

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

	Monday 29/09	Tuesday 30/09	Wednesday 01/10	Thursday 02/10	Friday 03/10
08:00	Registration NOESIS				
09:00	Welcome speech NOESIS				
09:05	Introduction to the course and to ESA activities for agriculture Espen Volden (ESA) NOESIS				
09:25	Training course logistics Antonios Mouratidis (Univ. of Thessaloniki) NOESIS				
09:30	Earth Observation in Greece: The Greek National Satellite Space Project Christina Karakizi (Hellenic Space Center) NOESIS				
09:50	Group Photo and Coffee Break				
10:20	Status of current and future Copernicus Sentinels and ESA Earth Explorers ESA Mission Managers/Scientists NOESIS				
11:10	Data Access: Copernicus Data Space Ecosystem & Third Party Missions M. Fitzzyk (RSAC c/o ESA) NOESIS				
11:30	Introduction to EO for Agriculture Jadu Dash (Univ. Southampton) NOESIS				
12:30	Lunch Break				
14:00	Optical pre-processing and hyperspectral analysis Marco Celesti (ESA) NOESIS				
15:00	Coffee Break				
15:30	SAR pre-processing, POLINSAR and agricultural monitoring Elise Colin (ONERA) NOESIS				
17:00	SNAP M. Fitzzyk (RSAC c/o ESA) NOESIS				
18:30	Hosted welcome event (ice-breaker) BUILDING A				
		09:00	09:00	09:00	09:00
		Monitoring abiotic and biotic stressors Jadu Dash (Univ. Southampton) NOESIS	In-situ data sampling, accuracy assessment and phenology monitoring Gohar Ghazaryan (ZALF) NOESIS	Temperature and evapotranspiration Tian Hu (LIST) NOESIS	Yield prediction and water productivity Egor Prikaziuk (UT-ITC) NOESIS
		10:30	10:30	10:30	10:30
		Coffee Break	Coffee Break	Coffee Break	Coffee Break
		11:00	11:00	11:00	11:00
		Biophysical variables monitoring Jochem Verrelst (Univ. Valencia) NOESIS	Crop type mapping Kristof van Tricht (VITO) NOESIS	Drought monitoring and yield prediction Piet Emanuel Büechi (TU Wien) NOESIS	Nutrients and carbon monitoring Mariana Belgiu (UT-ITC) NOESIS
		12:30	12:30	12:30	12:30
		Lunch Break	Lunch Break	Lunch Break	Lunch Break
		14:00	14:00	14:00	14:00
		Monitoring abiotic and biotic stressors Jadu Dash (Univ. Southampton) BUILDING A	Phenology monitoring Gohar Ghazaryan (ZALF) BUILDING A	Temperature and evapotranspiration Tian Hu (LIST) BUILDING A	Yield prediction and water productivity Egor Prikaziuk (UT-ITC) BUILDING A
		Biophysical variables monitoring Jochem Verrelst (Univ. Valencia) BUILDING B	Crop type mapping Kristof van Tricht (VITO) BUILDING B	Drought monitoring and yield prediction Piet Emanuel Büechi (TUWien) BUILDING B	Nutrients and carbon monitoring Mariana Belgiu (UT-ITC) BUILDING B
		15:30	15:30	15:30	15:30
		Coffee Break	Coffee Break	Coffee Break	Coffee Break
		16:00	15:45	16:00	16:00
		Biophysical variables monitoring Jochem Verrelst (Univ. Valencia) BUILDING A	Crop type mapping Kristof van Tricht (VITO) BUILDING A	Drought monitoring and yield prediction Piet Emanuel Büechi (TUWien) BUILDING A	Nutrients and carbon monitoring Mariana Belgiu (UT-ITC) BUILDING A
		Monitoring abiotic and biotic stressors Jadu Dash (Univ. Southampton) BUILDING B	Phenology monitoring Gohar Ghazaryan (ZALF) BUILDING B	Temperature and evapotranspiration Tian Hu (LIST) BUILDING B	Yield prediction and water productivity Egor Prikaziuk (UT-ITC) BUILDING B
		17:30	17:15	17:30	17:30
		Lightening talks BUILDING A	Field trip		Closing ceremony BUILDING A
			19:30		
			Social Dinner		
	Introductory lecture @ NOESIS				
	Lecture @ NOESIS				
	Exercise @ ROOM A				
	Exercise @ ROOM B				
	Social event				