

14th Advanced Training Course on Land Remote Sensing
Agriculture
29 September - 3 October 2025

28/08/2025

Monday 29/09		Tuesday 17/09		Wednesday 18/09		Thursday 19/09		Friday 20/09	
8:00	Registration	08:30	Monitoring abiotic and biotic stressors Jadu Dash (Univ. Southampton)	08:30	In-situ data sampling, accuracy assessment and phenology monitoring Gohar Ghazaryan (ZALF)	08:30	Temperature and evapotranspiration Tian Hu (LIST)	08:30	Yield prediction and water productivity Egor Prikaziuk (UT-ITC)
9:00	Welcome speech								
9:05	Course Introduction Espen Volden(ESA) & Univ. of Thessaloniki								
9:20	Earth Observation and Agriculture in Greece								
9:50	Group Photo and Coffee Break	10:00	Coffee Break	10:00	Coffee Break	10:00	Coffee Break	10:00	Coffee Break
10:20	Status of current and future Copernicus Sentinels and ESA Earth Explorers ESA Mission Managers/Scientists	10:30	Biophysical variables monitoring Jochem Verrelst (Univ. Valencia)	10:30	Crop type mapping Kristof van Tricht (VITO)	10:30	Drought monitoring and yield prediction Wouter Dorigo (TU Wien)	10:30	Nutrients and carbon monitoring Mariana Belgiu (UT-ITC)
11:10	Data Access: Copernicus Data Space Ecosystem & Third Party Missions M. Fitrzyk (RSAC c/o ESA)								
11:30	Introduction to EO for Agriculture Jadu Dash (Univ. Southampton)								
12:30	Lunch Break								
14:00	Optical pre-processing and hyperspectral analysis Marco Celesti (ESA)	12:00	Lunch Break	12:00	Lunch Break	12:00	Lunch Break	12:00	Lunch Break
15:00	Coffee Break	13:30	Monitoring abiotic and biotic stressors Jadu Dash (Univ. Southampton)	13:30	Phenology monitoring Gohar Ghazaryan (ZALF)	13:30	Temperature and evapotranspiration Tian Hu (LIST)	13:30	Yield prediction and water productivity Egor Prikaziuk (UT-ITC)
15:30	SAR pre-processing, POLINSAR and agricultural monitoring Elise Colin (ONERA)	15:00	Biophysical variables monitoring Jochem Verrelst (Univ. Valencia)	15:00	Coffee Break	15:00	Coffee Break	15:00	Coffee Break
17:00	SNAP M. Fitrzyk (RSAC c/o ESA)	15:30	Biophysical variables monitoring Jochem Verrelst (Univ. Valencia)	15:15	Crop type mapping Kristof van Tricht (VITO)	15:30	Drought monitoring and yield prediction Wouter Dorigo & Piet Emanuel Büechi (TUWien)	15:30	Nutrients and carbon monitoring Mariana Belgiu (UT-ITC)
18:30	Hosted welcome event (ice-breaker)	17:00	Monitoring abiotic and biotic stressors Jadu Dash (Univ. Southampton)	16:45	Phenology monitoring Gohar Ghazaryan (ZALF)	17:00	Temperature and evapotranspiration Tian Hu (LIST)	17:00	Yield prediction and water productivity Egor Prikaziuk (UT-ITC)
			Lightening talks		Field trip				Closing ceremony
				18:30	Social Dinner				
	Introductory lecture								
	Lecture								
	Exercise								
	Social event								