

25-29 SEPTEMBER 2023 WROCŁAW, POLAND
12th ADVANCED TRAINING COURSE ON LAND REMOTE SENSING
Hydrology and Hazards



	Monday 25/09	Tuesday 26/09	Wednesday 27/09	Thursday 28/09	Friday 29/09
8:00	Registration				
8:30	Welcome speech				
8:40	Course Introduction E. Volden (ESA, Italy)				
8:50	Space-related activities in Poland K. Sośnica (UPWr, Poland)				
9:20	Earth Observation activities in Poland J. Orlińska (POLSA, Poland)				
9:50	ESA Science for Society Programme E. Volden (ESA, Italy)				
10:30	Group Photo and Coffee Break				
11:00	Sentinel-1, -2 and -3, LSTM, CHIMES, ROSE-L and FLEX mission status ESA				
12:15	Data Access: Copernicus Data Space Ecosystem & Third Party Missions J. Bojanowski (CloudFerro, Poland) & M. Fitzryk (RSAC c/o ESA)				
13:00	Lunch Break				
14:30	Introduction to Optical RS for Water and Hazards F. Ramoino (Serco c/o ESA)				
	Introduction to SAR RS for Water and Hazards M. Ilieva (UPWr, Poland)				
15:30	Coffee Break				
16:00	Water level change detection T. Niedzielski (UWR, Poland)				
17:00	Water level monitoring with altimetry M. Halicki (UWR, Poland)				
	Water extent F. Ramoino (Serco c/o ESA)				
18:00	Water extent F. Ramoino (Serco c/o ESA)				
	Water level monitoring with altimetry M. Halicki (UWR, Poland)				
19:00	Hosted welcome event (ice-breaker)				
08:30		Soil Moisture (Passive Microwave Radiometers, Scatterometers and SAR) B. Raml (TUWien, Austria)			
10:30		Coffee Break			
11:00		Drought W. Dorigo (TUWien, Austria)			
12:30		Lunch Break			
14:00		Soil moisture B. Raml (TUWien)			
		Soil moisture P. Stradiotti (TUWien)			
15:30		Field exercise			
17:30		Poster session presentations			
19:00					
08:30			Land surface temperature, Evapotranspiration R. Guzinski (DHI Group, Denmark)		
10:30			Coffee Break		
11:00			Irrigation mapping, detection and quantification J. Dari (CNR-IRPI, Italy)		
12:30			Lunch Break		
14:00			Drought W. Dorigo (TUWien, Austria)		
			Evapotranspiration R. Guzinski (DHI Group, Denmark)		
15:30			Coffee Break		
17:30			Evapotranspiration R. Guzinski (DHI Group, Denmark)		
			Drought W. Dorigo (TUWien, Austria)		
19:00			Hosted Dinner		
08:30				Water Quality A. B. Ruescas (Brockmann-Consult, Germany & University of Valencia, Spain)	
10:30				Coffee Break	
11:00				DTE Hydrology and landslide risk J. Dari (CNR-IRPI, Italy)	
12:30				Lunch Break	
14:00				Irrigation mapping, detection and quantification J. Dari (CNR-IRPI, Italy)	
				Hazards: landslides K. Pawluszek (UPWr, Poland)	
15:30				Coffee Break	
17:30				Hazards: landslides K. Pawluszek (UPWr, Poland)	
				Irrigation mapping, detection and quantification J. Dari (CNR-IRPI, Italy)	
08:30					Hazards: floods M. Chini (LIST, Luxembourg)
10:00					Coffee Break
10:30					Hazard: floods M. Chini (LIST, Luxembourg)
					Water Quality - cases K. Lejcuś (UPWr, Poland)
11:45					Water Quality - cases K. Lejcuś (UPWr, Poland)
					Hazard: floods M. Chini (LIST, Luxembourg)
13:00					Closing ceremony
13:15					Coffee Break

Introductory lecture
Lecture
Exercise