

European Space Agency Training on Earth Observation



University of Malta, Malta

27th to 30th April 2020

Agenda V1.0

Monday 27/04/2020	
08:00-08:30	Registration
08:30 – 08:45	Welcome by representative of the Malta Council for Science and Technology
08:45 – 09:45	Theory: ESA Intro & Introduction to ESA EO Missions
09:45 – 10:30	Theory: SAR Basics for Land
10:30 – 10:45	Coffee Break
10:45 – 12:30	(continuation)
12:30 – 13:30	Lunch Break
13:30 – 15:00	Exercise: Urban classification with Sentinel-1 (or Land classification) Trainer: RUS
15:00 – 15:15	Coffee Break
15:15 – 17:30	Exercise: Urban classification with Sentinel-1 (or Land classification) Trainer: RUS
	Ice Breaker

SAR for Land classification

Tuesday 28/04/2020	
08:30 – 10:30	Theory: SAR for Marine applications (ocean, waves, wind, currents, oil spills, ship detection)
10:30 – 10:45	Coffee Break
10:45 – 12:30	(continuation)
12:30 – 13:30	Lunch Break
13:30 – 15:00	Exercise: Ship detection with Sentinel-1 (SNAP) Trainer: RUS
15:00 – 15:15	Coffee Break
15:15 – 17:30	Exercise: Oil Spill mapping with Sentinel-1 (SNAP) Trainer: RUS

SAR for Marine

Wednesday 29/04/2020	
08:30 – 11:00	Theory: Optical RS for Marine applications
11:00 – 11:30	Coffee Break
11:30 – 13:00	Exercise: Ocean colour monitoring with Sentinel-3 [SNAP] Trainer: RUS
13:00 – 14:00	Lunch Break
14:00 – 16:00	Exercise: Bathymetry with Sentinel-2 [SNAP] Trainer: RUS
16:00 – 16:15	Coffee Break
16:15 – 17:30	(continuation)

Optical for Marine

Thursday 30/04/2020	
08:30 – 10:30	Presentation: Outcomes of the SAT-FIRE research project (SRF2018) Presented: UM Researchers
10:30 – 10:45	Coffee Break
10:45 – 12:30	(continuation)
12:30 – 13:30	Lunch Break
13:30 – 15:00	Theory: Air Quality
15:00 – 15:15	Coffee Break
15:15 – 17:00	Exercise: Air Quality with Sentinel 5-P Trainer: RUS
17:00 – 17:30	Feedback and Certificates

Air Quality