



Summer School **COPERNICUS Sentinels, Remote sensing techniques in forestry** 16 -20 Sept, 2019

Timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday
Day	16 th Sept 2018	17 th Sept	18 th Sept	19 th Sept	20 th Sept
09:00-10:00		Earth Observation Systems ³	Sentinel 3 optical and thermal data ⁵	Sentinel & Drone Briefing ⁷	Earth Engine (EE) in forestry ⁹
10:00-11:00		Sentinel 1 introduction ³	Moderate resolution for biochemical models ⁵	Instruments ⁷	Catalogs and big data analysis ⁹
11:00-11:30		<i>coffee break</i>	<i>coffee break</i>	<i>coffee break</i>	<i>coffee break</i>
11:30-12:30		Sentinel 1 in forestry: biomass monitoring ³	Moderate resolution for biochemical models ⁵	In field data acquisition ⁷	EE case study application ⁹
12:30-13:00	Introduction AIT-IREA ¹	Sentinel 1 in forestry: biomass monitoring ³	Moderate resolution for biochemical models ⁵	In field data acquisition ⁷	Closing section and Certificate of Participation ¹
13:00-14:30	<i>lunch</i>	<i>lunch</i>	<i>lunch</i>	<i>lunch</i>	<i>lunch</i>
14:30-15:30	The Copernicus Programme ²	Forest type detection by S2 data: spectral discriminants ⁴	Sentinel 2 for forest variables estimation ⁶	Debriefing & evaluation of collected data ⁷	
15:30-16:00	¹⁰ Remote Sensing use for long-term monitoring and research in agro-forest eco systems	Forest type detection by S2 data: phenological discriminants ⁴	Sentinel 2 for forest variables estimation ⁶	Tree risk assessment combining RPAS and S2 data	
16:00-16:30	<i>coffee break</i>	<i>coffee break</i>	<i>coffee break</i>	<i>coffee break</i>	
16:30-17:30	¹⁰ Agro-forest systems in Mediterranean regions:	CAP requirements in forests management: controlling wood removals ⁴	Sentinel 2 for forest variables estimation ⁶	Multispectral, Forest fires ⁸	
17:30-18:00	examples of applications	CAP requirements in forests management: controlling wood removals ⁴	Sentinel 2 for forest variables estimation ⁶	Multispectral, Forest fires ⁸	
18:30-19:30	<i>Ice break party</i>		<i>Social event</i>		

Lecturer

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