

Trans-Atlantic Training – Pécs 2017

Multi-sensor Approaches in Studying Land Use/Land Cover Change 16-20 June 2017

Day 1: Friday, June 16		
9:30 – 10:00	Registration	
10:00 – 12:00	Opening & session 1	
	Welcoming remarks, training objectives, logistic	<i>Premysl Stych, Charles University, Czechia Levente Ronczyk, University of Pécs, Hungary</i>
	Welcome Adresse of Host	<i>András Trócsányi, vice-dean University of Pécs, Hungary</i>
	Introduction to the ESA EO missions and data and data access	<i>Francesco Sarti, ESA – Esrin, Italy</i>
12:00 – 13:00	Lunch	
13:00 – 14:45	Session 2	
	Introduction to SAR Remote Sensing processing– Sentinel-1 mission	<i>Prof. Isaak Parcharidis, University of Athens-c/o ESA/ESRIN, Francesco Sarti, ESA – Esrin, Italy Chris Stewart, ESA – Esrin, Italy,</i>
14:45 – 15:00	Break	
15:00 – 17:00	Session 3	
	Terrestrial applications of SAR data. Examples and computer exercises with SNAP	<i>Prof. Isaak Parcharidis, University of Athens-c/o ESA/ESRIN, Chris Stewart, ESA – Esrin, Italy,</i>

Day 2: Saturday, June 17	
9:00 – 12:00	Session 4
	ESA EO data Access; Applications of SAR data in the Land Use/Land Cover Changes <i>Prof. Isaak Parcharidis, University of Athens-c/o ESA/ESRIN, Chris Stewart, ESA – Esrin, Italy</i>
12:00 – 13:00	Lunch
13:00 – 17:00	Session 5
	Examples and computer exercises with SNAP <i>Prof. Isaak Parcharidis, University of Athens-c/o ESA/ESRIN, Chris Stewart, ESA – Esrin, Italy</i>

Day 3: Sunday, June 18	
9:00 – 12:00	Session 6
	Land Cover Mapping – The use of multi-temporal and multi-sensor (SAR & Optical) data <i>Dr. Francesco Holecz, Purasca, sarmap SA, Switzerland</i>
12:00 – 13:30	Session 7
	Introduction and demonstration of the customized Sentinel-1 processing chain on HSC (supercomputer University of Pecs) <i>Dr. Bogdan Zavalnij, University of Pecs</i>
14:00 – 17:00	Lunch and wine testing (Viticulture Research Institute University of Pécs)

Day 4: Monday, June 19	
9:00 – 10:30	Session 8
	New trends in optical remote sensing data and technics with emphasis on Landsat-8 and Sentinel-2 missions <i>Jeffrey Masek, University of Maryland, NASA Goddard Space Flight Center</i>
10:30 – 10:45	Break
10:45 – 12:00	Session 9
	An evaluation of impacts of land use/land cover change on ecosystems; Landsat time series analysis; <i>Mutlu Ozdogan, University of Wisconsin-Madison</i>

12:00 – 13:00	<i>Lunch</i>
13:00 – 18:00	Session 10
	Introduction into Google Earth Engine; Time series analysis in Google Earth Engine <i>Noel Gorelick, Google; Mutlu Ozdogan, University of Wisconsin-Madison</i>

Day 5: Tuesday, June 20	
Morning	
	South Central European Regional Information Network (SCERIN) workshop Visiting the keynotes part of the SCERIN meeting
12:00 – 13:00	<i>Lunch</i>
Afternoon	
	Visiting the keynotes part of the SCERIN meeting Closing ceremony