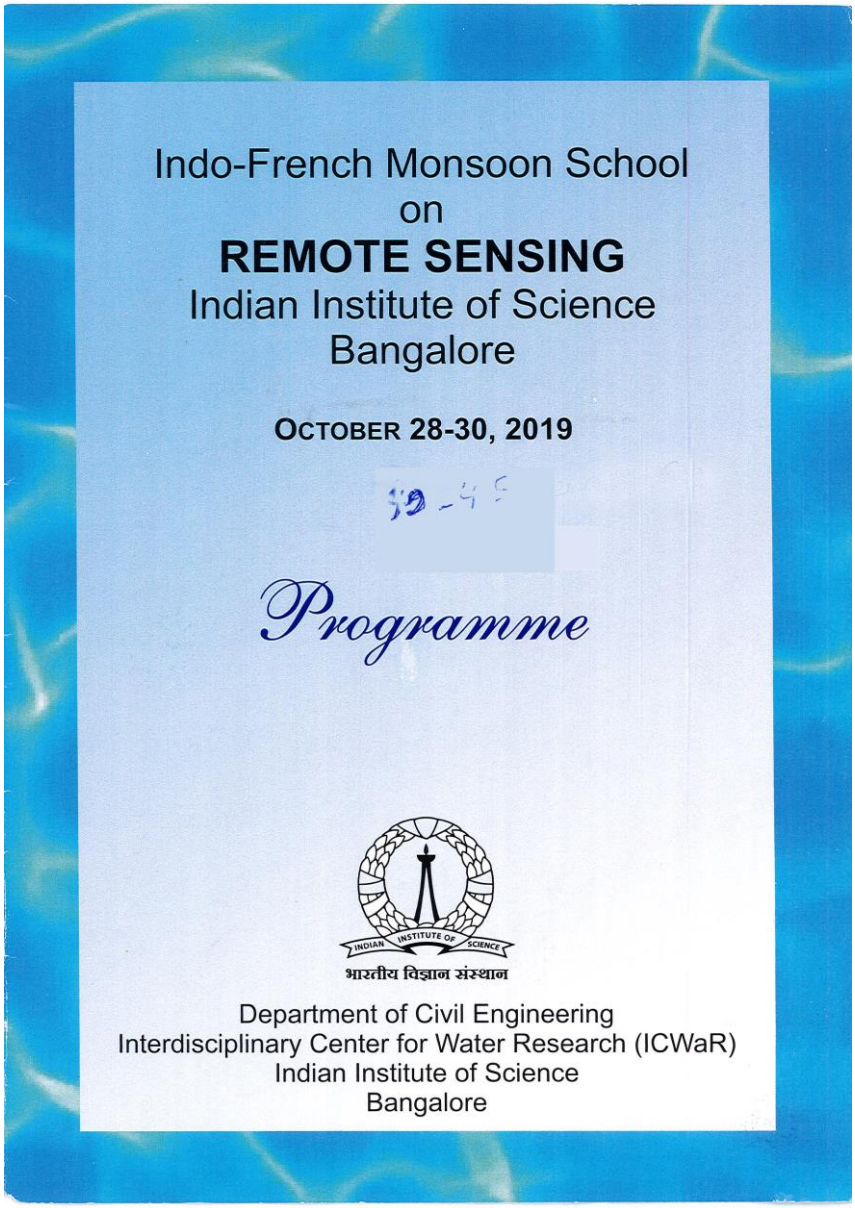
Indo-French Monsoon School on Remote Sensing

Indian Institute of Science and Theia French Land Data Center

Organizers: Nicolas BAGHDADI (Irstea, TETIS, Theia, France), Sekhar MUDDU (Indian Institute of Science), Mehrez Zribi (CNRS, Cesbio, France)



Programme

Day 1 (28/10/2019)

	Title	Presenter	Start	Finish
1	**Welcome (Indian & French)**	Dr. Sekhar MUDDU & Nicolas BAGHDADI	9:00	9:30
2	**Monsoon School: Information and program**	Dr. Sekhar MUDDU / Nicolas BAGHDADI	9:30	10:00
3	**Theia - French Land Data Center**	Nicolas BAGHDADI	10:00	10:30
4	Mapping of soil moisture and irrigation in agricultural areas	Nicolas BAGHDADI, Mehrez ZRIBI	10:30	11:00
5	Evapotranspiration and drought studies	Eswar RAJASEKARAN	11:00	11:30
6	Soil moisture applications in Indian context	Sat Kumar TOMAR / Ahmad AL-BITAR	11:30	12:00
	Lunch		12:00	14:00
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	14:30
8	Energy balance for irrigation monitoring	Gilles BOULET	14:30	15:00
9	Drought estimation and mapping	Mehrez ZRIBI	15:00	15:30
	Break		15:30	16:00
10	Soil primary properties estimation from VNIR/SWIR imagery	Cécile GOMEZ	16:00	16:30
11	Microwave remote sensing basis	Mehrez ZRIBI / Nicolas BAGHDADI	16:30	17:00

	Theoretical courses				Applications	
	8h-10h	**10h-10h30**	**10h30-12h30**		**14h-16h**	**16h15-18h15**
Day2 29/10	**Microwave remote sensing basis** M. Zribi/N. Baghdadi	**Break**	**Thermal infrared basis** G. Boulet/E. Rajasekaran		**Orfeo toolbox** H. Bazzi	**Orfeo toolbox** H. Bazzi
					Irrigation, drought M. Zribi	**Soil moisture with SMOS/SMAP** A. Al Bitar & Sat Kumar Tomar
Day3 30/10	Energy balance G. Boulet	**Break**	Soil primary properties estimation C. Gomez		Soil moisture with SAR N. Baghdadi/H. Bazzi/M. Zribi	**Soil primary properties estimation** C. Gomez
					Disaster Rapid Mapping using optical images H. Yesou	**Disaster Rapid Mapping using radar images** H. Yesou