	11:00 Hrs.	01:00 Hrs.
Applications				
3.	Soil moisture with SAR	N. Baghdadi/H. Bazzi/M. Zribi	14:00 Hrs.	16:00 Hrs.
	Disaster Rapid Mapping	H. Yesou A. Al Bitar & Sat Kumar Tomar		
4.	Soil primary properties estimation	C. Gomez	16:00 Hrs.	18:15 Hrs.
	Disaster Rapid Mapping	H. Yesou		